Anything that destroys bacteria or suppresses their growth or their ability to reproduce. Heat, chemicals such as chlorine, and antibiotic drugs all have antibacterial properties. Many antibacterial products for cleaning and handwashing are sold today. Such products do not reduce the risk for symptoms of viral infectious diseases in otherwise healthy persons. This does not preclude the potential contribution of antibacterial products to reducing symptoms of bacterial diseases in the home.
Bacterial Inhibitors & Modulators

(+)-(3R,8S)-Falcarindiol
((3R,8S)-Falcarindiol; 3(R),8(S),9(Z)-Falcarindiol)  Cat. No.: HY-N1976
Bioactivity: (+)-(3R,8S)-Falcarindiol is a polyacetylene found in carrots, has antimycobacterial activity, with an IC_{50} of 6 μM and MIC of 24 μM against Mycobacterium tuberculosis H37Ra [1]. Antineoplastic and anti-inflammatory activity [2].

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

(+)-Camphor
(D-(-)-Camphor; (1R)-(+)-Camphor)  Cat. No.: HY-B1173
Bioactivity: (+)-Camphor is an ingredient in cooking, and as an embalming fluid for medicinal purposes,

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

(+)-Viroallosecurinine  Cat. No.: HY-N5002
Bioactivity: (+)-Viroallosecurinine, isolated from Securinega virosa is a cytotoxic alkaloid, exhibits a MIC of 0.48 μg/mL for Ps. Aeruginosa and Staph. aureus [1]. Antibacterial activity [1].

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

2-(Methylamino)-1H-purin-6(7H)-one
(N2-methylguanine)  Cat. No.: HY-101412
Bioactivity: 2-(Methylamino)-1H-purin-6(7H)-one (N2-Methylguanine) is a modified nucleoside, 2-(Methylamino)-1H-purin-6(7H)-one is an endogenous methylated nucleoside found in human fluids.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 50 mg, 100 mg

4(3H)-Quinazolinone  Cat. No.: HY-W018800
Bioactivity: 4(3H)-Quinazolinone is a building block in chemical synthesis. Biologically active nitrogen heterocyclic compounds. Possesses a wide spectrum of biological properties like antibacterial, antifungal, anticonvulsant, anti-inflammatory, anti-HIV, anticancerous and analgesic activities [1][2].

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

4-Chlorosalicylic acid  Cat. No.: HY-W016867
Bioactivity: 4-Chlorosalicylic acid is a pharmaceutical intermediate. Inhibits monophenolase and diphenolase activity with IC_{50} of 1.89 mM and 1.10 mM. Potent antimicrobial activity. Against E. coli with the MIC of 250 μg/mL and with the MBC of 500 μg/mL.

Purity: 99.95%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

4-Hydroxybenzoic acid  Cat. No.: HY-Y0264
Bioactivity: 4-Hydroxybenzoic acid, a phenolic derivative of benzoic acid, could inhibit most gram-positive and some gram-negative bacteria, with an IC_{50} of 160 μg/mL.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

5-Hydroxypyrazine-2-carboxylic acid  Cat. No.: HY-76210
Bioactivity: 5-Hydroxypyrazine-2-carboxylic acid, a metabolite of anti-tuberculosis drug pyrazinamide (PZA).

Purity: 99.99%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

2-(Methylamino)-1H-purin-6(7H)-one (N2-Methylguanine)

4(3H)-Quinazolinone

4-Chlorosalicylic acid

4-Hydroxybenzoic acid

5-Hydroxypyrazine-2-carboxylic acid
6-Amino-5-azacytidine
Cat. No.: HY-111643

Bioactivity: 6-Amino-5-azacytidine inhibits the growth of bacteria E. coli [1].

Purity: >98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 10 mg

7-Aminocephalosporanic acid (7-ACA)
Cat. No.: HY-B1434

Bioactivity: 7-Aminocephalosporanic acid is the core chemical structure for the synthesis of cephalosporin antibiotics, is a potent β-lactamase inhibitor.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 100 mg

A7132
Cat. No.: HY-U00225

Bioactivity: A7132 is an antibacterial agent. A7132 possess broad and potent antibacterial activity.

Purity: >98%
Clinical Data: No Development Reported
Size: 250 mg, 500 mg

AAI101
Cat. No.: HY-103095

Bioactivity: AAI101 is an extended-spectrum β-lactamase inhibitor, against many resistant Gram-negative pathogens.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

Acetohydroxamic acid (AHA)
Cat. No.: HY-B1235

Bioactivity: Acetohydroxamic acid is a potent and irreversible inhibitor of bacterial and plant urease and also used as adjunctive therapy in chronic urinary infection. Target: Urease Acetohydroxamic acid selectively inhibits arachidonate 5-lipoxygenase and thus has potential use in the treatment of asthma.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 100 mg, 500 mg

Acetylazide (Acetylkelfizina; Acetylsulfamethoxypyrazine; FI6073)
Cat. No.: HY-101575

Bioactivity: Acetylazide is a synthetic broad-spectrum bacteriostatic antibiotic.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 20 mg

Acetylspiramycin (Spiramycin B; Spiramycin II; Foromacidin B)
Cat. No.: HY-B1916

Bioactivity: Acetylspiramycin is a macrolide antibiotic.

Purity: Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 200 mg

Afabicin (Debio 1450; AFN-1720)
Cat. No.: HY-109000

Bioactivity: Afabinic (Debio 1450) is the prodrug of Debio1452, specifically targeting staphylococci without significant activity against other Gram-positive or Gram-negative species. Debio1452 is an inhibitor FabI, an enzyme critical to fatty acid biosynthesis in staphylococci.

Purity: >98%
Clinical Data: No Development Reported
Size: 250 mg, 500 mg

AFN-1252 (API-1252; Debio 1452)
Cat. No.: HY-16911

Bioactivity: AFN-1252(Debio 1452) is a potent inhibitor of enoyl-acyl carrier protein reductase (FabI), inhibited all clinical isolates of Staphylococcus aureus and Staphylococcus epidermidis at concentrations of ≤0.12 µg/ml.

Purity: 98.27%
Clinical Data: Phase 2
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

Allergen Gal d 4 (46-61), chicken (Lysozyme C (46-61) (chicken))
Cat. No.: HY-P1560

Bioactivity: Allergen Gal d 4 (46-61), chicken is a hen egg white lysozyme peptide.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg
<table>
<thead>
<tr>
<th>Product Name</th>
<th>Cat. No.</th>
<th>Bioactivity</th>
<th>Purity</th>
<th>Clinical Data</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Allicin</strong></td>
<td>HY-N0315</td>
<td>Allicin (diallyl thiosulfinate), a highly potent natural antimicrobial activity substance, inhibits growth of a variety of microorganisms, among them antibiotic-resistant strains. [1]</td>
<td>&gt;98%</td>
<td>No Development Reported</td>
<td>10mM x 1mL in DMSO, 50 mg</td>
</tr>
<tr>
<td><strong>Amifloxacin</strong></td>
<td>HY-U00221</td>
<td>Amifloxacin (Win49375) is a synthetic antibacterial agent of the quinolone class.</td>
<td>&gt;98%</td>
<td>No Development Reported</td>
<td>1 mg, 5 mg, 10 mg, 20 mg</td>
</tr>
<tr>
<td><strong>Amikacin sulfate</strong></td>
<td>HY-B0509B</td>
<td>Amikacin sulfate (BAY-416651 sulfate) is a semi-synthetic aminoglycoside antibiotic derived from kanamycin A.</td>
<td>98.0%</td>
<td>Launched</td>
<td>10mM x 1mL in Water, 1 g, 5 g</td>
</tr>
<tr>
<td><strong>Aminoacyl tRNA synthetase-IN-1</strong></td>
<td>HY-108939</td>
<td>Aminoacyl tRNA synthetase-IN-1 is a bacterial aminoacyl tRNA synthetase (aaRS) inhibitor.</td>
<td>99.61%</td>
<td>No Development Reported</td>
<td>10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg</td>
</tr>
<tr>
<td><strong>Amoxicillin</strong></td>
<td>HY-B0467A</td>
<td>Amoxicillin is a moderate-spectrum, bacteriolytic, β-lactam antibiotic.</td>
<td>98.0%</td>
<td>Launched</td>
<td>10mM x 1mL in DMSO, 1 g, 5 g, 10 g</td>
</tr>
<tr>
<td><strong>Amoxicillin sodium</strong></td>
<td>HY-B0467</td>
<td>Amoxicillin Sodium is a moderate-spectrum, bacteriolytic, β-lactam antibiotic.</td>
<td>98.04%</td>
<td>Launched</td>
<td>10mM x 1mL in DMSO, 1 g, 5 g, 10 g</td>
</tr>
<tr>
<td><strong>Amoxicillin trihydrate</strong></td>
<td>HY-B0467B</td>
<td>Amoxicillin Trihydrate is a moderate-spectrum, bacteriolytic, β-lactam antibiotic. Target: Antibacterial Amoxicillin is a moderate-spectrum, bacteriolytic, β-lactam antibiotic in the aminopenicillin family used to treat bacterial infections caused by susceptible Gram-positive and Gram-negative bacteria.</td>
<td>98.0%</td>
<td>Launched</td>
<td>10mM x 1mL in DMSO, 1 g, 5 g, 10 g</td>
</tr>
<tr>
<td><strong>Ampicillin</strong></td>
<td>HY-B0522</td>
<td>Ampicillin is a broad-spectrum beta-lactam antibiotic against a variety of gram-positive and gram-negative bacteria.</td>
<td>&gt;98%</td>
<td>Launched</td>
<td>1 g</td>
</tr>
<tr>
<td><strong>Ampicillin sodium</strong></td>
<td>HY-B0522A</td>
<td>Ampicillin sodium is a broad-spectrum beta-lactam antibiotic against a variety of gram-positive and gram-negative bacteria.</td>
<td>98.0%</td>
<td>Launched</td>
<td>10mM x 1mL in Water, 1 g, 5 g</td>
</tr>
<tr>
<td><strong>anti-TB agent 1</strong></td>
<td>HY-126131</td>
<td>anti-TB agent 1 is a potent and orally active anti-tuberculosis agent, with MICs of &lt; 2 nM against the Mtb strains H37Rv, rRMP and rINH. [1]</td>
<td>&gt;98%</td>
<td>No Development Reported</td>
<td>100 mg, 250 mg, 500 mg</td>
</tr>
</tbody>
</table>

Bioactivity:

- **Allicin**: Allicin (Diallyl thiosulfinate) is a highly potent natural antimicrobial activity substance, inhibits growth of a variety of microorganisms, among them antibiotic-resistant strains. [1]
- **Amifloxacin**: Amifloxacin (Win49375) is a synthetic antibacterial agent of the quinolone class.
- **Amikacin sulfate**: Amikacin sulfate (BAY-416651 sulfate) is a semi-synthetic aminoglycoside antibiotic derived from kanamycin A.
- **Aminoacyl tRNA synthetase-IN-1**: Aminoacyl tRNA synthetase-IN-1 is a bacterial aminoacyl tRNA synthetase (aaRS) inhibitor.
- **Amoxicillin**: Amoxicillin is a moderate-spectrum, bacteriolytic, β-lactam antibiotic.
- **Amoxicillin sodium**: Amoxicillin Sodium is a moderate-spectrum, bacteriolytic, β-lactam antibiotic.
- **Amoxicillin trihydrate**: Amoxicillin Trihydrate is a moderate-spectrum, bacteriolytic, β-lactam antibiotic. Target: Antibacterial Amoxicillin is a moderate-spectrum, bacteriolytic, β-lactam antibiotic in the aminopenicillin family used to treat bacterial infections caused by susceptible Gram-positive and Gram-negative bacteria.
- **Ampicillin**: Ampicillin is a broad-spectrum beta-lactam antibiotic against a variety of gram-positive and gram-negative bacteria.
- **Ampicillin sodium**: Ampicillin sodium is a broad-spectrum beta-lactam antibiotic against a variety of gram-positive and gram-negative bacteria.
- **anti-TB agent 1**: anti-TB agent 1 is a potent and orally active anti-tuberculosis agent, with MICs of < 2 nM against the Mtb strains H37Rv, rRMP and rINH. [1]
Antibacterial compound 1  
Cat. No.: HY-101819

**Bioactivity:** Antibacterial compound 1 is a oxazolidinone extracted from patent WO1999037630A1 with antibacterial activities.

**Purity:** >98%
**Clinical Data:** No Development Reported
**Size:** 1 mg, 5 mg, 10 mg, 20 mg

---

Antibacterial compound 2  
Cat. No.: HY-101730

**Bioactivity:** Antibacterial compound 2 is a useful antibacterial agent extracted from patent US5652238, compound example 9.

**Purity:** >98%
**Clinical Data:** No Development Reported
**Size:** 1 mg, 5 mg, 10 mg

---

Antibiotic-5d  
Cat. No.: HY-100833

**Bioactivity:** Antibiotic-5d is a synthesis and antimicrobial compound.

**Purity:** 99.70%
**Clinical Data:** No Development Reported
**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

---

Antimicrobial Compound 1  
Cat. No.: HY-111405

**Bioactivity:** Antimicrobial Compound 1 is an alklypyridinium compound, with antimicrobial activity.

**Purity:** >98%
**Clinical Data:** No Development Reported
**Size:** 250 mg, 500 mg

---

Apidaecin IB  
Cat. No.: HY-P1602

**Bioactivity:** Apidaecin IB is an insect antimicrobial peptide, with minimum inhibitory concentration (MIC) values of 8 μM for E. coli (ML35, O18K1H7 and ATCC 25922).

**Purity:** >98%
**Clinical Data:** No Development Reported
**Size:** 1 mg, 5 mg, 10 mg

---

Apramycin (Nebramycin II)  
Cat. No.: HY-17558

**Bioactivity:** Apramycin (Nebramycin II) is an aminoglycoside antibiotic used in veterinary medicine.

**Purity:** >98%
**Clinical Data:** No Development Reported
**Size:** 50 mg, 100 mg, 500 mg, 1 g, 5 g

---

Apramycin sulfate (Nebramycin II (sulfate))  
Cat. No.: HY-81329

**Bioactivity:** Apramycin sulfate is an aminoglycoside antibiotic produced by a strain of Streptomyces tenebrarius, used in veterinary practice.

**Purity:** 98.0%
**Clinical Data:** No Development Reported
**Size:** 10mM x 1mL in Water, 100 mg

---

AU1235  
Cat. No.: HY-101867

**Bioactivity:** AU1235 is an adamantyl urea inhibitor of Mycobacterium tuberculosis.

**Purity:** 99.27%
**Clinical Data:** No Development Reported
**Size:** 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

---

Avibactam free acid (NXL-104 (free acid))  
Cat. No.: HY-14879

**Bioactivity:** Avibactam free acid (NXL-104 free acid) is a covalent, reversible β-lactamase inhibitor, inhibits β-lactamase TEM-1 and CTX-M-15 with IC_{50} of 8 nM and 5 nM, respectively.

**Purity:** >98%
**Clinical Data:** Launched
**Size:** 5 mg, 10 mg, 50 mg

---

Avibactam sodium (NXL-104)  
Cat. No.: HY-14879A

**Bioactivity:** Avibactam sodium (NXL-104) is a covalent and reversible β-lactamase inhibitor which inhibits β-lactamase TEM-1 and CTX-M-15 with IC_{50} of 8 nM and 5 nM, respectively.

**Purity:** 99.99%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg, 200 mg
<table>
<thead>
<tr>
<th><strong>Avibactam sodium hydrate</strong></th>
<th><strong>AVX 13616</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong> Avibactam sodium hydrate is a covalent, reversible β-lactamase inhibitor, inhibits β-lactamase TEM-1 and CTX-M-15 with IC₅₀ of 8 nM and 5 nM, respectively.</td>
<td><strong>Bioactivity:</strong> AVX 13616 shows the potent in vivo antibacterial activity of Avexa’s lead antibacterial candidate; particularly against drug-resistant Staphylococcus pathogens.</td>
</tr>
<tr>
<td><strong>Purity:</strong> 99.0%</td>
<td><strong>Purity:</strong> &gt;98%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong> Launched</td>
<td><strong>Clinical Data:</strong> No Development Reported</td>
</tr>
<tr>
<td><strong>Size:</strong> 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg, 200 mg</td>
<td><strong>Size:</strong> 5 mg, 10 mg, 50 mg, 100 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Azathramycin</strong></th>
<th><strong>Azithromycin</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong> Azathramycin is an antibiotic.</td>
<td><strong>Bioactivity:</strong> Azithromycin is a macrolide antibiotic useful for the treatment of a number of bacterial infections.</td>
</tr>
<tr>
<td><strong>Purity:</strong> 98.0%</td>
<td><strong>Purity:</strong> 98.0%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong> No Development Reported</td>
<td><strong>Clinical Data:</strong> Launched</td>
</tr>
<tr>
<td><strong>Size:</strong> 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg, 250 mg, 500 mg</td>
<td><strong>Size:</strong> 10mM x 1mL in DMSO, 50 mg, 100 mg, 200 mg, 500 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Azithromycin hydrate</strong></th>
<th><strong>Azlocillin sodium salt</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong> Azithromycin hydrate is a macrolide antibiotic useful for the treatment of a number of bacterial infections.</td>
<td><strong>Bioactivity:</strong> Azlocillin sodium salt is an acylampicillin with a broad spectrum against bacteria.</td>
</tr>
<tr>
<td><strong>Purity:</strong> &gt;98%</td>
<td><strong>Purity:</strong> 98.0%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong> Launched</td>
<td><strong>Clinical Data:</strong> Launched</td>
</tr>
<tr>
<td><strong>Size:</strong> 50 mg, 100 mg</td>
<td><strong>Size:</strong> 10mM x 1mL in DMSO, 1 g, 5 g</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Azomycin</strong></th>
<th><strong>Aztreonam</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong> Azomycin is an antibiotic which can be active against aerobic Gram-positive and Gram-negative bacteria.</td>
<td><strong>Bioactivity:</strong> Aztreonam (SQ-26,776) is a synthetic monocyclic β-lactam antibiotic, which has a very high affinity for penicillin-binding protein 3 (PBP-3).</td>
</tr>
<tr>
<td><strong>Purity:</strong> 99.96%</td>
<td><strong>Purity:</strong> 98.79%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong> Phase 1</td>
<td><strong>Clinical Data:</strong> Launched</td>
</tr>
<tr>
<td><strong>Size:</strong> 10mM x 1mL in DMSO, 250 mg, 1 g</td>
<td><strong>Size:</strong> 10mM x 1mL in DMSO, 100 mg, 200 mg, 500 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Bacampicillin</strong></th>
<th><strong>Bacampicillin hydrochloride</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong> Bacampicillin is a penicillin antibiotic, is a prodrug of ampicillin with improved oral bioavailability.</td>
<td><strong>Bioactivity:</strong> Bacampicillin hydrochloride is a penicillin antibiotic, is a prodrug of ampicillin with improved oral bioavailability.</td>
</tr>
<tr>
<td><strong>Purity:</strong> &gt;98%</td>
<td><strong>Purity:</strong> 99.61%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong> Launched</td>
<td><strong>Clinical Data:</strong> Launched</td>
</tr>
<tr>
<td><strong>Size:</strong> 10 mg, 50 mg</td>
<td><strong>Size:</strong> 10mM x 1mL in DMSO, 10 mg, 50 mg</td>
</tr>
</tbody>
</table>
| **Bacitracin Zinc**  
Bacitracin zinc salt; Zinc bacitracin  
*Cat. No.: HY-80278* | **Bactenecin**  
(Bactenecin, bovine)  
*Cat. No.: HY-P1508* |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong> Bacitracin Zinc is a dephosphorylation of the C55-isoprenyl pyrophosphate interference for inhibition of cleavage of Tyr from Met-enkephalin with IC50 of 10 μM.</td>
<td><strong>Bioactivity:</strong> Bactenecin is a cyclic antimicrobial peptide isolated from bovine neutrophils with potent activity against Bacterial and Fungal species.</td>
</tr>
</tbody>
</table>
| **Purity:** 97.0%  
**Clinical Data:** Launched  
**Size:** 100 mg, 200 mg | **Purity:** >98%  
**Clinical Data:** No Development Reported  
**Size:** 1 mg, 5 mg, 10 mg |

| **Bactericin**  
Cat. No.: HY-80159 | **BAY-Y 3118**  
*Cat. No.: HY-U00092* |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong> Balofloxacin is a quinolone antibiotic, inhibiting the synthesis of bacterial DNA by interference with the enzyme DNA gyrase.</td>
<td><strong>Bioactivity:</strong> BAY-Y 3118 is a new chlorofluoroquinolone with antimicrobial activity.</td>
</tr>
</tbody>
</table>
| **Purity:** 98.09%  
**Clinical Data:** Launched  
**Size:** 100 mg, 500 mg | **Purity:** >98%  
**Clinical Data:** No Development Reported  
**Size:** 250 mg, 500 mg |

| **Bedaquiline**  
(TMC207; R207910)  
*Cat. No.: HY-14881* | **Bedaquiline fumarate**  
(R403323; TMC207 fumarate; R207910 fumarate)  
*Cat. No.: HY-14881A* |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong> Bedaquiline is a diarylquinoline antibiotic that inhibits mycobacterial ATP synthase.</td>
<td><strong>Bioactivity:</strong> Bedaquiline fumarate, a diarylquinoline antibiotic that targets ATP synthase, is effective for the treatment of Mycobacterium tuberculosis infections.</td>
</tr>
</tbody>
</table>
| **Purity:** 99.97%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg | **Purity:** 99.99%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg |

| **Bekanamycin**  
(Kanamycin B)  
*Cat. No.: HY-81174* | **Benzalkonium chloride**  
(Alkyldimethylbenzylammonium chloride)  
*Cat. No.: HY-82232* |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong> Bekanamycin is an aminoglycoside antibiotic.</td>
<td><strong>Bioactivity:</strong> Benzalkonium chloride is a potent anti-microbial agent, used as a preservative in eye drops.</td>
</tr>
</tbody>
</table>
| **Purity:** 98.0%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in Water, 100 mg | **Purity:** 98.0%  
**Clinical Data:** No Development Reported  
**Size:** 1 g |

| **Benzoic acid**  
*Cat. No.: HY-N0216* | **Berberine chloride**  
(Natural Yellow 18 (chloride))  
*Cat. No.: HY-18258* |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong> Benzoic Acid is an aromatic alcohol existing naturally in many plants and is a common additive to food, drinks, cosmetics and other products. It acts as preservatives through inhibiting both bacteria and fungi.</td>
<td><strong>Bioactivity:</strong> Berberine chloride is an alkaloid isolated from the Chinese herbal medicine Huanglian, as an antibiotic. Berberine chloride induces reactive oxygen species (ROS) generation and inhibits DNA topoisomerase. Antineoplastic properties [1]</td>
</tr>
</tbody>
</table>
| **Purity:** 99.95%  
**Clinical Data:** No Development Reported  
**Size:** 10mM x 1mL in DMSO, 100 mg | **Purity:** >98%  
**Clinical Data:** Launched  
**Size:** 100 mg, 500 mg |

---

*www.MedChemExpress.com*
Bioactivity: Berberine chloride hydrate is an alkaloid isolated from the Chinese herbal medicine Huanglian, as an antibiotic. Berberine chloride hydrate induces reactive oxygen species (ROS) generation and inhibits DNA topoisomerase. Antineoplastic properties.\(^1\)

Purity: 99.56%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

Bioactivity: Besifloxacin hydrochloride is a fourth-generation fluoroquinolone antibiotic.

Purity: 99.16%
Clinical Data: Launched
Size: 10 mg, 50 mg, 100 mg

Bioactivity: Berberine chloride hydrate (Natural Yellow 18 (chloride hydrate))

Cat. No.: HY-17577

Bioactivity: beta-lactamase-IN-1

Cat. No.: HY-19773

Bioactivity: Treating Neisseria gonorrhoeae infection which comprises administering to a subject in need thereof novel Tricyclic nitrogen containing compounds and corresponding pharmaceutical compositions as described herein.

Purity: >98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 50 mg, 100 mg

Bioactivity: Bethoxazin

Cat. No.: HY-17525

Bioactivity: Betoxazin is a new broad spectrum industrial microbicide with applications in material and coating preservation.

Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg, 50 mg

Bioactivity: Betulinaldehyde (Betulinic aldehyde; Betunal)

Cat. No.: HY-N0084

Bioactivity: Betulinaldehyde (Betoral) belongs to pentacyclic triterpenoids and was reported to exhibit antimicrobial activities against bacteria and fungi, including S. aureus.

Purity: 98.56%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

Bioactivity: Biapenem (CLI 86815; L 627; LJC 10627)

Cat. No.: HY-13573

Bioactivity: Biapenem (CLI 86815) a parenteral carbapenem antibacterial agent with a broad spectrum.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 10 mg, 50 mg

Bioactivity: Bicyclomycin benzoate

Cat. No.: HY-101128

Bioactivity: Bicyclomycin benzoate is an antibiotic exhibiting activity against a broad spectrum of Gram-negative bacteria and against the Gram-positive bacterium.

Purity: 99.79%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

Bioactivity: Blasticidin S hydrochloride

Cat. No.: HY-103401

Bioactivity: Blasticidin S hydrochloride is a nucleoside antibiotic isolated from Streptomyces griseochromogenes. Blasticidin S is a potent inhibitor of protein synthesis in both prokaryotic and eukaryotic cells.\(^1\)

Purity: 99.82%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 10 mg, 25 mg

Bioactivity: Bleomycin sulfate

Cat. No.: HY-17565

Bioactivity: Bleomycin sulfate is a DNA synthesis inhibitor with potent antitumor activity.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 10 mg, 50 mg
<table>
<thead>
<tr>
<th><strong>Cat. No.: HY-100725</strong></th>
<th><strong>Cat. No.: HY-109587</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong> BM212 exerts bactericidal activity against intracellular bacilli residing, completely inhibits the intracellular mycobacteria.</td>
<td><strong>Bioactivity:</strong> BM635 is a MmpL3 inhibitor with outstanding anti-mycobacterial activity. BM635 has a MIC&lt;sub&gt;50&lt;/sub&gt; of 0.12 μM against M. tuberculosis H37Rv.</td>
</tr>
<tr>
<td><strong>Purity:</strong> 99.33%</td>
<td><strong>Purity:</strong> 98.55%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong> No Development Reported</td>
<td><strong>Clinical Data:</strong> No Development Reported</td>
</tr>
<tr>
<td><strong>Size:</strong> 10 mM x 1 mL in DMSO, 1 mg, 5 mg, 10 mg, 50 mg, 100 mg</td>
<td><strong>Size:</strong> 10 mM x 1 mL in DMSO, 1 mg, 5 mg, 10 mg, 25 mg, 50 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Cat. No.: HY-19147</strong></th>
<th><strong>Cat. No.: HY-U00255</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong> BM-43748 is a promising antibacterial agent, exhibiting great in vitro and in vivo antibacterial activity.</td>
<td><strong>Bioactivity:</strong> BO3482 has Antimicrobial activity and can inhibit the growth of methicillin-resistant Staphylococcus (MRSA) with an MIC&lt;sub&gt;50&lt;/sub&gt; of 6.25 mg/mL.</td>
</tr>
<tr>
<td><strong>Purity:</strong> &gt;98%</td>
<td><strong>Purity:</strong> &gt;98%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong> No Development Reported</td>
<td><strong>Clinical Data:</strong> No Development Reported</td>
</tr>
<tr>
<td><strong>Size:</strong> 500 mg, 250 mg</td>
<td><strong>Size:</strong> 1 mg, 5 mg, 10 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Cat. No.: HY-P1546</strong></th>
<th><strong>Cat. No.: HY-19892</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong> Bombinin-Like Peptide (BLP-1) is an antimicrobial peptide from Bombina species.</td>
<td><strong>Bioactivity:</strong> Brilacidin is a nonpeptidic anti-infective in a new class of defensin mimetics that is being developed for the treatment of eye infections.</td>
</tr>
<tr>
<td><strong>Purity:</strong> &gt;98%</td>
<td><strong>Purity:</strong> 92.54%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong> No Development Reported</td>
<td><strong>Clinical Data:</strong> Phase 2</td>
</tr>
<tr>
<td><strong>Size:</strong> 1 mg, 5 mg, 10 mg</td>
<td><strong>Size:</strong> 1 mg, 5 mg, 10 mg, 20 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Cat. No.: HY-19050</strong></th>
<th><strong>Cat. No.: HY-B1217</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong> BRL-42715 is a potent inhibitor of a broad range of bacterial beta-lactamases (β-lactamase) &lt;sup&gt;[1]&lt;/sup&gt;.</td>
<td><strong>Bioactivity:</strong> Bronopol is an antimicrobial, with low mammalian toxicity (at in-use levels) and high activity against bacteria (especially the troublesome Gram-negative species).</td>
</tr>
<tr>
<td><strong>Purity:</strong> &gt;98%</td>
<td><strong>Purity:</strong> 98.0%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong> No Development Reported</td>
<td><strong>Clinical Data:</strong> Launched</td>
</tr>
<tr>
<td><strong>Size:</strong> 250 mg, 500 mg</td>
<td><strong>Size:</strong> 10 mM x 1 mL in DMSO, 100 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Cat. No.: HY-13579</strong></th>
<th><strong>Cat. No.: HY-13579A</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong> BTZ043 is an inhibitor of decaprenyl-phosphoribose-epimerase (DprE1), with MICs of 2.3 nM and 9.2 nM for M. tuberculosis H37Rv and Mycobacterium smegmatis, respectively.</td>
<td><strong>Bioactivity:</strong> BTZ043 Racemate is the racemate of BTZ043. BTZ043 is an inhibitor of decaprenyl-phosphoribose-epimerase (DprE1), and the antimicrobial activity of BTZ043 is more potent than BTZ043 Racemate.</td>
</tr>
<tr>
<td><strong>Purity:</strong> 99.66%</td>
<td><strong>Purity:</strong> 98.77%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong> No Development Reported</td>
<td><strong>Clinical Data:</strong> No Development Reported</td>
</tr>
<tr>
<td><strong>Size:</strong> 10 mM x 1 mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg</td>
<td><strong>Size:</strong> 10 mM x 1 mL in DMSO, 5 mg, 10 mg, 50 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Bioactivity</strong></th>
<th><strong>Purity</strong></th>
<th><strong>Clinical Data</strong></th>
<th><strong>Size</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Butylparaben is an organic compound, has proven to be a highly successful antimicrobial preservative in cosmetics, also used in medication suspensions, and as a flavoring additive in food.</td>
<td>99.10%</td>
<td>No Development Reported</td>
<td>10mM x 1mL in DMSO, 5 g</td>
</tr>
<tr>
<td>Capreomycin is a peptide antibiotic, commonly grouped with the aminoglycosides, which is given in combination with other antibiotics for MDR-tuberculosis.</td>
<td>99.0%</td>
<td>Launched</td>
<td>10mM x 1mL in Water, 1 g, 5 g</td>
</tr>
<tr>
<td>Carbenicillin is broad-spectrum semisynthetic penicillin derivative used parenterally. Target: Antibacterial Carbenicillin is a semi-synthetic penicillin antibiotic which interferes with cell wall synthesis of gram-negative bacteria while displaying low toxicity. The leukocytes of the patients...</td>
<td>&gt;98%</td>
<td>Launched</td>
<td>1 g, 5 g</td>
</tr>
<tr>
<td>Cecropin A is a linear 37-residue antimicrobial polypeptide, with anticancer and anti-inflammatory activity.</td>
<td>&gt;98%</td>
<td>No Development Reported</td>
<td>1 mg, 5 mg, 10 mg</td>
</tr>
<tr>
<td>Cefaclor is a second-generation cephalosporin antibiotic used to treat certain infections caused by bacteria such as pneumonia and infections of the ear, lung, skin, throat, and urinary tract. Target: Antibacterial Cefaclor belongs to the family of antibiotics known as the cephalosporins...</td>
<td>96.18%</td>
<td>Launched</td>
<td>10mM x 1mL in DMSO, 1 g, 5 g</td>
</tr>
<tr>
<td>Cefadroxil is a broad-spectrum antibiotic of the cephalosporin type, effective in Gram-positive and Gram-negative bacterial infections.</td>
<td>98.49%</td>
<td>Launched</td>
<td>10mM x 1mL in Water, 100 mg</td>
</tr>
<tr>
<td>Compound Name</td>
<td>Molecule ID</td>
<td>Bioactivity</td>
<td>Purity</td>
</tr>
<tr>
<td>---------------</td>
<td>-------------</td>
<td>-------------</td>
<td>--------</td>
</tr>
<tr>
<td>Cefamandole (Cephamandole)</td>
<td>HY-B1128</td>
<td>Cefamandole is a second-generation broad-spectrum cephalosporin antibiotic. As the antibiotic is broken down in the body, it releases free NMTT, which can cause hypoprothrombinemia.</td>
<td>&gt;98%</td>
</tr>
<tr>
<td>Cefamandole nafate (Cefamandole formate sodium; Cephamandole nafate)</td>
<td>HY-B1166</td>
<td>Cefamandole nafate is a second-generation broad-spectrum cephalosporin antibiotic.</td>
<td>98.07%</td>
</tr>
<tr>
<td>Cefamandole sodium (Cephamandole sodium)</td>
<td>HY-B1128A</td>
<td>Cefamandole Sodium Salt is a second-generation broad-spectrum cephalosporin antibiotic.</td>
<td>98.07%</td>
</tr>
<tr>
<td>Cefazolin sodium (Sodium cefazolin; Sodium cephalozin)</td>
<td>HY-B1078</td>
<td>Cefazolin sodium is a first-generation cephalosporin antibiotic, useful for the treatment of a number of bacterial infections.</td>
<td>96.96%</td>
</tr>
<tr>
<td>Cefdinir (FK-482; CI-983)</td>
<td>HY-80136</td>
<td>Cefdinir (FK-482) is a semi-synthetic, broad-spectrum antibiotic, which is proved to be effective for common bacterial infections of the ear, sinus, throat, and skin.</td>
<td>99.56%</td>
</tr>
<tr>
<td>Cefditoren Pivoxil (Cefditoren pivoxyl; Cefditoren pivoxal oxymethyl ester; ME 1207)</td>
<td>HY-17452A</td>
<td>Cefditoren pivoxil is a new-third generation cephalosporin antibiotic that has a broad spectrum of activity against Gram-positive and Gram-negative bacteria, including common respiratory and skin pathogens.</td>
<td>99.48%</td>
</tr>
<tr>
<td>Cefepime Dihydrochloride Monohydrate</td>
<td>HY-80616</td>
<td>Cefepime Dihydrochloride Monohydrate is a broad-spectrum cephalosporin with enhanced coverage against Gram-positive and Gram-negative bacteria. Target: Antibacterial Cefepime is an extended-spectrum parenteral cephalosporin antibiotic active in vitro against a broad spectrum of gram-positive and...</td>
<td>99.94%</td>
</tr>
<tr>
<td>Cefetamet pivoxil hydrochloride (Ro 15-8075)</td>
<td>HY-B1894A</td>
<td>Cefetamet pivoxil hydrochloride is an oral third generation cephalosporin antibiotic.</td>
<td>98.0%</td>
</tr>
<tr>
<td>Cefiderocol (S-649266)</td>
<td>HY-17628</td>
<td>Cefiderocol is a novel siderophore cephalosporin which has a potent activity against a broad range of aerobic Gram-negative bacterial species with MIC50 of 2 μg/mL or less.</td>
<td>98.65%</td>
</tr>
<tr>
<td>Cefixime (FR-17027; FK-027; CL-284635)</td>
<td>HY-1381</td>
<td>Cefixime is an antibiotic and a third generation cephalosporin antibiotic, useful for the treatment of a number of bacterial infections.</td>
<td>99.56%</td>
</tr>
</tbody>
</table>

www.MedChemExpress.com
Cefmenoxime hydrochloride (Cefmenoxime hemihydrochloride; SCE-1365 hemihydrochloride) Cat. No.: HY-B0875

**Bioactivity:** Cefmenoxime hydrochloride is a third-generation cephalosporin antibiotic.

**Purity:** 97.66%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in DMSO, 100 mg, 500 mg

---

Cefmetazole sodium (Sodium cefmetazole) Cat. No.: HY-B1257

**Bioactivity:** Cefmetazole sodium is a semisynthetic cephemycin antibiotic.

**Purity:** 95.0%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in DMSO, 100 mg

---

Cefonicid sodium (Cefonicid disodium salt) Cat. No.: HY-B1300

**Bioactivity:** Cefonicid sodium is a broadspectrum cephalosporin antibiotic which inhibits the formation of the bacterial cell wall. Target: Antibacterial Cefonicid sodium can inhibit the carnitine/carnitine antport when it is added internally and externally to proteoliposomes. It is known that the molecule...

**Purity:** 98.0%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in DMSO, 50 mg

---

Cefoperazone Cat. No.: HY-B0210

**Bioactivity:** Cefoperazone is a cephalosporin antibiotic for inhibition of rMrp2-mediated [3H]E217βG uptake with IC50 of 199 μM. Target: Antibacterial Cefoperazone is a sterile, semisynthetic, broad-spectrum, parenteral cephalosporin antibiotic for intravenous or intramuscular administration. After intravenous...

**Purity:** >98%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in DMSO, 1 g, 5 g

---

Cefoselis hydrochloride Cat. No.: HY-B0186A

**Bioactivity:** Cefoselis is a widely used beta-lactam antibiotic.

**Purity:** >98%
**Clinical Data:** Launched
**Size:** 5 mg, 10 mg, 50 mg, 100 mg

---

Cefoselis sulfate (FK-037) Cat. No.: HY-B0186B

**Bioactivity:** Cefoselis is a widely used beta-lactam antibiotic.

**Purity:** 98.0%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

---

Cefotaxime sodium salt (Cefotaxim (sodium salt); HR-756 (sodium salt)) Cat. No.: HY-A0088

**Bioactivity:** Cefotaxime sodium salt is a third-generation cephalosporin antibiotic; broad-spectrum antibiotic with activity against numerous Gram-positive and Gram-negative bacteria.

**Purity:** 98.87%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in DMSO, 1 g, 5 g

---

Cefotiam hydrochloride (SCE-963 hydrochloride) Cat. No.: HY-B0734A

**Bioactivity:**

**Purity:** 98.0%
**Clinical Data:** Launched
**Size:** 10 mg, 50 mg

---

Tel: 609-228-6898 Fax: 609-228-5909 Email: sales@MedChemExpress.com
Cefoxitin sodium (MK-306)  
**Bioactivity:** Cefoxitin sodium (MK-306) is a cephamycin antibiotic, often grouped with the second generation cephalosporins, acts by interfering with cell wall synthesis, its activity spectrum includes a broad range of gram-negative and gram-positive bacteria.

**Purity:** 98.0%

**Clinical Data:** Launched

**Size:** 10mM x 1mL in DMSO, 250 mg

---

Cefozopran (SCE-2787)  
**Bioactivity:** Cefozopran (SCE-2787) is a fourth-generation cephalosporin.

**Purity:** >98%

**Clinical Data:** Launched

**Size:** 50 mg, 100 mg

---

Cefozopran hydrochloride (SCE-2787 hydrochloride)  
**Bioactivity:** Cefozopran HCl(SCE 2787 HCl) is a fourth-generation cephalosporin.

**Purity:** 97.66%

**Clinical Data:** Launched

**Size:** 10mM x 1mL in Water, 50 mg, 100 mg

---

Cefpirome sulfate (HR-810 sulfate)  
**Bioactivity:** Cefpirome sulfate (HR-810 sulfate) is a fourth generation cephalosporin antibiotic.

**Purity:** 99.57%

**Clinical Data:** Launched

**Size:** 100 mg, 500 mg

---

Cefpirome sulfate (HR-810 sulfate)  
**Bioactivity:** Cefpirome sulfate (HR-810 sulfate) is a fourth generation cephalosporin antibiotic.

**Purity:** 98.0%

**Clinical Data:** Launched

**Size:** 10mM x 1mL in DMSO, 10 mg, 50 mg

---

Cefozopran hydrochloride (SCE-2787 hydrochloride)  
**Bioactivity:** Cefozopran hydrochloride (SCE-2787 hydrochloride) is a fourth-generation cephalosporin.

**Purity:** 95.0%

**Clinical Data:** Launched

**Size:** 50 mg, 100 mg

---

Cefpiramide sodium (SM-1652; Wy-44635)  
**Bioactivity:** Cefpiramide sodium (SM-1652; Wy-44635) is a new Pseudomonas-active cephalosporin with a broad spectrum of antibacterial activity. IC50 value: Target: antibacterial agent Cefpiramide was moderately susceptible to hydrolysis by a variety of beta-lactamases from Gram-negative bacilli....

**Purity:** 95.0%

**Clinical Data:** Launched

**Size:** 10 mg, 50 mg

---

Cefpiramide sodium (SM-1652; Wy-44635)  
**Bioactivity:** Cefpiramide sodium (SM-1652; Wy-44635) is a new Pseudomonas-active cephalosporin with a broad spectrum of antibacterial activity. IC50 value: Target: antibacterial agent Cefpiramide was moderately susceptible to hydrolysis by a variety of beta-lactamases from Gram-negative bacilli....

**Purity:** 95.0%

**Clinical Data:** Launched

**Size:** 10 mg, 50 mg

---

Cefpirome sulfate (HR-810 sulfate)  
**Bioactivity:** Cefpirome sulfate (HR-810 sulfate) is a fourth generation cephalosporin antibiotic.

**Purity:** 99.57%

**Clinical Data:** Launched

**Size:** 100 mg, 500 mg

---

Cefradine (Cephradine; SQ-11436)  
**Bioactivity:** Cefradine is a first generation cephalosporin antibiotic.

**Purity:** 95.0%

**Clinical Data:** Launched

**Size:** 10mM x 1mL in DMSO, 100 mg, 500 mg

---

Cefsulodin sodium  
**Bioactivity:** Cefsulodin sodium salt hydrate is a third generation β lactam antibiotic and member of the cephems subgroup of antibiotics. Target: Antibacterial The compound displays a mechanism of action like many β lactam antibiotics through inhibition of cell wall synthesis by competitively inhibiting penicillin...

**Purity:** 96.50%

**Clinical Data:** Launched

**Size:** 10mM x 1mL in DMSO, 100 mg

---

Ceftaroline fosamil (TAK-599; PRI0903)  
**Bioactivity:** Ceftaroline fosamil is a cephalosporin with activity against Gram-positive pathogens, including methicillin-resistant Staphylococcus aureus (MRSA).

**Purity:** 98.28%

**Clinical Data:** Launched

**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

---

Ceftazidime (GR20263)  
**Bioactivity:** Ceftazidime is a beta-lactam, third-generation cephalosporin antibiotic by interfering with bacterial cell wall synthesis and inhibiting cross-linking of the peptidoglycan.

**Purity:** 99.72%

**Clinical Data:** Launched

**Size:** 10mM x 1mL in DMSO, 1 g, 5 g
### Ceftibuten
**Cat. No.: HY-80698**

<table>
<thead>
<tr>
<th>Bioactivity</th>
<th>Ceftibuten(Sch39720) is a third-generation cephalosporin antibiotic.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purity</td>
<td>&gt;98%</td>
</tr>
<tr>
<td>Clinical Data</td>
<td>Launched</td>
</tr>
<tr>
<td>Size</td>
<td>10 mg, 50 mg, 100 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bioactivity</th>
<th>Ceftibuten dihydrate is a third-generation cephalosporin antibiotic.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purity</td>
<td>98.80%</td>
</tr>
<tr>
<td>Clinical Data</td>
<td>Launched</td>
</tr>
<tr>
<td>Size</td>
<td>10 mg, 50 mg, 100 mg</td>
</tr>
</tbody>
</table>

### Ceftiofur sodium
**Cat. No.: HY-80898**

<table>
<thead>
<tr>
<th>Bioactivity</th>
<th>Ceftiofur sodium is an antibiotic of the cephalosporin type (third generation), licensed for use in veterinary medicine.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purity</td>
<td>96.65%</td>
</tr>
<tr>
<td>Clinical Data</td>
<td>No Development Reported</td>
</tr>
<tr>
<td>Size</td>
<td>10mM x 1mL in DMSO, 100 mg</td>
</tr>
</tbody>
</table>

### Ceftizoxime
**Cat. No.: HY-B1596**

<table>
<thead>
<tr>
<th>Bioactivity</th>
<th>Ceftizoxime is a bacterial inhibitor which acts by interfering with bacterial cell wall synthesis and inhibiting cross-linking of the peptidoglycan.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purity</td>
<td>99.47%</td>
</tr>
<tr>
<td>Clinical Data</td>
<td>No Development Reported</td>
</tr>
<tr>
<td>Size</td>
<td>10mM x 1mL in DMSO, 50 mg, 100 mg</td>
</tr>
</tbody>
</table>

### Ceftizoxime sodium
**Cat. No.: HY-B1596A**

<table>
<thead>
<tr>
<th>Bioactivity</th>
<th>Ceftizoxime sodium (SKF-88373) is third generation cephalosporin effective against Gram-negative and Gram-positive bacteria. It binds penicillin-binding proteins (PBPs) and inhibits the bacterial cell wall synthesis.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purity</td>
<td>99.76%</td>
</tr>
<tr>
<td>Clinical Data</td>
<td>Launched</td>
</tr>
<tr>
<td>Size</td>
<td>50 mg, 100 mg</td>
</tr>
</tbody>
</table>

### Ceftobiprole
**Cat. No.: HY-112579**

<table>
<thead>
<tr>
<th>Bioactivity</th>
<th>Ceftobiprole is a broad-spectrum cephalosporin with activity against Methicillin-resistant staphylococcus aureus (MRSA) with the MIC&lt;sub&gt;90&lt;/sub&gt; value of 2 mcg/mL.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purity</td>
<td>95.0%</td>
</tr>
<tr>
<td>Clinical Data</td>
<td>No Development Reported</td>
</tr>
<tr>
<td>Size</td>
<td>5 mg, 10 mg, 25 mg, 50 mg, 100 mg</td>
</tr>
</tbody>
</table>

### Ceftriaxone
**Cat. No.: HY-80712**

<table>
<thead>
<tr>
<th>Bioactivity</th>
<th>Ceftriaxone is an antibiotic useful for the treatment of a number of bacterial infections.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purity</td>
<td>&gt;98%</td>
</tr>
<tr>
<td>Clinical Data</td>
<td>Launched</td>
</tr>
<tr>
<td>Size</td>
<td>100 mg, 500 mg</td>
</tr>
</tbody>
</table>

### Ceftriaxone sodium hydrate
**Cat. No.: HY-80712A**

<table>
<thead>
<tr>
<th>Bioactivity</th>
<th>Ceftriaxone sodium hydrate is an antibiotic useful for the treatment of a number of bacterial infections; a third-generation cephalosporin.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purity</td>
<td>&gt;98%</td>
</tr>
<tr>
<td>Clinical Data</td>
<td>Launched</td>
</tr>
<tr>
<td>Size</td>
<td>100 mg, 500 mg</td>
</tr>
</tbody>
</table>

### Ceftriaxone sodium salt
**Cat. No.: HY-80712B**

<table>
<thead>
<tr>
<th>Bioactivity</th>
<th>Ceftriaxone sodium salt is an antibiotic useful for the treatment of a number of bacterial infections. Target: Antibacterial Ceftriaxone inhibits bacterial cell wall synthesis by means of binding to the penicillin-binding proteins (PBPs). Inhibition of PBPs would in turn inhibit the...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purity</td>
<td>96.72%</td>
</tr>
<tr>
<td>Clinical Data</td>
<td>Launched</td>
</tr>
<tr>
<td>Size</td>
<td>100 mg, 500 mg</td>
</tr>
</tbody>
</table>

### Ceftriaxone sodium salt
**Cat. No.: HY-U00154**

<table>
<thead>
<tr>
<th>Bioactivity</th>
<th>SKF81367 is a cephalosporin antibiotic.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purity</td>
<td>&gt;98%</td>
</tr>
<tr>
<td>Clinical Data</td>
<td>No Development Reported</td>
</tr>
<tr>
<td>Size</td>
<td>5 mg</td>
</tr>
</tbody>
</table>

---

**Tel:** 609-228-6898  **Fax:** 609-228-5909  **Email:** sales@MedChemExpress.com
Bioactivity: Cefuroxime sodium is an enteral or oral second-generation cephalosporin antibiotic.

Purity: 99.69%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g

Bioactivity: Cefalexin is a cephalosporin antibiotic. Target: Antibacterial

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 1 g, 5 g

Bioactivity: Cephalexin hydrochloride is a cephalosporin antibiotic.

Purity: >98%
Clinical Data: Launched
Size: 1 g, 5 g

Bioactivity: Cephalexin monohydrate is a cephalosporin antibiotic.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g, 5 g

Bioactivity: Cephalothin sodium is a first generation cephem antibiotic with a wide range antibacterial activity, is active against gram-positive and gram-negative bacteria.

Purity: 98.65%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 100 mg

Bioactivity: Ceratotoxin A, a 29-residue peptide isolated from the accessory gland secretion fluid, with strong anti-bacterial activity.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 20 mg

Bioactivity: Ceratotoxin B is antibacterial peptide produced by the sexually mature females of Ceratitis capitata. Lytic and antibacterial activity [{1}].

Purity: >98%
Clinical Data: No Development Reported
Size: 

Bioactivity: Cethromycin (ABT-773, Abbott-195773, A-195773) is a ketolide antibiotic [{1}].

Purity: >98%
Clinical Data: No Development Reported
Size: 500 mg, 100 mg, 250 mg

Bioactivity: Cetylpyridinium chloride monohydrate is a cationic quaternary ammonium compound, used in some types of mouthwashes, toothpastes, throat and nasal sprays, is an antiseptic that kills bacteria and other microorganisms, effective in preventing dental plaque and reducing gingivitis.

Purity: 98.95%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 100 mg

Bioactivity: CHIR-090 is a potent, slow, tight-binding inhibitor of the LpxC deacetylase. It binds to E. coli LpxC with a K_i of 4.0 nM.

Purity: 99.20%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg
Chitosan
(Deacetylated chitin; Poly(D-glucosamine))
Cat. No.: HY-B2144

Bioactivity: Chitosan is a natural polycationic linear polysaccharide derived from chitin.

Purity: 95.00%
Clinical Data: Phase 4
Size: 10 g

---

Chloramphenicol
Cat. No.: HY-B0239

Bioactivity: Chloramphenicol is a broad-spectrum antibiotic against bacterial infections.

Purity: 99.82%
Clinical Data: Launched
Size: 1 g, 5 g, 100 g

---

Chlorhexidine
Cat. No.: HY-B1248

Bioactivity: Chlorhexidine is an antibacterial used as an antiseptic and for other applications. Target: Antibacterial Chlorhexidine belongs to a group of medicines called antiseptic antibacterial agents. It is used to clean the skin after an injury, before surgery, or before an injection. Chlorhexidine...

Purity: 98.78%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 10 mg

---

Chlorhexidine digluconate
Cat. No.: HY-B0608

Bioactivity: Chlorhexidine digluconate is an antiseptic effective against a wide variety of gram-negative and gram-positive organisms. Target: Antibacterial Chlorhexidine digluconate is a chemical antiseptic. It is effective on both Gram-positive and Gram-negative bacteria, although it is less effective with...

Purity: 99.82%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg, 1 g, 5 g

---

Chlorhexidine dihydrochloride
Cat. No.: HY-B1145

Bioactivity: Chlorhexidine dihydrochloride is an antibacterial, used as an antiseptic and for other applications.

Purity: >98%
Clinical Data: Launched
Size: 100 mg

---

Chlorhexidine digluconate
Cat. No.: HY-B0608

Bioactivity: Chlorhexidine digluconate is an antiseptic effective against a wide variety of gram-negative and gram-positive organisms. Target: Antibacterial Chlorhexidine digluconate is a chemical antiseptic. It is effective on both Gram-positive and Gram-negative bacteria, although it is less effective with...

Purity: 99.82%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg

---

Chlorhexidine dihydrochloride
Cat. No.: HY-B1145

Bioactivity: Chlorhexidine dihydrochloride is an antibacterial, used as an antiseptic and for other applications.

Purity: >98%
Clinical Data: Launched
Size: 100 mg

---

Chlorhexidine digluconate
Cat. No.: HY-B0608

Bioactivity: Chlorhexidine digluconate is an antiseptic effective against a wide variety of gram-negative and gram-positive organisms. Target: Antibacterial Chlorhexidine digluconate is a chemical antiseptic. It is effective on both Gram-positive and Gram-negative bacteria, although it is less effective with...

Purity: 99.82%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg

---

Chloroxine
Cat. No.: HY-B0295

Bioactivity: Chloroxine is a synthetic antibacterial compound that is effective in the treatment of dandruff and seborrheic dermatitis when incorporated in a shampoo.

Purity: 98.58%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

---

Chloroxylenol
(4-Chloro-3,5-dimethylphenol; PCMX)
Cat. No.: HY-B1414

Bioactivity: Chloroxylenol is a broad spectrum antimicrobial chemical compound used to control bacteria, algae, fungi and virus. Target: Antibacterial Chloroxylenol is used in hospitals and households for disinfection and sanitation. Chloroxylenol is also commonly used in antibacterial soaps, wound-cleansing...

Purity: 99.20%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 5 g

---

Chlorquinaldol
(5,7-Dichloro-8-hydroxy-2-methylquinoline)
Cat. No.: HY-B1360

Bioactivity: Chlorquinaldol is a mono-hydroxyquinoline, is an antifungal and antibacterial, used for topical treatment of skin conditions and vaginal infections.

Purity: 98.13%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g

---

Chlortetracycline hydrochloride
(7-Chlortetracycline hydrochloride)
Cat. No.: HY-B1327

Bioactivity: Chlortetracycline Hydrochloride is a specific and potent calcium ionophore antibiotic, inhibit binding of aminoacl-TRNA to ribosomes.

Purity: 95.0%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 250 mg

---

Cinoxacin
(Compound 64716)
Cat. No.: HY-B1085

Bioactivity: Cinoxacin was an older synthetic antimicrobial related to the quinolone class of antibiotics, with activity similar to oxolinic acid and nalidixic acid.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg

---
### Ciprofloxacin (Bay-09867)  
**Cat. No.:** HY-B0356  
**Bioactivity:** Ciprofloxacin (Bay-09867) is a fluoroquinolone antibiotic, exhibiting potent antibacterial activity.  
**Purity:** 98.74%  
**Clinical Data:** Launched  
**Size:** 1 g, 5 g

### Ciprofloxacin hydrochloride (Bay-09867 (hydrochloride))  
**Cat. No.:** HY-B0356A  
**Bioactivity:** Ciprofloxacin hydrochloride (Bay-09867 (hydrochloride)) is a fluoroquinolone antibiotic, exhibiting potent antibacterial activity.  
**Purity:** 99.27%  
**Clinical Data:** Launched  
**Size:** 1 g, 5 g

### Clarithromycin  
**Cat. No.:** HY-17508  
**Bioactivity:** Clarithromycin is a macrolide antibiotic and a CYP3A4 inhibitor. Clarithromycin is a macrolide antibiotic used to treat pharyngitis, tonsillitis, acute maxillary sinusitis, acute bacterial exacerbation of chronic bronchitis, pneumonia (especially atypical pneumonias...  
**Purity:** 98.53%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 100 mg, 200 mg, 500 mg

### Clinafloxacin (AM-1091; CI-960; PD 127391)  
**Cat. No.:** HY-B0536  
**Bioactivity:** Clinafloxacin(PD-127391) is a fluoroquinolone antibiotic. Clinafloxacin is a broad-spectrum antibacterial agent of the quinolone carboxylic acid category currently in development for intravenous and oral therapy of serious infections [1]. Clinafloxacin is a novel fluoroquinolone with...  
**Purity:** 98.0%  
**Clinical Data:** No Development Reported  
**Size:** 50 mg

### Clindamycin hydrochloride  
**Cat. No.:** HY-B0408A  
**Bioactivity:** Clindamycin (hydrochloride) is a semisynthetic lincosamide antibiotic, which inhibits protein synthesis by acting on the 50S ribosomal.  
**Purity:** 98.0%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 100 mg, 200 mg, 500 mg

### Clindamycin phosphate  (Clindamycin 2-dihydrogen phosphate; Clindamycin 2-phosphate; U-28508)  
**Cat. No.:** HY-B1064  
**Bioactivity:** Clindamycin phosphate is an antibiotic, which blocks the ribosomes of microorganisms. It is usually used to treat infections with anaerobic bacteria, can also be used to treat protozoal diseases, such as malaria.  
**Purity:** 98.0%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in Water, 50 mg, 100 mg

### Clofazimine  
**Cat. No.:** HY-B1046  
**Bioactivity:** Clofazimine is a fat-soluble iminophenazine dye, has a marked anti-inflammatory effect, has been used in combination with other antimycobacterial drugs to treat AIDS and Crohn’s disease.  
**Purity:** 98.78%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 500 mg

### Clofoctol  
**Cat. No.:** HY-B1150  
**Bioactivity:** Clofoctol is a bacteriostatic antibiotic. It is used in the treatment of respiratory tract and ear, nose and throat infections caused by Gram-positive bacteria. It is only functional against Gram-positive bacteria, It penetrates into human lung tissue.  
**Purity:** 99.66%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 100 mg

### Closthoamide  
**Cat. No.:** HY-101472  
**Bioactivity:** Closthoamide is a potent inhibitor of bacterial DNA gyrase and highly active against Ec, MRSA, VRE and Mv), with MICs of 9.00 μM, 0.58 μM, 0.58 μM and 72.03 μM respectively.  
**Purity:** >98%  
**Clinical Data:** No Development Reported  
**Size:** 250 mg, 500 mg

### Cloxacillin sodium monohydrate  
**Cat. No.:** HY-B0466  
**Bioactivity:** Cloxacillin sodium monohydrate is a semi-synthetic antibiotic that is a chlorinated derivative of oxacillin.  
**Purity:** 98.0%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 100 mg, 500 mg
<table>
<thead>
<tr>
<th>Compound</th>
<th>Cat. No.</th>
<th>Bioactivity</th>
<th>Purity</th>
<th>Clinical Data</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cloxiquine (5-Chloro-8-quinolinol; Dermofungin)</td>
<td>HY-80963</td>
<td>Bioactivity: Cloxiquine is an antibacterial, antifungal, antiaging and antituberculosis drug.</td>
<td>98.0%</td>
<td>No Development Reported</td>
<td>10mM x 1mL in DMSO, 5 g</td>
</tr>
<tr>
<td>Cloxiquine</td>
<td>HY-80963</td>
<td>Bioactivity: Cloxiquine is an antibacterial, antifungal, antiaging and antituberculosis drug.</td>
<td>&gt;98%</td>
<td>No Development Reported</td>
<td>100 mg, 500 mg, 250 mg</td>
</tr>
<tr>
<td>CRS400393</td>
<td>HY-112702</td>
<td>Bioactivity: CRS400393 is a potent antimycobacterial agent, with MIC of 0.03, 2, and ≤ 0.12 µg/mL against M. abs., M. avium, M. intracellulare, and M. tuberculosis, respectively [1].</td>
<td>&gt;98%</td>
<td>No Development Reported</td>
<td></td>
</tr>
<tr>
<td>Cyanoacetohydrazide (Cyanoacetic hydrazide; 2-Cyanoacetohydrazide)</td>
<td>HY-80994</td>
<td>Bioactivity: Cyanoacetohydrazide is an anti-TB drug.</td>
<td>99.53%</td>
<td>No Development Reported</td>
<td>10mM x 1mL in DMSO, 5 g</td>
</tr>
<tr>
<td>Curzerenone</td>
<td>HY-N3651</td>
<td>Bioactivity: Curzerenone is one of constituents of leaf essential oil extracted from L. pulcherrima. Shows slight inhibitory effective against E. coli [1].</td>
<td>&gt;98%</td>
<td>No Development Reported</td>
<td></td>
</tr>
<tr>
<td>Cyproconazole</td>
<td>HY-A0277</td>
<td>Bioactivity: Cyproconazole is a triazole fungicide that is used agriculturally for protection of crops against a wide variety of fungal pathogens.</td>
<td>98.03%</td>
<td>No Development Reported</td>
<td>10mM x 1mL in DMSO, 1 g, 5 g, 10 g</td>
</tr>
<tr>
<td>D-Atabrine dihydrochloride</td>
<td>HY-13735D</td>
<td>Bioactivity: D-Atabrine dihydrochloride is an active enantiomer of quinacrine which displays antiprion activity.</td>
<td>98.06%</td>
<td>No Development Reported</td>
<td>10mM x 1mL in DMSO, 10 mg</td>
</tr>
<tr>
<td>D-Cycloserine</td>
<td>HY-B0030</td>
<td>Bioactivity: D-Cycloserine is an analog of the amino acid D-alanine. Target: Antibacterial D-Cycloserine selectively potentiated the duration of motor cortical excitability enhancements induced by anodal tDCS. D-Cycloserine alone did not modulate excitability [1]. Participants receiving d-cycloserine in...</td>
<td>98.0%</td>
<td>No Development Reported</td>
<td>10mM x 1mL in DMSO, 100 mg, 500 mg</td>
</tr>
<tr>
<td>D13-9001</td>
<td>HY-124819</td>
<td>Bioactivity: D13-9001 is a potent AcrB (AcrAB-ToIC efflux pump subunit) and MexB (MexAB-OprM efflux pump subunit) inhibitor with the K&lt;sub&gt;D&lt;/sub&gt; values of 1.15 µM and 3.57 µM in E. coli and P. aeruginosa, respectively [1]. D13-9001 exhibits antibio...</td>
<td>&gt;98%</td>
<td>No Development Reported</td>
<td>250 mg, 500 mg</td>
</tr>
<tr>
<td>Dalbavancin (MDL-63397; BT-397)</td>
<td>HY-17586</td>
<td>Bioactivity: Dalbavancin is a lipoglycopeptide antibiotic agent that is active against gram-positive pathogens.</td>
<td>99.48%</td>
<td>No Development Reported</td>
<td>10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg</td>
</tr>
</tbody>
</table>

**Bioactivity**

*Cloxiquine* is an antibacterial, antifungal, antiaging and antituberculosis drug.

*Colistin sulfate* is a polypeptide antibiotic which inhibits *gram-negative bacteria* by binding to lipopolysaccharides and phospholipids in the outer cell membrane of *gram-negative bacteria*.

*Curzerenone* is one of constituents of leaf essential oil extracted from *L. pulcherrima*. Shows slight inhibitory effective against *E. coli* [1].

*Cyanoacetohydrazide* is an anti-TB drug.

*Cyproconazole* is a triazole fungicide that is used agriculturally for protection of crops against a wide variety of fungal pathogens.

*D-Atabrine dihydrochloride* is an active enantiomer of quinacrine which displays antiprion activity.

*D-Cycloserine* is an analog of the amino acid D-alanine. Target: Antibacterial D-Cycloserine selectively potentiated the duration of motor cortical excitability enhancements induced by anodal tDCS. D-Cycloserine alone did not modulate excitability [1]. Participants receiving d-cycloserine in...

*D13-9001* is a potent AcrB (AcrAB-ToIC efflux pump subunit) and MexB (MexAB-OprM efflux pump subunit) inhibitor with the K<sub>D</sub> values of 1.15 µM and 3.57 µM in *E. coli* and *P. aeruginosa*, respectively [1]. D13-9001 exhibits antibio...

*Dalbavancin* is a lipoglycopeptide antibiotic agent that is active against gram-positive pathogens.
Bioactivity: Dalfopristin is a semi-synthetic streptogramin antibiotic. Quinupristin/Dalfopristin (Q/D) is a valuable alternative antibody to vancomycin for the treatment of multi-drug resistant Enterococcus faecium infections.

Purity: 98.07%
Clinical Data: Launched
Size: 10 mM x 1 mL in DMSO, 1 mg, 5 mg, 10 mg

Bioactivity: Danofloxacin mesylate (CP 76136-27) is a fluoroquinolone antibacterial for veterinary use.

Purity: 99.59%
Clinical Data: Launched
Size: 10 mM x 1 mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

Bioactivity: Dapsone (4,4′-Diaminodiphenyl sulfone, DDS) is an antibacterial most commonly used in combination with rifampicin and clofazimine as multidrug therapy (MDT) for the treatment of Mycobacterium leprae. Target: Antibacterial Dapsone is an antibacterial most commonly used in combination with rifampicin and clofazimine as multidrug therapy (MDT) for the treatment of Mycobacterium...[1]

Purity: 99.15%
Clinical Data: Launched
Size: 10 mM x 1 mL in DMSO, 1 g, 5 g

Bioactivity: Daptozyme is a lipoamide antibiotic with rapid in vitro bactericidal activity against gram-positive organisms.

Bioactivity: Danofloxacin mesylate (CP 76136-27 meglumine) is a broad-spectrum fluoroquinolone antibiotic. Delafloxacin has a broad spectrum of activity that includes drug-resistant Staphylococcus aureus, Streptococcus pneumoniae, and Klebsiella pneumoniae.[1]

Purity: 98.07%
Clinical Data: Launched
Size: 10 mM x 1 mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg
Demeclocycline hydrochloride  
Cat. No.: HY-17560

**Bioactivity:** Demeclocycline HCl is a tetracycline antibiotic, is an antibiotic in the treatment of Lyme disease, acne, and bronchitis.

**Purity:** 97.08%

**Clinical Data:** Launched

**Size:** 10mM x 1mL in DMSO, 100 mg, 500 mg

---

Dermaseptin  
Cat. No.: HY-P0263

**Bioactivity:** Dermaseptin, a peptide isolated from frog skin, exhibits potent antimicrobial activity against bacteria, fungi, and protozoa.

**Purity:** >98%

**Clinical Data:** No Development Reported

**Size:** 500 µg, 1 mg, 5 mg

---

Dextrorotation nimorazole phosphate ester  
Cat. No.: HY-18716

**Bioactivity:** Dextrorotation nimorazole phosphate ester is an anti-anaerobic and anti-parasitic agent.

**Purity:** 98.0%

**Clinical Data:** Launched

**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

---

Dianemycin  
(Nanchangmycin (free acid))  
Cat. No.: HY-100528A

**Bioactivity:** Dianemycin (Nanchangmycin free acid), produced by Streptomyces nanchangensis NS3226, inhibits gram-positive bacteria. Dianemycin is a broad spectrum antiviral active against Zika virus.

**Purity:** 98.0%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 50 mg, 100 mg

---

Diaveridine  
(EGIS-5645)  
Cat. No.: HY-B1902

**Bioactivity:** Diaveridine (EGIS-5645) is a dihydrofolate reductase (DHFR) inhibitor with a Kᵢ of 11.5 nM for the wild type DHFR and also an antibacterial agent.

**Purity:** 98.48%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in DMSO, 250 mg, 1 g, 5 g

---

Dicloxacillin Sodium hydrate  
(Dicloxacillin sodium salt monohydrate)  
Cat. No.: HY-B0977

**Bioactivity:** Dicloxacillin NaOH is a narrow-spectrum β-Lactam antibiotic of the penicillin class, is used to treat infections caused by susceptible Gram-positive bacteria, active against beta-lactamase-producing organisms such as Staphylococcus aureus.

**Purity:** 98.94%

**Clinical Data:** Launched

**Size:** 10mM x 1mL in Water, 50 mg

---

Dihydrostreptomycin sulfate  
(Dihydrostreptomycin sesquisulfate)  
Cat. No.: HY-81241

**Bioactivity:** Dihydrostreptomycin sulfate is an aminoglycoside antibiotic, used to treat bacterial diseases in cattle, pigs and sheep.

**Purity:** 98.0%

**Clinical Data:** Phase 1

**Size:** 10mM x 1mL in Water, 1 g

---

Diiodohydroxyquinoline  
(Iodoquinol; 5,7-Diiodo-8-hydroxyquinoline; 5,7-Diiodo-8-quinolinol)  
Cat. No.: HY-B1400

**Bioactivity:** Diiodohydroxyquinoline is a topical therapeutic agent, with satisfactory antibacterial properties.

**Purity:** 99.0%

**Clinical Data:** Launched

**Size:** 10mM x 1mL in DMSO, 1 g

---

Diniconazole  
(Rac-diniconazole)  
Cat. No.: HY-B1948

**Bioactivity:** Diniconazole is a newly developed fungicide strongly inhibited lanosterol 14 alpha-demethylation catalyzed by a yeast cytochrome P-450.

**Purity:** 99.23%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in DMSO, 100 mg, 500 mg

---

Dirithromycin  
(LY237216)  
Cat. No.: HY-B0643

**Bioactivity:** Dirithromycin (LY237216) is a macroline glycopeptide antibiotic by binding to the 50S subunit of the 70S bacterial ribosome to inhibit the translocation of peptides.

**Purity:** 98.0%

**Clinical Data:** Launched

**Size:** 10mM x 1mL in DMSO, 1 g, 5 g
<table>
<thead>
<tr>
<th>Product</th>
<th>Cat. No.</th>
<th>Bioactivity</th>
<th>Purity</th>
<th>Clinical Data</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>DL-3-Phenyllactic acid</td>
<td>HY-W017162</td>
<td>DL-3-Phenyllactic acid is a broad-spectrum antimicrobial compound.</td>
<td>99.95%</td>
<td>No Development Reported</td>
<td>10mM x 1mL in DMSO, 100 mg</td>
</tr>
<tr>
<td>Doripenem</td>
<td>HY-B0187</td>
<td>Doripenem is a new member of the carbapenem class of beta-lactam antibiotics with broad-spectrum coverage of Gram-positive, Gram-negative and anaerobic pathogens.</td>
<td>&gt;98%</td>
<td>Launched</td>
<td>10 mg, 50 mg, 100 mg</td>
</tr>
<tr>
<td>Doripenem monohydrate</td>
<td>HY-B0187A</td>
<td>Doripenem monohydrate is a new member of the carbapenem class of beta-lactam antibiotics with broad-spectrum coverage of Gram-positive, Gram-negative and anaerobic pathogens.</td>
<td>98.0%</td>
<td>Launched</td>
<td>10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg</td>
</tr>
<tr>
<td>Durllobactam sodium salt</td>
<td>HY-117974</td>
<td>Durllobactam sodium salt (ETX2514) is a broad-spectrum inhibitor with $IC_{50}$ of 4, 14 and 190 nM for Class A KPC-2, Class C AmpC and Class D OXA-24, respectively. For the treatment of drug-resistant Gram-negative bact...</td>
<td>&gt;98%</td>
<td>No Development Reported</td>
<td>250 mg, 500 mg</td>
</tr>
<tr>
<td>Edoxudine</td>
<td>HY-B1011</td>
<td>Edoxudine is an antiviral drug, is an analog of thymidine, shows effectiveness against herpes simplex virus.</td>
<td>99.12%</td>
<td>No Development Reported</td>
<td>10mM x 1mL in DMSO, 50 mg, 100 mg</td>
</tr>
<tr>
<td>Enoxacin</td>
<td>HY-B0268</td>
<td>Enoxacin is a broad-spectrum 6-fluoronaphthyridinone antibacterial agent. Target: antibacterial Enoxacin is a new quinolone carboxylic acid compound. Its activity against 740 bacterial isolates was determined. It inhibited 90% Escherichia coli, Klebsiella sp., Aeromonas sp., Enterobacter...</td>
<td>&gt;98%</td>
<td>Launched</td>
<td>100 mg, 500 mg</td>
</tr>
<tr>
<td>Enrofloxacin</td>
<td>HY-B0502</td>
<td>Enrofloxacin is an effective antibiotic with an MIC$_{90}$ of 0.312 μg/mL for Mycoplasma bovis.</td>
<td>99.84%</td>
<td>No Development Reported</td>
<td>10mM x 1mL in DMSO, 5 g, 10 g</td>
</tr>
<tr>
<td>Enrofloxacin hydrochloride</td>
<td>HY-B0502C</td>
<td>Enrofloxacin hydrochloride is an effective antibiotic with an MIC$_{90}$ of 0.312 μg/mL for Mycoplasma bovis.</td>
<td>99.81%</td>
<td>No Development Reported</td>
<td>10mM x 1mL in Water, 5 g, 10 g</td>
</tr>
<tr>
<td><strong>Eperezolid</strong> (PNU-100592)</td>
<td><strong>Eravacycline</strong> (TP-434)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------------------------</td>
<td>--------------------------</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Bioactivity:</strong> Eperezolid(PNU-100592) is a oxazolidinone antibacterial agent, Eperezolid demonstrated good in vitro inhibitory activity, regardless of methicillin susceptibility for staphylococci(MIC90= 1-4 mg/ml).</td>
<td><strong>Bioactivity:</strong> Eravacycline is a potent and broad-spectrum antibacterial agent.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Purity:</strong> 96.23%</td>
<td><strong>Purity:</strong> &gt;98%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clinical Data: No Development Reported</td>
<td>Clinical Data: Phase 3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Size:</strong> 10mM x 1mL in DMSO, 5 mg, 10 mg, 30 mg, 100 mg</td>
<td><strong>Size:</strong> 5 mg, 10 mg, 25 mg</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Eravacycline dihydrochloride</strong> (TP-434 dihydrochloride; TP-434-046)</th>
<th><strong>Ertapenem sodium</strong> (L-749345; MK-826)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong> Eravacycline dihydrochloride (TP-434 dihydrochloride) is a potent and broad-spectrum antibacterial agent.</td>
<td><strong>Bioactivity:</strong> Ertapenem sodium is a new long-acting 1-β-methyl carbapenem antibiotic with a broad antibacterial spectrum including common aerobic and anaerobic bacteria and organisms with extended-spectrum β-lactamases.</td>
</tr>
<tr>
<td><strong>Purity:</strong> 96.93%</td>
<td><strong>Purity:</strong> 96.11%</td>
</tr>
<tr>
<td>Clinical Data: Phase 3</td>
<td>Clinical Data: Launched</td>
</tr>
<tr>
<td><strong>Size:</strong> 10mM x 1mL in Water, 5 mg, 10 mg, 25 mg</td>
<td><strong>Size:</strong> 10mM x 1mL in Water, 10 mg, 50 mg, 100 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Erythromycin</strong></th>
<th><strong>Erythromycin Ethylsuccinate</strong> (Erythromycin ethyl succinate; EES)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong> Erythromycin, an oral macrolide antibiotic produced by Streptomyces erythreus, reversibly binds to the 50S ribosome of bacteria, and inhibits protein synthesis. Target: Antibacterial Erythromycin is a macrolide antibiotic that has an antimicrobial spectrum similar to or slightly wider than...</td>
<td><strong>Bioactivity:</strong> Erythromycin Ethylsuccinate is an antibiotic useful for the treatment of a number of bacterial infections, has an antimicrobial spectrum similar to or slightly wider than that of penicillin.</td>
</tr>
<tr>
<td><strong>Purity:</strong> 98.0%</td>
<td><strong>Purity:</strong> 98.0%</td>
</tr>
<tr>
<td>Clinical Data: Launched</td>
<td>Clinical Data: Phase 4</td>
</tr>
<tr>
<td><strong>Size:</strong> 10mM x 1mL in DMSO, 1 g, 5 g, 10 g</td>
<td><strong>Size:</strong> 10mM x 1mL in DMSO, 200 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Ethacridine lactate</strong> (Acrinol)</th>
<th><strong>Ethambutol</strong> (Emb)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong> Ethacridine lactate is a poly(ADP-ribose) glycohydrolase (PARG) inhibitor.</td>
<td><strong>Bioactivity:</strong> Ethambutol is a bacteriostatic antmycobacterial agent, which obstructs the formation of cell wall by inhibiting arabinosyl transferases.</td>
</tr>
<tr>
<td><strong>Purity:</strong> 99.20%</td>
<td><strong>Purity:</strong> &gt;98%</td>
</tr>
<tr>
<td>Clinical Data: Launched</td>
<td>Clinical Data: Launched</td>
</tr>
<tr>
<td><strong>Size:</strong> 10mM x 1mL in DMSO, 100 mg</td>
<td><strong>Size:</strong> 1 g, 5 g</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Ethambutol dihydrochloride</strong> (Emb dihydrochloride)</th>
<th><strong>Ethionamide</strong> (2-ethylthioisonicotinamide)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong> Ethambutol Dihydrochloride is a bacteriostatic antmycobacterial agent, which obstructs the formation of cell wall by inhibiting arabinosyl transferases.</td>
<td><strong>Bioactivity:</strong> Ethionamide(2-ethylthioisonicotinamide) is an antibiotic used in the treatment of tuberculosis.</td>
</tr>
<tr>
<td><strong>Purity:</strong> 98.00%</td>
<td><strong>Purity:</strong> 99.80%</td>
</tr>
<tr>
<td>Clinical Data: Launched</td>
<td>Clinical Data: Launched</td>
</tr>
<tr>
<td><strong>Size:</strong> 10mM x 1mL in Water, 1 g, 5 g</td>
<td><strong>Size:</strong> 10mM x 1mL in DMSO, 1 g, 5 g</td>
</tr>
</tbody>
</table>
| **Ethylparaben**  
*(Ethyl parahydroxybenzoate; Ethyl 4-hydroxybenzoate)* | **Purity:** >98%  
**Clinical Data:** No Development Reported  
**Size:** 10mM x 1mL in DMSO, 100 mg |
| **Bioactivity:** Ethylparaben is the ethyl ester of p-hydroxybenzoic acid, used as an antifungal preservative and food additive |
| **Cat. No.: HY-80934** |

| **Eugenol** | **Purity:** 99.86%  
**Clinical Data:** No Development Reported  
**Size:** 10mM x 1mL in DMSO, 100 mg, 500 mg |
| **Bioactivity:** Eugenol is an essential oil found in cloves with antibacterial, anthelmintic and antioxidant activity. Eugenol is shown to inhibit lipid peroxidation. |
| **Cat. No.: HY-N0337** |

| **FadD32 Inhibitor-1** | **Purity:** >98%  
**Clinical Data:** No Development Reported  
**Size:** 500 mg, 100 mg, 250 mg |
| **Bioactivity:** FadD32 Inhibitor-1 is a potent FadD32 inhibitor with anti-tubercular activity. |
| **Cat. No.: HY-119369** |

| **Farnesol** | **Purity:** >98%  
**Clinical Data:** No Development Reported  
**Size:** 1 g |
| **Bioactivity:** Farnesol is a sesquiterpene alcohol that modulates cell-to-cell communication in Candida albicans, and has the activity in inhibiting bacteria. |
| **Cat. No.: HY-Y0248A** |

| **Faropenem daloxide**  
*(Faropenem medoxil)* | **Purity:** 98.12%  
**Clinical Data:** No Development Reported  
**Size:** 10mM x 1mL in DMSO, 10 mg, 100 mg |
| **Bioactivity:** Faropenem daloxide is the first oral penem in a new class of beta-lactam antibiotics. |
| **Cat. No.: HY-10004** |

| **Fibracillin** | **Purity:** >98%  
**Clinical Data:** No Development Reported  
**Size:** 1 mg, 5 mg, 10 mg, 20 mg |
| **Bioactivity:** Fibracillin is a penicillin antibiotic. |
| **Cat. No.: HY-101593** |

| **Faropenem sodium** | **Purity:** 99.26%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 5 mg |
| **Bioactivity:** Faropenem sodium is an orally bioavailable penem antibiotic which can efficiently kill Mycobacterium tuberculosis. |
| **Cat. No.: HY-76260** |

| **Fidaxomicin**  
*(OPT-80; PAR-101)* | **Purity:** 99.86%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg |
| **Bioactivity:** Fidaxomicin(OPT-80; PAR-101) is a new class of narrow spectrum macrocyclic antibiotic drug; selective eradication of pathogenic Clostridium difficile with minimal disruption to the multiple species of bacteria that make up the normal, healthy intestinal flora. |
| **Cat. No.: HY-17580** |

| **Finafloxacin** | **Purity:** 99.88%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 50 mg, 100 mg |
| **Bioactivity:** Finafloxacin is a fluoroquinolone antimicrobial agent that exhibits optimum efficacy in slightly acidic environments. |
| **Cat. No.: HY-13451** |

| **Flagelin 22**  
*(Flagellin 22)* | **Purity:** >98%  
**Clinical Data:** No Development Reported  
**Size:** 1 mg, 5 mg, 10 mg |
| **Bioactivity:** Flagelin 22 (Flagellin 22), a fragment of bacterial flagellin, is an effective elicitor in both plants and algae. |
| **Cat. No.: HY-P1568** |
Flagelin 22(TFA)  
*(Flagellin 22(TFA))*  
**Cat. No.: HY-P1568A**

**Bioactivity:** Flagelin 22 TFA (Flagellin 22 TFA), a fragment of bacterial flagellin, is an effective elicitor in both plants and algae.

**Purity:** 99.39%
**Clinical Data:** No Development Reported
**Size:** 10mM x 1mL in Water, 1 mg, 5 mg, 10 mg

**Florfenicol**  
*((-)-Florfenicol; SCH-25298)*  
**Cat. No.: HY-B1374**

**Bioactivity:** Florfenicol, a commonly used veterinary antibiotic, is currently indicated for the treatment of bovine respiratory disease, and also used in aquaculture for the control of enteric septicaemia in catfish. Florfenicol can induce early embryonic death in eggs, with an LC₅₀ of 1.07 μg/g.

**Purity:** 98.0%
**Clinical Data:** No Development Reported
**Size:** 10mM x 1mL in DMSO, 100 mg, 500 mg

**Flumequine**  
*(R-802)*  
**Cat. No.: HY-B0526**

**Bioactivity:** Flumequine (R-802) is a quinolone antibiotic, and acts as a topoisomerase II inhibitor, with an IC₅₀ of 15 μM (3.92 μg/mL).

**Purity:** 99.53%
**Clinical Data:** No Development Reported
**Size:** 10mM x 1mL in DMSO, 10 mg, 50 mg

**Flucloxacillin sodium**  
*(Phosphomycin calcium salt; phosphonomycin calcium salt)*  
**Cat. No.: HY-B1075**

**Bioactivity:** Flucloxacillin sodium is a highly active antibiotic against Gram-positive and Gram-negative bacteria.

**Purity:** 98.11%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in DMSO, 100 mg

**Fosmidomycin sodium salt**  
*(FR-31564)*  
**Cat. No.: HY-112853**

**Bioactivity:** Fosmidomycin sodium salt is a phosphonic acid antibiotic and a antimalarial drug, which is active against both Gram-negative and Gram-positive bacteria.

**Purity:** >98%
**Clinical Data:** No Development Reported
**Size:** 5 mg

**Framycetin**  
*(Fradiomycin B; Neomycin B)*  
**Cat. No.: HY-17624**

**Bioactivity:** Framycetin (Fradiomycin B; Neomycin B) is an aminoglycoside antibiotic. It inhibits hammerhead ribozyme with a Kᵢ of 13.5 μM.

**Purity:** 98.0%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in DMSO, 10 mg

**Furagin**  
*(Furazidine; Furazidin)*  
**Cat. No.: HY-77036**

**Bioactivity:** Furagin, nitrofurantoin analog, is an anti-bacterial agent. Furagin is 2-substituted 5-nitrofuran, chemically and structurally similar to well-known antibacterial compound nitrofurantoin.

**Purity:** 99.84%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in DMSO, 1 g, 5 g
| **Furazolidone**  
| Cat. No.: HY-B1336 |
| **Bioactivity:** Furazolidone is a nitrofuran derivative with antiprotozoal and antibacterial activity, inhibits AML1-ETO transformed cells with IC50 value of 12.7 μM. |
| **Purity:** 96.66% |
| **Clinical Data:** Launched |
| **Size:** 10mM x 1mL in DMSO, 1 g |

| **Fusidic acid sodium salt**  
| (Sodium fusidate; SQ-16360)  
| Cat. No.: HY-B1350A |
| **Bioactivity:** Fusidic acid sodium salt is a bacteriostatic antibiotic. |
| **Purity:** 97.58% |
| **Clinical Data:** Launched |
| **Size:** 10mM x 1mL in Water, 100 mg, 500 mg |

| **G-418 disulfate**  
| (Geneticin sulfate, Antibiotic G-418 sulfate)  
| Cat. No.: HY-17561 |
| **Bioactivity:** G-418 (disulfate) is an aminoglycoside antibiotic similar in structure to gentamicin B1, which blocks polypeptide synthesis by inhibiting the elongation step in both prokaryotic and eukaryotic cells. |
| **Purity:** 98.0% |
| **Clinical Data:** No Development Reported |
| **Size:** 10mM x 1mL in Water, 1 g, 5 g |

| **Gamithromycin**  
| (ML-1709460)  
| Cat. No.: HY-108365 |
| **Bioactivity:** Gamithromycin is an antimicrobial agent which can inhibit the growth of MmmSC strains B237 and Tan8 with MICs of 0.00012 and 0.00006 μg/mL, respectively. |
| **Purity:** 98.0% |
| **Clinical Data:** Launched |
| **Size:** 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 50 mg, 100 mg |

| **Garenoxacin**  
| (BMS284756)  
| Cat. No.: HY-17460 |
| **Bioactivity:** Garenoxacin (BMS284756) is a quinolone antibiotic for the treatment of Gram-positive and Gram-negative bacterial infections. |
| **Purity:** >98% |
| **Clinical Data:** Launched |
| **Size:** 5 mg, 10 mg, 50 mg |

| **Garenoxacin Mesylate hydrate**  
| (BMS284756 (Mesylate hydrate))  
| Cat. No.: HY-17460A |
| **Bioactivity:** Garenoxacin mesylate hydrate is a novel oral des-fluoro(6) quinolone with potent antimicrobial activity, against common respiratory pathogens, including resistant strains. |
| **Purity:** 99.67% |
| **Clinical Data:** Launched |
| **Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg |

| **Gatifloxacin**  
| (BMS 206584-01; PD 135432; AM-1155)  
| Cat. No.: HY-10581 |
| **Bioactivity:** Gatifloxacin is an antibiotic of the fourth-generation fluoroquinolone family, it inhibits the bacterial enzymes DNA gyrase and topoisomerase IV. |
| **Purity:** 98.07% |
| **Clinical Data:** Launched |
| **Size:** 1 g, 5 g |

| **Gatifloxacin hydrochloride**  
| (AM 1155 hydrochloride; BMS 206584-01 hydrochloride; PD 135432 hydrochloride)  
| Cat. No.: HY-10581A |
| **Bioactivity:** Gatifloxacin (hydrochloride) is an antibiotic of the fourth-generation fluoroquinolone family, it inhibits the bacterial enzymes DNA gyrase and topoisomerase IV. |
| **Purity:** >98% |
| **Clinical Data:** Launched |
| **Size:** 1 g, 5 g |

| **Gatifloxacin mesylate**  
| (AM 1155 mesylate; BMS 206584-01 mesylate; PD 135432 mesylate)  
| Cat. No.: HY-10581B |
| **Bioactivity:** Gatifloxacin (mesylate) is an antibiotic of the fourth-generation fluoroquinolone family, it inhibits the bacterial enzymes DNA gyrase and topoisomerase IV. |
| **Purity:** >98% |
| **Clinical Data:** Launched |
| **Size:** 1 g, 5 g |

| **Gemifloxacin mesylate**  
| (SB-2658055; LB-20304a)  
| Cat. No.: HY-B1050 |
| **Bioactivity:** Gemifloxacin mesylate is an oral broad-spectrum quinolone antibacterial agent, used in the treatment of acute bacterial exacerbation of chronic bronchitis, and mild-to-moderate pneumonia. |
| **Purity:** 99.66% |
| **Clinical Data:** Launched |
| **Size:** 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg |
Gentamicin sulfate
Cat. No.: HY-A0276

**Bioactivity:** Gentamicin sulfate, an aminoglycoside antibiotic, inhibits the growth of both gram-positive and gram-negative bacteria and to inhibit several strains of mycoplasma in tissue culture. It inhibits DNase I with an IC₅₀ of 0.57 mM.

**Purity:** >98%

**Clinical Data:** Launched

**Size:** 500 mg, 1 g, 5 g

---

Gepotidacin (GSK2140944)
Cat. No.: HY-16742

**Bioactivity:** Gepotidacin (GSK2140944) is a novel triazaacenaphthylene bacterial type II topoisomerase inhibitor.

**Purity:** 99.26%

**Clinical Data:** Phase 2

**Size:** 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 50 mg, 100 mg

---

Gepotidacin S enantiomer (GSK2140944 S enantiomer)
Cat. No.: HY-16742A

**Bioactivity:** Gepotidacin S enantiomer is an S enantionmer of gepotidacin.

**Purity:** 99.34%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 25 mg

---

GlyRS-IN-1
Cat. No.: HY-108940

**Bioactivity:** GlyRS-IN-1 is a glycyl-tRNA synthase (GlyRS) inhibitor extracted from patent WO 2017066459 A1. GlyRS-IN-1 can also inhibit the growth of bacteria.

**Purity:** 97.35%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg

---

Gramicidin
Cat. No.: HY-P0163

**Bioactivity:** Gramicidin is an antimicrobial peptide assembling as channels in membranes and increasing their permeability towards cations.

**Purity:** 96.63%

**Clinical Data:** Launched

**Size:** 10mM x 1mL in DMSO, 50 mg

---

GSK2200150A
Cat. No.: HY-112091

**Bioactivity:** GSK2200150A, identified by high-throughput screening (HTS) campaign, is an anti-tuberculosis (TB) agent.

**Purity:** 98.27%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg

---

H-Lys-Trp-Lys-OH
Cat. No.: HY-P1350

**Bioactivity:** H-Lys-Trp-Lys-OH is a small molecule peptide which displays antibacterial and antiviral activities extracted from patent CN 104072579 A, Compound AMP12.

**Purity:** 99.87%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in Water, 10 mg, 50 mg, 100 mg

---

Hetacillin
Cat. No.: HY-16251A

**Bioactivity:** Hetacillin is a beta-lactam antibiotic that is part of the aminopenicillin family. It is a prodrug and it has no antibacterial activity itself, but quickly splits of acetone in the human body to form ampicillin, which is active against a variety of bacteria.

**Purity:** >98%

**Clinical Data:** Launched

**Size:** 50 mg

---

Hetacillin potassium (Potassium hetacillin)
Cat. No.: HY-16251

**Bioactivity:** Hetacillin potassium is a broad-spectrum treatment for use against a wide range of common Gram-positive and Gram-negative bacteria.

**Purity:** >98%

**Clinical Data:** Launched

**Size:** 50 mg
### Hexachlorophene (Hexachlorofen)

**Cat. No.: HY-12637**

**Bioactivity:** Hexachlorophene (Hexachlorofen) is a highly effective **antibacterial** agent, causes lysis of protoplasts and leakage of intracellular contents in bacterial at high concentrations [1]. Hexachlorophene (Hexachlorofen) is also a **KCNQ1/KCNE1**...  

**Purity:** 99.66%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 1 g, 5 g

---

### Hexetidine (NSC-17764)

**Cat. No.: HY-80996**

**Bioactivity:** Hexetidine is an anti-bacterial and anti-fungal agent commonly used in both veterinary and human medicine, is a local anesthetic.  

**Purity:** 98.0%  
**Clinical Data:** Phase 4  
**Size:** 10mM x 1mL in DMSO, 1 g

---

### Hygromycin B (Hygrovetine)

**Cat. No.: HY-80490**

**Bioactivity:** Hygromycin B is an aminoglycoside antibiotic active against prokaryotic and eukaryotic cells.  

**Purity:** 98.00%  
**Clinical Data:** No Development Reported  
**Size:** 10mM x 1mL in Water, 200 mg, 500 mg, 1 g, 5 g

---

### I2906

**Cat. No.: HY-76293**

**Bioactivity:** I2906 showed antimycobacterial and cytotoxic activity against mycobacterium tuberculosis. IC50 Value: Target: Antibacterial  
Under in vitro conditions, I2906 showed excellent antimycobacterial activities and low cytotoxicity. In a murine model infected with M. tuberculosis H37Rv, the reductions on...  

**Purity:** 94.26%  
**Clinical Data:** No Development Reported  
**Size:** 10mM x 1mL in DMSO, 100 mg, 500 mg

---

### Ibafloxacine (R835; S25930)

**Cat. No.: HY-U00214**

**Bioactivity:** Ibafloxacine (R835) is a fluoroquinolone antibiotic agent that is developed exclusively for veterinary use.  

**Purity:** >98%  
**Clinical Data:** No Development Reported  
**Size:** 1 mg, 5 mg, 10 mg, 20 mg

---

### Imidazolidinyl urea

**Cat. No.: HY-B1158**

**Bioactivity:** Imidazolidinyl urea is an antimicrobial preservative used in cosmetics, acts as a formaldehyde releaser.  

**Purity:** 96.29%  
**Clinical Data:** No Development Reported  
**Size:** 10mM x 1mL in DMSO, 1 g

---

### Imipenem monohydrate (N-Formimidoyl thienamycin monohydrate)

**Cat. No.: HY-B1369**

**Bioactivity:** Imipenem monohydrate, a member of the carbapenem class of antibiotics isolated from the soil organism Streptomyces cattleya [1], is an intravenous β-lactam antibiotic effective against a wide range of Gram-positive and Gram-negative bacteria, including several multi-drug resistant bacterial...  

**Purity:** 98.0%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 50 mg, 100 mg

---

### Isoconazole nitrate

**Cat. No.: HY-B1444**

**Bioactivity:** Isoconazole nitrate is a broad-spectrum antimicrobial agent with a highly effective antimycotic and gram-positive antibacterial activity, a rapid rate of absorption and low systemic exposure potential. Isoconazole nitrate is effective against pathogens involved in dermatomycoses, with minimum...  

**Purity:** 98.0%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 50 mg, 100 mg
Isoniazid
(INH; Isonicotinic acid hydrazide; Isonicotinyl hydrazide)
Cat. No.: HY-80329

Bioactivity: Isoniazid is an antibacterial agent used primarily as a tuberculostatic. Target: Antitubercular Isoniazid is a prodrug and must be activated by a bacterial catalase-peroxidase enzyme that in *M. tuberculosis* is called KatG [1]. KatG couples the isonicotinic acyl with NADH to form isonicotinoyl... 

Purity: 99.0%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 100 mg

Josamycin
(EN-141)
Cat. No.: HY-B1920

Bioactivity: Josamycin (EN-141) is a macrolide antibiotic exhibiting antimicrobial activity against a wide spectrum of pathogens, such as bacteria. The dissociation constant $K_d$ from ribosome for Josamycin is 5.5 nM.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 25 mg, 100 mg

Kanamycin sulfate
(Kanamycin A monosulfate)
Cat. No.: HY-16566A

Bioactivity: Kanamycin sulfate is an aminoglycoside bactericidal antibiotic which acts by binding to the bacterial 30S ribosomes.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 1 g, 5 g

Kanosamine hydrochloride
Cat. No.: HY-112176

Bioactivity: Kanosamine hydrochloride is an antibiotic which inhibits the growth of plant-pathogenic oomycetes, certain fungi and a few bacterial species. Kanosamine inhibits Phytophthora medicaginis M2913 and Aphanomyces euteiches WI-98 with MICs of 25 and 60 µg/mL, respectively.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 1 mg

Kasugamycin hydrochloride hydrate
Cat. No.: HY-B18648

Bioactivity: Kasugamycin is an important aminoglycoside family antibiotic and widely used for veterinary and agricultural applications.

Purity: 97.91%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g

KB-5246
Cat. No.: HY-19081

Bioactivity: KB-5246 is a tetracyclic quinolone and displays antibacterial activities.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

KKL-10
Cat. No.: HY-101865

Bioactivity: KKL-10 is a small-molecule ribosome rescue inhibitor with broad-spectrum antimicrobial activity against bacteria.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 50 mg

KKL-35
Cat. No.: HY-101866

Bioactivity: KKL-35 is a trans-translation tagging reaction inhibitor with an IC$_{50}$ of 0.9 µM.

Purity: 95.88%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

I-Atabrine dihydrochloride
Cat. No.: HY-13735C

Bioactivity: I-Atabrine dihydrochloride is a less active enantiomer of quinacrine which displays antiprion activity.

Purity: 98.01%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg

Lactoferrin 17-41
Cat. No.: HY-P1791

Bioactivity: Lactoferrin 17-41, known as lactoferricin B (LfcinB), corresponds to residues 17-41 of bovine lactoferrin, has antimicrobial and antitumor activities [1] [2].

Purity: >98%
Clinical Data: No Development Reported
Size:
<table>
<thead>
<tr>
<th><strong>LAH4</strong></th>
<th><strong>Cat. No.: HY-P0311</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>LAH4 is an antimicrobial peptide that strongly interacts with phospholipid membranes, exhibiting in vitro transfection efficiency.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>&gt;98%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>No Development Reported</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>1 mg, 5 mg, 10 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Lanopepden</strong> (GSK 1322322)</th>
<th><strong>Cat. No.: HY-12480</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>Lanopepden (GSK 1322322) is a peptid deformylase inhibitor active against Staphylococcus aureus strains with MICs of 1 and 1 mg/L for ATCC 29213 and ATCC 23923 strain, respectively.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>&gt;98%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>No Development Reported</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>1 mg, 2 mg, 5 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Lasalocid</strong> (Antibiotic X-537A; Lasalocid-A; X-537A; Ionophore X-537A)</th>
<th><strong>Cat. No.: HY-B1071</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>Lasalocid is an antibacterial agent and a coccidiostat, used in the feed additives</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>98.03%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>No Development Reported</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Lasalocid sodium</strong> (Sodium lasalocid)</th>
<th><strong>Cat. No.: HY-B1071A</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>In vitro: Lasalocid sodium treatment led to an increase in cell wall thickness, whilst the quantity and sugar composition of the cell wall remained unchanged in BY-2 cells. Lasalocid sodium treatment enhances enzymatic saccharification efficiency in both BY-2 cells and Arabidopsis plants. [1]</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>97.17%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>No Development Reported</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>10 mg, 50 mg, 100 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Lauric acid</strong></th>
<th><strong>Cat. No.: HY-Y0366</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>Lauric acid is a middle chain-free fatty acid with strong bactericidal properties. The IC_{50} for P. acnes, S. aureus, S. epidermidis, are 2, 6, 4 μg/mL, respectively.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>98.0%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>No Development Reported</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>10mM x 1mL in DMSO, 1 g</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Lenampicillin hydrochloride</strong> (KBT 1585 hydrochloride)</th>
<th><strong>Cat. No.: HY-100500</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>Lenampicillin (hydrochloride) is the efficient prodrug of ampicillin (ABPC) in terms of the enhancement of absorption and decrease of side effects. In vivo: The intestinal absorption of LAPC is satisfactory in view of the urinary excretion of metabolites, accounting for 93% of dose in human...</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>98.0%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>Launched</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>LED209</strong></th>
<th><strong>Cat. No.: HY-19748</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>LED209 is a potent small molecule inhibitor of bacterial receptor QseC, is a potent prodrug that is highly selective for QseC. Target: Antibacterial LED209 has desirable pharmacokinetics and does not present toxicity in vitro and in rodents. This is a unique antivirulence approach, with a...</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>98.20%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>No Development Reported</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>5 mg, 10 mg, 50 mg, 100 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Leu-AMS</strong></th>
<th><strong>Cat. No.: HY-108900</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>Leu-AMS is a potent inhibitor of leucyl-tRNA synthetase (LRS) with an IC_{50} of 22.34 nM and inhibits the growth of bacteria.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>99.14%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>No Development Reported</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Levofloxacin</strong> ((-)-Ofloxacin)</th>
<th><strong>Cat. No.: HY-80330</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>Levofloxacin, a synthetic fluoroquinolone, is an antibacterial agent that inhibits the supercoiling activity of bacterial DNA gyrase, halting DNA replication.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>99.61%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>Launched</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>10mM x 1mL in Water, 100 mg, 5 g</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Levofloxacin hydrate</strong> (Levofloxacin hemihydrate)</th>
<th><strong>Cat. No.: HY-80330A</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>Levofloxacin hydrate is an antibacterial agent that inhibits the supercoiling activity of bacterial DNA gyrase, halting DNA replication.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>99.39%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>Launched</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>10mM x 1mL in DMSO, 100 mg, 5 g</td>
</tr>
</tbody>
</table>
Levomecol

Cat. No.: HY-111903

Bioactivity: Levomecol (Chloramphenicol), made up of Chloramphenicol, Methyluracil, is a broad-spectrum antibiotic that is derived from the bacterium Streptomyces venezuelae. Levomecol (Chloramphenicol) stops bacterial growth by binding to the bacterial ribosome (blocking peptidyl transferase) and...

Purity: >98%
Clinical Data: No Development Reported
Size: 

Purity: 99.58%
Clinical Data: Launched
Size: 

Lexithromycin

(Erythromycin A 9-methoxime; Wy 48314)

Cat. No.: HY-105932

Bioactivity: Lexithromycin is an erythromycin A derivative, with antibacterial activity.

Purity: 98.80%
Clinical Data: No Development Reported
Size: 

Lincomycin hydrochloride

(U10149A)

Cat. No.: HY-80417A

Bioactivity: Lincomycin Hydrochloride(U10149A) is an antibiotic produced by Streptomyces lincolnensis var. lincolnensis. Target: Antibacterial Lincomycin hydrochloride is a systemic antibiotic, which is active against most common gram positive bacteria. It has proved to be excellent for infectious...

Purity: >98%
Clinical Data: Launched
Size: 

Limonene

Cat. No.: HY-N0544


Purity: 95.0%
Clinical Data: No Development Reported
Size: 

Lincomycin hydrochloride hydrate

(Lincomycin hydrochloride monohydrate)

Cat. No.: HY-81358

Bioactivity: Lincomycin hydrochloride monohydrate is a narrow-spectrum antibiotic, has similar effects to erythromycin, which has a good effect on gram-positive coccus, mainly used to inhibit the synthesis of bacterial cell protein.

Purity: 98.0%
Clinical Data: Launched
Size: 

Lomefloxacin

(SC47111A)

Cat. No.: HY-B0455A

Bioactivity: Lomefloxacin(SC47111A) is a fluoroquinolone antibiotic. Target: Antibacterial Lomefloxacin is a bactericidal fluoroquinolone agent with activity against a wide range of gram-negative and gram-positive organisms. The bactericidal action of lomefloxacin results from interference with the...

Purity: >98%
Clinical Data: Launched
Size: 

Loganetin

Cat. No.: HY-N3373

Bioactivity: Loganetin is a non-toxic natural product that may be applied in the antibacterial drug development for treating multidrug-resistant Gram negative infections.

Purity: >98%
Clinical Data: No Development Reported
Size: 

Lomefloxacin hydrochloride

Cat. No.: HY-B0455

Bioactivity: Lomefloxacin HCl is a fluoroquinolone antibiotic. Target: Antibacterial Lomefloxacin is a bactericidal fluoroquinolone agent with activity against a wide range of gram-negative and gram-positive organisms. The bactericidal action of lomefloxacin results from interference with the activity of...

Purity: 99.58%
Clinical Data: Launched
Size: 

Lysozyme

(Muramidase)

Cat. No.: HY-P1068

Bioactivity: Lysozyme is an antimicrobial enzyme produced by animals that forms part of the innate immune system.

Purity: No Development Reported
Size: 

Bioactivity:

Levomecol
Lexithromycin
Lincomycin hydrochloride
Limonene
Lincomycin hydrochloride hydrate
Loganetin
Lomefloxacin
Lomefloxacin hydrochloride
Lysozyme

Cat. No.: HY-N0544
Cat. No.: HY-N3373
Cat. No.: HY-81358
Cat. No.: HY-B0455A
Cat. No.: HY-111903
Cat. No.: HY-105932
Cat. No.: HY-80417A
Cat. No.: HY-B0455
Cat. No.: HY-B1358
Cat. No.: HY-B0417A
Cat. No.: HY-10394
Cat. No.: HY-B0455
Cat. No.: HY-P1068

Lysozyme from chicken egg white  
*Cat. No.: HY-82237*

**Bioactivity:** Lysozyme from chicken egg white is a **bactericidal** enzyme present in chicken eggs, and it lyses gram-positive bacteria. 
**IC50 & Target:** Bacteria

**Purity:** 98.87%  
**Clinical Data:** No Development Reported  
**Size:** 1 g, 5 g, 10 g

MAC13243  
*Cat. No.: HY-14456A*

**Bioactivity:** MAC13243, an antibacterial agent, is a likely inhibitor of the bacterial lipoprotein targeting chaperone, LolA.

**Purity:** 98.0%  
**Clinical Data:** No Development Reported  
**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

Mafenide  
*Cat. No.: HY-80614*

**Bioactivity:** Mafenide is a sulfonamide-type medication.

**Purity:** >98%  
**Clinical Data:** Launched  
**Size:** 50 mg, 100 mg, 200 mg, 500 mg, 1 g

Mafenide Acetate  
*Cat. No.: HY-80614A*

**Bioactivity:** Mafenide Acetate is a sulfonamide-type medication.

**Purity:** 98.0%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 50 mg, 100 mg, 200 mg, 500 mg, 1 g

Mafenide hydrochloride  
*Cat. No.: HY-80614B*

**Bioactivity:** Mafenide hydrochloride is a sulfonamide-type medication used as an antibiotic.

**Purity:** >98%  
**Clinical Data:** Launched  
**Size:** 50 mg

Magainin 1  
*Cat. No.: HY-P0269*

**Bioactivity:** Magainin 1 is an **antimicrobial** peptide discovered in the skin of Xenopus laevis.

**Purity:** >98%  
**Clinical Data:** No Development Reported  
**Size:** 500μg, 1 mg, 5 mg, 10 mg

Magainin 2  
*Cat. No.: HY-P0270*

**Bioactivity:** Magainin 2 is an **antimicrobial** peptide discovered in the skin of Xenopus laevis.

**Purity:** 99.23%  
**Clinical Data:** No Development Reported  
**Size:** 500μg, 1 mg, 5 mg, 10 mg

Marbofloxacin  
*Cat. No.: HY-80126*

**Bioactivity:** Marbofloxacin is a potent antibiotic of which depends upon its inhibition of DNA-gyrase. Marbofloxacin is a synthetic, broad spectrum bactericidal agent.

**Purity:** 99.60%  
**Clinical Data:** No Development Reported  
**Size:** 10mM x 1mL in DMSO, 100 mg, 500 mg

Marbofloxacin hydrochloride  
*Cat. No.: HY-80126A*

**Bioactivity:** Marbofloxacin hydrochloride is a potent antibiotic of which depends upon its inhibition of DNA-gyrase. Target: DNA-gyrase 
**Fluoroquinolone for veterinary use, the antimicrobial of which depends upon its inhibition of DNA-gyrase and topoisomerase...**

**Purity:** >98%  
**Clinical Data:** Launched  
**Size:** 100 mg, 500 mg

MBX-4132  
*Cat. No.: HY-112565*

**Bioactivity:** MBX-4132, a member of a chemical class called oxadiazoles that inhibit trans translation by binding to the bacterial ribosome.

**Purity:** 98.87%  
**Clinical Data:** No Development Reported  
**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

---

www.MedChemExpress.com
<table>
<thead>
<tr>
<th><strong>MCB-3681</strong></th>
</tr>
</thead>
</table>
| **Bioactivity:** MCB-3681 is the antibacterial Oxaquin's active substance, active against gram-positive bacteria.  
| **Purity:** >98%  
| **Clinical Data:** No Development Reported  
| **Size:** 250 mg, 500 mg |

<table>
<thead>
<tr>
<th><strong>MDRTB-IN-1</strong></th>
</tr>
</thead>
</table>
| **Bioactivity:** MDRTB-IN-1 (5aa) is an antibiotic which is against *Mycobacterium tuberculosis* H37Rv with a **MIC** value of 10.5 μM.  
| **Purity:** >98%  
| **Clinical Data:** No Development Reported  
| **Size:** 100 mg, 500 mg, 250 mg |

<table>
<thead>
<tr>
<th><strong>Meptyldinocap</strong> (2,4-DNOPC)</th>
</tr>
</thead>
</table>
| **Bioactivity:** Meptyldinocap (2,4-DNOPC) is a novel powdery mildew (Erysiphe necator) fungicide which shows protectant and post-infective activities.  
| **Purity:** 98.01%  
| **Clinical Data:** No Development Reported  
| **Size:** 10mM x 1mL in DMSO, 10 mg, 50 mg |

<table>
<thead>
<tr>
<th><strong>Merbromin</strong> (Mercury dibromofluorescein disodium)</th>
</tr>
</thead>
</table>
| **Bioactivity:** Merbromin is a xanthene dye.  
| **Purity:**  
| **Clinical Data:** Launched  
| **Size:** 10mM x 1mL in Water, 1 g |

<table>
<thead>
<tr>
<th><strong>Meropenem</strong> (SM 7338)</th>
</tr>
</thead>
</table>
| **Bioactivity:** Meropenem (SM 7338) is a carbapenem antibiotic, which displaying a broad spectrum of antibacterial activity.  
| **Purity:** >98%  
| **Clinical Data:** Launched  
| **Size:** 50 mg, 100 mg |

<table>
<thead>
<tr>
<th><strong>Meropenem trihydrate</strong> (SM 7338 trihydrate)</th>
</tr>
</thead>
</table>
| **Bioactivity:** Meropenem trihydrate (SM 7338 trihydrate) is a carbapenem antibiotic with broad-spectrum antibacterial activity.  
| **Purity:** 98.62%  
| **Clinical Data:** Launched  
| **Size:** 10mM x 1mL in DMSO, 50 mg, 100 mg |

<table>
<thead>
<tr>
<th><strong>Methacycline hydrochloride</strong></th>
</tr>
</thead>
</table>
| **Bioactivity:** Methacycline HCl is a tetracycline antibiotic.  
| **Purity:** 99.71%  
| **Clinical Data:** Launched  
| **Size:** 10mM x 1mL in DMSO, 100 mg, 200 mg, 500 mg |

<table>
<thead>
<tr>
<th><strong>Methicillin sodium salt</strong> (Meticillin sodium)</th>
</tr>
</thead>
</table>
| **Bioactivity:** Methicillin is a β-lactam antibiotic which acts by inhibiting penicillin-binding proteins that are involved in the synthesis of peptidoglycan.  
| **Purity:** 95.0%  
| **Clinical Data:** Launched  
| **Size:** 10mM x 1mL in DMSO, 25 mg, 50 mg |

<table>
<thead>
<tr>
<th><strong>Methyl gallate</strong> (Gallincin; NSC 363001)</th>
</tr>
</thead>
</table>
| **Bioactivity:** Methyl gallate is a plant phenolic with antioxidant, anticancer, and anti-inflammatory activities. Methyl gallate also shows bacterial inhibition activity.  
| **Purity:** 99.96%  
| **Clinical Data:** No Development Reported  
| **Size:** 10mM x 1mL in DMSO, 5 g |

<table>
<thead>
<tr>
<th><strong>Methyl Paraben</strong> (Methyl 4-hydroxybenzoate)</th>
</tr>
</thead>
</table>
| **Bioactivity:** Methyl Paraben, isolated from the barks of *Tsuga dumosa* the methyl ester of p-hydroxybenzoic acid, is a standardized chemical allergen. Methyl Paraben is a stable, non-volatile compound used as an antimicrobial preservative in foods, drugs and cosmetics. The physiologic effect of Methyl Paraben is by...  
| **Purity:** 99.71%  
| **Clinical Data:** No Development Reported  
| **Size:** 10mM x 1mL in DMSO, 100 mg |

---

**Bioactivity:** MCB-3681 is the antibacterial Oxaquin's active substance, active against gram-positive bacteria.  
**Purity:** >98%  
**Clinical Data:** No Development Reported  
**Size:** 250 mg, 500 mg  

**Bioactivity:** MDRTB-IN-1 (5aa) is an antibiotic which is against *Mycobacterium tuberculosis* H37Rv with a **MIC** value of 10.5 μM.  
**Purity:** >98%  
**Clinical Data:** No Development Reported  
**Size:** 100 mg, 500 mg, 250 mg  

**Bioactivity:** Meptyldinocap (2,4-DNOPC) is a novel powdery mildew (Erysiphe necator) fungicide which shows protectant and post-infective activities.  
**Purity:** 98.01%  
**Clinical Data:** No Development Reported  
**Size:** 10mM x 1mL in DMSO, 10 mg, 50 mg  

**Bioactivity:** Merbromin is a xanthene dye.  
**Purity:**  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in Water, 1 g  

**Bioactivity:** Meropenem (SM 7338) is a carbapenem antibiotic, which displaying a broad spectrum of antibacterial activity.  
**Purity:** >98%  
**Clinical Data:** Launched  
**Size:** 50 mg, 100 mg  

**Bioactivity:** Meropenem trihydrate (SM 7338 trihydrate) is a carbapenem antibiotic with broad-spectrum antibacterial activity.  
**Purity:** 98.62%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 50 mg, 100 mg  

**Bioactivity:** Methacycline HCl is a tetracycline antibiotic.  
**Purity:** 99.71%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 100 mg, 200 mg, 500 mg  

**Bioactivity:** Methicillin is a β-lactam antibiotic which acts by inhibiting penicillin-binding proteins that are involved in the synthesis of peptidoglycan.  
**Purity:** 95.0%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 25 mg, 50 mg  

**Bioactivity:** Methyl gallate is a plant phenolic with antioxidant, anticancer, and anti-inflammatory activities. Methyl gallate also shows bacterial inhibition activity.  
**Purity:** 99.96%  
**Clinical Data:** No Development Reported  
**Size:** 10mM x 1mL in DMSO, 5 g  

**Bioactivity:** Methyl Paraben, isolated from the barks of *Tsuga dumosa* the methyl ester of p-hydroxybenzoic acid, is a standardized chemical allergen. Methyl Paraben is a stable, non-volatile compound used as an antimicrobial preservative in foods, drugs and cosmetics. The physiologic effect of Methyl Paraben is by...  
**Purity:** 99.71%  
**Clinical Data:** No Development Reported  
**Size:** 10mM x 1mL in DMSO, 100 mg  

---

**Tel:** 609-228-6898  
**Fax:** 609-228-5909  
**Email:** sales@MedChemExpress.com
Metronidazole
Cat. No.: HY-B0318

Bioactivity: Metronidazole is a nitroimidazole antibiotic medication used particularly for anaerobic bacteria and protozoa. Target: Antibacterial; Antiparasitic

Purity: 97.70%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 5 g, 10 g

Mezlocillin sodium
Cat. No.: HY-B1466

Bioactivity: Mezlocillin sodium is a broad-spectrum penicillin antibiotic. It is active against both Gram-negative and some Gram-positive bacteria. Target: Antibacterial

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg

MF 5137
Cat. No.: HY-100289

Bioactivity: MF 5137 is a potent antibacterial agent.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

MGB-BP-3
Cat. No.: HY-U00035

Bioactivity: MGB-BP-3 is an antibiotic that has been shown to be active against a broad range of important multi-resistant Gram-positive pathogens.

Purity: >98%
Clinical Data: Phase 1
Size: 250 mg, 500 mg, 100 mg

Midecamycin
(SF-837; Antibiotic SF-837)
Cat. No.: HY-B1908

Bioactivity: Midecamycin, an acetoxo-substituted macrolide antibiotic, is tested against gram-positive and gram-negative bacteria.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg

Minocycline hydrochloride
Cat. No.: HY-17412

Bioactivity: Minocycline hydrochloride is a broad-spectrum tetracycline antibiotic, acting by binding to the bacterial 30S ribosomal subunit and inhibiting protein synthesis.

Purity: 99.38%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 50 mg, 100 mg

Monensin sodium salt
(Monensin A sodium salt)
Cat. No.: HY-N0150

Bioactivity: Monensin sodium salt is an anti-infective secreted by the bacteria Streptomyces cinnamonensis.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in Ethanol, 100 mg

Monobehenin
Cat. No.: HY-20349

Bioactivity: Monobehenin has a strong inhibitory activity toward bacterial biofilm formation.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg, 500 mg, 1 g, 5 g

Morinidazole
Cat. No.: HY-15781

Bioactivity: Morinidazole is a novel 5-nitroimidazole antimicrobial drug that undergoes extensive metabolism in humans via N+,-glucuronidation and sulfation, for the treatment of bacterial infections including appendicitis and pelvic inflammatory disease (PID) caused by anaerobic bacteria.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

Morinidazole R enantiomer
(R-Morinidazole)
Cat. No.: HY-15781A

Bioactivity: Morinidazole R enantiomer is the R-enantiomer of Morinidazole. Morinidazole is a new 5-nitroimidazole class antimicrobial agent. Morinidazole R enantiomer is the less active enantiomer.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg
| **Moxalactam sodium salt**  
(Latamoxef sodium; LY-127935; Antibiotic 6059S)  
**Cat. No.: HY-B1484** | **Moxifloxacin**  
**Cat. No.: HY-66011A** |
|---|---|
| **Bioactivity:**  
Moxalactam sodium salt is an antibiotic compound more effective against Escherichia coli and Pseudomonas aeruginosathan cephalosporins. | **Bioactivity:**  
Moxifloxacin is a synthetic fluoroquinolone antibiotic agent. |
| **Purity:**  
96.34% |
| **Clinical Data:**  
Launched |
| **Size:**  
10mM x 1mL in DMSO, 200 mg, 500 mg | **Purity:**  
>98% |
| **Clinical Data:**  
Launched |
| **Size:**  
50 mg, 100 mg, 500 mg |

| **Moxifloxacin Hydrochloride**  
(BAY-128039)  
**Cat. No.: HY-66011** | **MtbbHU-IN-1**  
**Cat. No.: HY-114439** |
|---|---|
| **Bioactivity:**  
Moxifloxacin (Hydrochloride) is a synthetic fluoroquinolone antibiotic agent. Target: Antibacterial Moxifloxacin is an extended-spectrum fluoroquinolone which has improved coverage against gram-positive cocci and atypical pathogens compared with older fluoroquinolone agents, while retaining good... | **Bioactivity:**  
MtbbHU-IN-1 is an inhibitor of Mycobacterium tuberculosis nucleoid-associated protein HU (MtbbHU), with a $K_d$ of 98 nM for binding to WT MtbbHU. |
| **Purity:**  
98.73% |
| **Clinical Data:**  
Launched |
| **Size:**  
50 mg, 100 mg, 500 mg | **Purity:**  
>98% |
| **Clinical Data:**  
No Development Reported |
| **Size:**  
500 mg, 250 mg |

| **Mupirocin**  
(BRL-4910A; Pseudomonic acid)  
**Cat. No.: HY-80958** | **Mupirocin (BRL-4910A; Pseudomonic acid)**  
**Cat. No.: HY-B0958** |
|---|---|
| **Bioactivity:**  
Mupirocin (BRL-4910A) is an antibiotic of the monoxycarbolic acid class; effective against Gram-positive bacteria, including MRSA. | **Bioactivity:**  
Mupirocin (BRL-4910A) is an antibiotic of the monoxycarbolic acid class; effective against Gram-positive bacteria, including MRSA. |
| **Purity:**  
98.07% |
| **Clinical Data:**  
Launched |
| **Size:**  
10mM x 1mL in DMSO, 10 mg, 50 mg | **Purity:**  
>98% |
| **Clinical Data:**  
Launched |
| **Size:**  
50 mg, 100 mg, 500 mg |

| **MUT056399**  
(Fab-001)  
**Cat. No.: HY-18169** | **N-Acetyl-Calicheamicin**  
(N-Acetyl-Calicheamicin $\gamma$, N-Acetyl-$\gamma$-calicheamicin)  
**Cat. No.: HY-19791** |
|---|---|
| **Bioactivity:**  
MUT056399 is a highly potent inhibitor of the Fabl enzyme of both S. aureus and E. coli with 50% inhibitory concentration IC50s of 12 nM and 58 nM, respectively. IC50 value: 12 nM (for S. aureus), 58 nM (for E. coli) [1] Target: Fabl enzyme in vitro: MUT056399 is a highly potent new inhibitor of the Fabl... 99.99% | **Bioactivity:**  
N-Acetyl-Calicheamicin is a potent enediyne antitumor antibiotic. |
| **Purity:**  
99.99% |
| **Clinical Data:**  
No Development Reported |
| **Size:**  
10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg | **Purity:**  
98.0% |
| **Clinical Data:**  
No Development Reported |
| **Size:**  
10mM x 1mL in DMSO, 1 mg, 5 mg |

| **Nadifloxacin**  
(OPC7251)  
**Cat. No.: HY-80506** | **Nafcillin sodium monohydrate**  
**Cat. No.: HY-80555A** |
|---|---|
| **Bioactivity:**  
Nadifloxacin (OPC7251) is a topical fluoroquinolone antibiotic for the treatment of acne vulgaris. | **Bioactivity:**  
Nafcillin sodium monohydrate is a semi-synthetic antibiotic related to penicillin. |
| **Purity:**  
99.29% |
| **Clinical Data:**  
Launched |
| **Size:**  
10mM x 1mL in DMSO, 1 g, 5 g | **Purity:**  
98.0% |
| **Clinical Data:**  
Launched |
| **Size:**  
10mM x 1mL in Water, 1 g, 5 g |

---

Tel: 609-228-6898  
Fax: 609-228-5909  
Email: sales@MedChemExpress.com
Nalidixic acid  
**Bioactivity:** Nalidixic acid is a synthetic 1,8-naphthyridine antimicrobial agent with a limited bacteriocidal spectrum. Target: Antibacterial Nalidixic acid is the first of the synthetic quinolone antibiotics. Nalidixic acid is effective against both gram-positive and gram-negative bacteria. In lower...

**Purity:** 99.97%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in DMSO, 5 g, 10 g

---

Nanchangmycin (Nanchangmycin A)  
**Bioactivity:** Nanchangmycin, produced by Streptomyces nanchangensis NS3226, inhibits gram-positive bacteria. Nanchangmycin is a broad spectrum antiviral active against Zika virus.

**Purity:** 98.0%
**Clinical Data:** No Development Reported
**Size:** 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 50 mg, 100 mg

---

Neomycin sulfate  
**Bioactivity:** Neomycin sulfate is an aminoglycoside antibiotic used for preventing or treating bacterial infections.

**Purity:** 98.0%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in Water, 10 g, 25 g

---

Netilmicin sulfate (SCH-20569 (sulfate))  
**Bioactivity:** Netilmicin (sulfate) (SCH-20569 (sulfate)) is an active aminoglycoside antibiotic against most Gram-negative and some Gram-positive bacteria, including certain strains resistant to gentamicin.

**Purity:** 98.0%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in Water, 5 mg, 10 mg, 50 mg, 100 mg

---

Nifuratel (NF 113; SAP 113; Methylmercadone)  
**Bioactivity:** Nifuratel(NF 113, SAP 113) is a broad antibacterial spectrum agent, which is used as an antibacterial, antifungal, and antiprotozoal (Trichomonas).

**Purity:** 99.96%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

---

Nifursol  
**Bioactivity:** Nifursol is a nitrofuran antibiotic which inhibits the growth of Histomonas meleagridis but is not lethal to the flagellated protozoan. Target: Antibacterial Nifursol can be analyzed and detected in tissues using intact 3,5-dinitrosalicylic acid hydrazide side chains along with electron-capture GC,...

**Purity:** 95.0%
**Clinical Data:** No Development Reported
**Size:** 10mM x 1mL in DMSO, 100 mg, 500 mg

---

Nisin  
**Bioactivity:** Nisin is a bacteriocin produced by a group of Gram-positive bacteria that belongs to Lactococcus and Streptococcus species.

**Purity:** 99.83%
**Clinical Data:** No Development Reported
**Size:** 100 mg, 500 mg, 1 g, 5 g

---

NITD-349  
**Bioactivity:** NITD-349 is an MmpL3 inhibitor that shows highly potent anti-mycobacterial activity with MIC<sub>50</sub> of 23 nM against virulent Mycobacterium tuberculosis H37Rv.

**Purity:** 99.83%
**Clinical Data:** No Development Reported
**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

---

Nithiamide (CL-5279; Aminitrozole)  
**Bioactivity:** Nithiamide is a non-5-nitroimidazole drugs, is a antibiotic used in veterinary.

**Purity:** 98.0%
**Clinical Data:** No Development Reported
**Size:** 10mM x 1mL in DMSO, 100 mg

---

Nitrofurantoin  
**Bioactivity:** Nitrofurantoin is an antibiotic usually used to treat urinary tract infections.

**Purity:** 99.55%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in DMSO, 1 g, 5 g
| **Nitrofurazone**  
| **(NFZ; Nitrofural)**  
| **Bioactivity:** Nitrofural is a bactericidal compound used as an antibiotic most commonly in the form of ointments.  
| **Purity:** 99.91%  
| **Clinical Data:** Launched  
| **Size:** 10mM x 1mL in DMSO, 1 g, 5 g  
| **Cat. No.: HY-80226**

| **Nitroxoline**  
| **(8-Hydroxy-5-nitroquinoline; 5-Nitro-8-quinolinol)**  
| **Bioactivity:** Nitroxoline is an antibiotic that has proven to be very effective at combating biofilm infections. Nitroxoline functions by chelating Fe2+ and Zn2+ ions from the biofilm matrix.  
| **Purity:** 98.0%  
| **Clinical Data:** Launched  
| **Size:** 10mM x 1mL in DMSO, 1 g  
| **Cat. No.: HY-B1159**

| **Norfloxacin**  
| **(MK-0366)**  
| **Bioactivity:** Norfloxacin (MK-0366) is a broad-spectrum antibiotic that is active against both Gram-positive and Gram-negative bacteria, which functions by inhibiting DNA gyrase.  
| **Purity:** 99.84%  
| **Clinical Data:** Phase 4  
| **Size:** 10mM x 1mL in DMSO, 5 g, 10 g  
| **Cat. No.: HY-80132**

| **Norfloxacin hydrochloride**  
| **(MK-0366 (hydrochloride))**  
| **Bioactivity:** Norfloxacin (hydrochloride) (MK-0366 (hydrochloride)) is a broad-spectrum antibiotic that is active against both Gram-positive and Gram-negative bacteria, which functions by inhibiting DNA gyrase.  
| **Purity:** >98%  
| **Clinical Data:** Launched  
| **Size:** 5 g, 10 g  
| **Cat. No.: HY-80132A**

| **Norvancomycin hydrochloride**  
| **(Desmethyl-vancomycin hydrochloride)**  
| **Bioactivity:** Norvancomycin hydrochloride is applicable for endocarditis, osteomyelitis, pneumonia, sepsis or soft tissue infections caused by Staphylococcus (including Methicillin-resistant strains and multidrug-resistant microbial strains). Target: Antibacterial  
| **Purity:** >98%  
| **Clinical Data:** Launched  
| **Size:** 10mM x 1mL in Water, 5 mg, 10 mg, 50 mg, 100 mg  
| **Cat. No.: HY-B1924**

| **Novobiocin Sodium**  
| **(Albamycin; Cathomycin)**  
| **Bioactivity:** Novobiocin Sodium is an antibiotic compound derived from Streptomyces niveus. Target: Antibacterial Novobiocin, also known as albamycin or cathomycin, is an aminocoumarin antibiotic that is produced by the actinomycete Streptomyces niveus, which has recently been identified as a subjective...  
| **Purity:** 95.0%  
| **Clinical Data:** Launched  
| **Size:** 10mM x 1mL in DMSO, 100 mg, 500 mg  
| **Cat. No.: HY-80425A**

| **Nucleocidin**  
| **(4′-Fluoro-5′-O-sulfamoyladenosine; NSC 521007)**  
| **Bioactivity:** Nucleocidin is an antitrypanosomal antibiotic, inhibiting the transfer of labeled amino acid from S-RNA to protein.  
| **Purity:** >98%  
| **Clinical Data:** No Development Reported  
| **Size:** 250 mg, 500 mg  
| **Cat. No.: HY-100496**

| **Octenidine dihydrochloride**  
| **Bioactivity:** Octenidine dihydrochloride is an effective antiseptic compound for skin mucous membranes and wounds.  
| **Purity:** 98.0%  
| **Clinical Data:** Launched  
| **Size:** 10mM x 1mL in DMSO, 200 mg, 1 g, 5 g  
| **Cat. No.: HY-B2170A**

| **Octyl gallate**  
| **(n-Octyl gallate; Stabilizer GA 8)**  
| **Bioactivity:** Octyl gallate (Propaglin O) is widely used as a food additive, with antimicrobial and antioxidant activity. [1] [2] Octyl gallate (Propaglin O) shows selective and sensitive fluorescent property. [2]  
| **Purity:** 99.96%  
| **Clinical Data:** No Development Reported  
| **Size:** 10mM x 1mL in DMSO, 1 g  
| **Cat. No.: HY-N2011**

| **Ofloxacin**  
| **(Hoe-280)**  
| **Bioactivity:** Ofloxacin (Hoe-280) is a fluoroquinolone whose primary mechanism of action is inhibition of bacterial DNA gyrase.  
| **Purity:** 99.75%  
| **Clinical Data:** Launched  
| **Size:** 10mM x 1mL in DMSO, 1 g, 5 g  
| **Cat. No.: HY-B0125**
### Oleandomycin

**Cat. No.: HY-116010**

**Bioactivity:** Oleandomycin is a macrolide antibiotic structurally closely related to Erythromycin. Oleandomycin is similar to Erythromycin with antimicrobial activity.

| Purity: | 95.0% |
| Clinical Data: | No Development Reported |
| Size: | 10mM x 1mL in DMSO, 5 mg, 10 mg |

### Olsalazine Disodium

**Cat. No.: HY-B0174**

**Bioactivity:** Olsalazine is an anti-inflammatory drug used in the treatment of Inflammatory Bowel Disease and Ulcerative Colitis.

| Purity: | 99.81% |
| Clinical Data: | Launched |
| Size: | 10mM x 1mL in Water, 5 g, 10 g |

### Omadacycline (PTK 0796; Amadacycline)

**Cat. No.: HY-14865**

**Bioactivity:** Omadacycline is a new tetracycline antibiotic in the pipeline, which can inhibit the 30s subunit of bacterial ribosome.

| Purity: | >98% |
| Clinical Data: | Phase 3 |
| Size: | 5 mg, 10 mg, 50 mg |

### Omadacycline hydrochloride (PTK0796 hydrochloride; Amadacycline hydrochloride)

**Cat. No.: HY-14865C**

**Bioactivity:** Omadacycline hydrochloride is novel, aminomethyl tetracycline antibiotic being developed for the treatment of community-acquired bacterial infections. The **ED50** for *Escherichia coli* is 2.02 mg/kg.

| Purity: | 97.37% |
| Clinical Data: | Phase 3 |
| Size: | 10mM x 1mL in Water, 5 mg, 10 mg, 50 mg |

### Omadacycline mesylate (PTK 0796 mesylate; Amadacycline mesylate)

**Cat. No.: HY-14865A**

**Bioactivity:** Omadacycline mesylate is a new tetracycline antibiotic in the pipeline, which can inhibit the 30s subunit of bacterial ribosome.

| Purity: | 98.11% |
| Clinical Data: | Phase 3 |
| Size: | 5 mg, 10 mg, 50 mg |

### Omadacycline tosylate (PTK 0796 tosylate; Amadacycline tosylate)

**Cat. No.: HY-14865B**

**Bioactivity:** Omadacycline tosylate is a new tetracycline antibiotic in the pipeline, which can inhibit the 30s subunit of bacterial ribosome.

| Purity: | >98% |
| Clinical Data: | Phase 3 |
| Size: | 5 mg, 10 mg, 50 mg |

### Orbifloxacin (CP-104354)

**Cat. No.: HY-B0915**

**Bioactivity:** Orbifloxacin is a synthetic broad-spectrum fluoroquinolone antibiotic which is approved for use in dogs.

| Purity: | 99.48% |
| Clinical Data: | No Development Reported |
| Size: | 10mM x 1mL in DMSO, 100 mg |

### Oritavancin diphosphate (LY333328 diphosphate)

**Cat. No.: HY-B1831A**

**Bioactivity:** Oritavancin diphosphate is a novel semisynthetic glycopeptide antibiotic being developed for the treatment of serious Gram-positive bacterial infections.

| Purity: | 99.84% |
| Clinical Data: | Launched |
| Size: | 2 mg, 5 mg, 10 mg, 50 mg, 100 mg |

### Ornidazole (Ro 7-0207)

**Cat. No.: HY-80508**

**Bioactivity:** Ornidazole(Ro 7-0207) is a 5-nitroimidazole derivative with antiprotozoal and antibacterial properties against anaerobic bacteria.

| Purity: | 99.49% |
| Clinical Data: | Launched |
| Size: | 10mM x 1mL in DMSO, 5 g |

### Ornidazole Levo-

**Cat. No.: HY-18715**

**Bioactivity:** Ornidazole Levo- is the levo-isomer of Ornidazole. Ornidazole is a 5-nitroimidazole derivative with antiprotozoal and antibacterial properties against anaerobic bacteria. Ornidazole Levo- is the less active isomer.

| Purity: | 99.58% |
| Clinical Data: | Launched |
| Size: | 10mM x 1mL in DMSO, 50 mg |
Oxacillin sodium monohydrate
(Sodium oxacillin monohydrate)  Cat. No.: HY-B0465

Bioactivity: Oxacillin sodium monohydrate is an antibiotic similar to flucloxacillin used in resistant staphylococci infections. Target: Antibacterial Oxacillin is a penicillinase-resistant β-lactam. It is similar to methicillin, and has replaced methicillin in clinical use. Another related compound is...

Purity: >98%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 100 mg, 500 mg

Oxacillin sodium salt
Cat. No.: HY-B0925

Bioactivity: Oxacillin sodium salt is a narrow-spectrum β-lactam antibiotic of the penicillin class.

Purity: >98%
Clinical Data: Launched
Size: 100 mg

Oxaquin
(MCB-3837; DNV3837)  Cat. No.: HY-100435

Bioactivity: Oxaquin (MCB-3837) is a water-soluble, injectable prodrug that is rapidly converted to the active sub-stance MCB3681 in vivo following intravenous (i.v.) administration, active against Gram-positive bacterial species. Oxaquin (MCB-3837) itself has no antimicrobial effects [1].

Purity: >98%
Clinical Data: No Development Reported
Size: 250 mg, 500 mg

Oxytetracycline
Cat. No.: HY-B0275

Bioactivity: Oxytetracycline is a tetracycline analog isolated from the actinomycete streptomyces rimosus and used in a wide variety of clinical conditions.

Purity: 98.08%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg

Pazufloxacin
(T-3762; Pazufloxacin methanesulfonate; Pazufloxacin mesilate)  Cat. No.: HY-B0724A

Bioactivity: Pazufloxacin (T-3761) mesylate is a fluoroquinolone antibiotic.

Purity: 99.99%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

Pazufloxacin mesylate
(Pazufloxacin methanesulfonate; Pazufloxacin mesilate)  Cat. No.: HY-B0724A

Bioactivity: Pazufloxacin (T-3761) mesylate is a fluoroquinolone antibiotic.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg, 50 mg, 100 mg, 250 mg

PAβN dihydrochloride
(MC-207,110 dihydrochloride; Phe-Arg-β-naphthylamide dihydrochloride)  Cat. No.: HY-101444A

Bioactivity: PAβN dihydrochloride (MC-207110 dihydrochloride) is an efflux pump inhibitor.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg, 50 mg, 100 mg, 250 mg
<table>
<thead>
<tr>
<th>Compound</th>
<th>Cat. No.</th>
<th>Bioactivity</th>
<th>Purity</th>
<th>Clinical Data</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pefloxacin (Pefloxacinium)</td>
<td>HY-80147</td>
<td>Pefloxacin is a antibacterial agent and prevents bacterial DNA replication by inhibiting DNA gyrase (topoisomerase)</td>
<td>&gt;98%</td>
<td></td>
<td>100 mg, 500 mg</td>
</tr>
<tr>
<td>Pefloxacin mesylate (Pefloxacinium mesylate)</td>
<td>HY-80147A</td>
<td>Pefloxacin mesylate is a antibacterial agent and prevents bacterial DNA replication by inhibiting DNA gyrase (topoisomerase)</td>
<td>99.89%</td>
<td></td>
<td>100 mg, 500 mg</td>
</tr>
<tr>
<td>Pefloxacin mesylate dihydrate</td>
<td>HY-80147B</td>
<td>Pefloxacin mesylate dihydrate is a antibacterial agent and prevents bacterial DNA replication by inhibiting DNA gyrase (topoisomerase)</td>
<td>&gt;98%</td>
<td></td>
<td>100 mg, 500 mg</td>
</tr>
<tr>
<td>Penicillin G potassium (Benzylpenicillin potassium)</td>
<td>HY-17591</td>
<td>Penicillin G potassium is a fast-acting antibiotic, used to treat bacterial infections that affect the blood, heart, lungs, joints, and genital areas.</td>
<td>98.38%</td>
<td></td>
<td>250 mg, 5 g</td>
</tr>
<tr>
<td>Penicillin G sodium salt</td>
<td>HY-B1463</td>
<td>Penicillin G sodium salt is a typical β-lactam antibiotic.</td>
<td>99.72%</td>
<td>Phase 4</td>
<td>100 mg</td>
</tr>
<tr>
<td>Penicillin V Potassium (Phenoxymethylpenicillin potassium salt)</td>
<td>HY-B0975</td>
<td>Penicillin V Potassium is an antibiotic useful for the treatment of a number of bacterial infections, is a penicillin that is orally active, acts by inhibiting the biosynthesis of cell-wall peptidoglycan.</td>
<td>98.08%</td>
<td></td>
<td>100 mg</td>
</tr>
<tr>
<td>Pentamidine isethionate</td>
<td>HY-80537B</td>
<td>Pentamidine isethionate is an antimicrobial agent for prevention and treatment of Pneumocystis pneumonia (PCP) caused by Pneumocystis jirovecii.</td>
<td>99.73%</td>
<td>Phase 4</td>
<td>10mM x 1mL in Water, 50 mg, 100 mg</td>
</tr>
<tr>
<td>Penthiopyrad (MTF-753)</td>
<td>HY-17520</td>
<td>Penthiopyrad (MTF-753) is a carboxamide fungicide used to control a broad spectrum of diseases on large variety of corps; inhibits fungal respiration by binding to mitochondrial respiratory complex II.</td>
<td>99.52%</td>
<td>No Development Reported</td>
<td>10mM x 1mL in DMSO, 50 mg, 100 mg</td>
</tr>
<tr>
<td>PF 03709270 (ulopenem etzadroxil)</td>
<td>HY-109754</td>
<td>PF 03709270 is an orally available ester prodrug form of sulopenem, with broad-spectrum antibacterial activity against most gram-positive and gram-negative bacteria.</td>
<td>&gt;98%</td>
<td>No Development Reported</td>
<td>500 mg, 1 mg, 5 mg</td>
</tr>
<tr>
<td>PGLa</td>
<td>HY-P0274</td>
<td>PGLa is an antimicrobial peptide. PGLa is known to be bacteriostatic against both Gram-positive and Gram-negative bacteria.</td>
<td>&gt;98%</td>
<td>No Development Reported</td>
<td>500u g, 1 mg, 5 mg</td>
</tr>
<tr>
<td>Compound</td>
<td>Cat. No.</td>
<td>Bioactivity</td>
<td>Purity</td>
<td>Clinical Data</td>
<td>Size</td>
</tr>
<tr>
<td>--------------------------------</td>
<td>-------------------</td>
<td>------------------------------------------------------------------------------</td>
<td>--------------</td>
<td>------------------------------</td>
<td>-----------------------------</td>
</tr>
<tr>
<td>Phthalylsulfacetamide</td>
<td>HY-80967</td>
<td>Phthalylsulfacetamide is a sulfa drug, after oral administration, slowly decompose in the intestine, and release sulfacetamide, generating antibacterial effect.</td>
<td>98.0%</td>
<td>No Development Reported</td>
<td>10 mM x 1 mL in DMSO, 5 g</td>
</tr>
<tr>
<td>Phthalylsulfathiazole (N4-Phthalylsulfathiazole)</td>
<td>HY-B1407</td>
<td>Phthalylsulfathiazole is a kind of sulfonamides used as an antibacterial drug.</td>
<td>95.0%</td>
<td>No Development Reported</td>
<td>10 mM x 1 mL in DMSO, 500 mg</td>
</tr>
<tr>
<td>Picloxydine</td>
<td>HY-U00120</td>
<td>Picloxydine is a heterocyclic biguanide with antibacterial and antiplaque activity.</td>
<td>&gt;98%</td>
<td>Launched</td>
<td>1 mg, 5 mg, 10 mg, 20 mg</td>
</tr>
<tr>
<td>Pipemidic acid</td>
<td>HY-B12100</td>
<td>Pipemidic acid is a new antibacterial agent, is active against Pseudomonas aeruginosa.</td>
<td>98.0%</td>
<td>Launched</td>
<td>10 mM x 1 mL in DMSO, 100 mg</td>
</tr>
<tr>
<td>Piromidic acid</td>
<td>HY-B10430</td>
<td>Piromidic acid is a quinolone antibiotic.</td>
<td>98.0%</td>
<td>Launched</td>
<td>10 mg, 50 mg</td>
</tr>
<tr>
<td>Pivmecillinam hydrochloride (FL-1039 hydrochloride)</td>
<td>HY-80810A</td>
<td>Pivmecillinam hydrochloride (FL-1039 hydrochloride) is an orally active prodrug of mecillinam, an extended-spectrum penicillin antibiotic.</td>
<td>94.13%</td>
<td>Launched</td>
<td>10 mM x 1 mL in DMSO, 10 mg, 50 mg, 100 mg</td>
</tr>
<tr>
<td>Pleuromutilin</td>
<td>HY-N2301</td>
<td>Pleuromutilin inhibits bacterial protein synthesis by binding to the 50S ribosomal subunit of bacteria.</td>
<td>98.0%</td>
<td>No Development Reported</td>
<td>10 mM x 1 mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg, 500 mg</td>
</tr>
</tbody>
</table>
### PNU-176798  
**Cat. No.: HY-100306**  
**Bioactivity:** PNU-176798 is an antimicrobial agent, targeting protein synthesis in a wide spectrum of gram-positive and anaerobic bacteria.  
**Purity:** >98%  
**Clinical Data:** No Development Reported  
**Size:** 1 mg, 5 mg, 10 mg

### PNU288034  
**Cat. No.: HY-101818**  
**Bioactivity:** PNU288034 is a potent oxazolidinone antibiotic.  
**Purity:** >98%  
**Clinical Data:** No Development Reported  
**Size:** 1 mg, 5 mg, 10 mg, 20 mg

### Polymyxin B nonapeptide  
**Cat. No.: HY-106783**  
**Bioactivity:** Polymyxin B nonapeptide is a cyclic peptide obtained from Polymyxin B by proteolytic removal of its terminal amino acyl residue. Polymyxin B nonapeptide is less toxic, lacks bactericidal activity, and retains its ability to render gram-negative bacteria susceptible to several antibiotics.  
**Purity:** >98%  
**Clinical Data:** No Development Reported  
**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

### Polymyxin B Sulfate  
**Cat. No.: HY-A0248**  
**Bioactivity:** Polymyxin B Sulfate is a cationic surfactant antibiotic agent. A mixture of polymyxins B1 and B2, increases the permeability of the cell membrane. In vitro: RB50 is resistant to killing by polymyxin B at concentrations up to 100 μg/ml.  
**Purity:**  
**Clinical Data:** Launched  
**Size:** 500 mg, 1 g, 5 g

### Potassium clavulanate cellulose  
(Potassium clavulanate:cellulose (1:1))  
**Cat. No.: HY-19964**  
**Bioactivity:** Potassium clavulanate cellulose is a mixture of potassium clavulanate and cellulose, is a beta-lactamase inhibitor. It increases the permeability of the cell membrane.  
**Purity:**  
**Clinical Data:** No Development Reported  
**Size:** 10 mg, 50 mg, 100 mg, 200 mg, 500 mg

### Povidone iodine  
(iodopovidone)  
**Cat. No.: HY-B2234**  
**Bioactivity:** Povidone iodine displays excellent antibacterial activity which can against MRSA and MSSA strains with MICS of 31.25 mg/L and 7.82 mg/L, respectively.  
**Purity:**  
**Clinical Data:** Launched  
**Size:** 1 g

### Pretomanid  
(PA-824; (S)-PA 824)  
**Cat. No.: HY-10844**  
**Bioactivity:** Pretomanid (PA-824) is a small-molecule nitroimidazopyran drug candidate for the treatment of tuberculosis; the MIC values of PA-824 against a panel of MTB pan-sensitive and rifampin mono-resistant clinical isolates ranged from 0.015 to 0.25 μg/ml. JC50 value: 0.15 to 0.25 μg/ml (MICS) [1]  
**Purity:** 99.54%  
**Clinical Data:** Phase 4  
**Size:** 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

### Pristimerin  
(Celastrol methyl ester)  
**Cat. No.: HY-N1937**  
**Bioactivity:** Pristimerin is a potent and reversible monoacylglycerol lipase (MGL) inhibitor with an IC_{50} of 93 nM.  
**Purity:** 98.48%  
**Clinical Data:** No Development Reported  
**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg

### Pristinamycin IA  
(Mikamycin B; Mikamycin IA)  
**Cat. No.: HY-A0279A**  
**Bioactivity:** Ceruletide, a biologically active decapeptide isolated from the skin of the Australian frog Hyla caerulea, is a potent cholecystokinetic agent, and acts as a cholecystokinin receptor agonist.  
**Purity:** 95.60%  
**Clinical Data:** No Development Reported  
**Size:** 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 25 mg

### Procodazole  
(Propazol; 2-Benzimidazolepropionic acid)  
**Cat. No.: HY-B1056**  
**Bioactivity:** Procodazole is a non-specific active immunoprotective agent against viral and bacterial infections, used as a potentiator.  
**Purity:** 98.95%  
**Clinical Data:** No Development Reported  
**Size:** 10mM x 1mL in DMSO, 500 mg

---

Procyanidin A2

Bioactivity: Procyanidin A2 is a flavonoid found in cranberries and lingonberries, with anti-cancer, antioxidant, antimicrobial and anti-inflammation activity.\(^{[1]}\)\(^{[2]}\)

Purity: >98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

Proflavine hemisulfate

Bioactivity: Proflavine hemisulfate is an Acridine derivative, which is a slow-acting disinfectant with bacteriostatic action against many Gram-positive bacteria but less effective against Gram-negative organisms.

Purity: 99.13%
Clinical Data: Phase 2
Size: 10mM x 1mL in Water, 100 mg

Propineb

Bioactivity: Propineb (Zinc propylenebis(dithiocarbamate)) is a compound widely used in fruit and vegetables cultures, due to its large spectrum of activity against fungal plant diseases.\(^{[1]}\)

Purity: >98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

Propylparaben

Bioactivity: Propylparaben is an antimicrobial agent, preservative, flavouring agent.

Purity: 99.76%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

Prothionamide

Bioactivity: Prothionamide (or prothionamide) is a drug used in the treatment of tuberculosis; has also been tested for use in the treatment of leprosy.

Purity: 99.53%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

Puromycin

Bioactivity: Puromycin dihydrochloride is the dihydrochloride salt of puromycin. Puromycin is an aminoglycoside antibiotic that inhibits protein synthesis.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

Puromycin aminonucleoside

Bioactivity: Puromycin aminonucleoside (NSC 3056) is the aminonucleoside portion of the antibiotic puromycin, and used in nephrosis animal models.

Purity: 99.59%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg, 500 mg, 1 g

Puromycin Dihydrochloride

Bioactivity: Puromycin dihydrochloride is the dihydrochloride salt of puromycin. Puromycin is an aminoglycoside antibiotic that inhibits protein synthesis.

Purity: 99.87%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

Pyrazinamide

Bioactivity: Pyrazinamide is a pyrazine that is used therapeutically as an antitubercular agent. Target: Antibacterial Pyrazinamide is a prodrug that stops the growth of Mycobacterium tuberculosis. Pyrazinoic acid was thought to inhibit the enzyme fatty acid synthase (FAS) 1 which is required by the bacterium to...

Purity: 99.37%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 10 g, 50 g
| **Q203**  
| (IAP6; Telacebec) | Cat. No.: HY-101040 |
| **Bioactivity:** | Q203 (IAP6) is a midazopyridine amide compound. Q203 is active against *Mycobacterium tuberculosis* H37Rv with an \( \text{MIC}_{50} \) of 2.7 nM in culture broth medium. |
| **Purity:** | 98.01% |
| **Clinical Data:** | Phase 1 |
| **Size:** | 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 50 mg, 100 mg |

| **Radezolid**  
| (RX-1741) | Cat. No.: HY-14800 |
| **Bioactivity:** | Radezolid is a novel oxazolidinone antibiotic agent. |
| **Purity:** | 99.27% |
| **Clinical Data:** | Phase 2 |
| **Size:** | 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg |

| **Relebactam**  
| (MK-7655) | Cat. No.: HY-16752 |
| **Bioactivity:** | Relebactam is a diazabicyclooctane inhibitor with activity against a wide spectrum of \( \beta \)-lactamases, including class A (extended-spectrum \( \beta \)-lactamases [ESBLs] and KPC) and class C (AmpC) enzymes. Target: beta-lactamase Imipenem with Relebactam is active against *Escherichia coli*, *Klebsiella*... |
| **Purity:** | 98.94% |
| **Clinical Data:** | Phase 3 |
| **Size:** | 10mM x 1mL in Water, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg |

| **Retapamulin**  
| (SB-275833) | Cat. No.: HY-17010 |
| **Bioactivity:** | Retapamulin(SB-275833) is a topical antibiotic, which binds to both *E. coli* and *S. aureus* ribosomes with similar potencies with \( \text{Kd} \) of 3 nM. |
| **Purity:** | 98.0% |
| **Clinical Data:** | Launched |
| **Size:** | 10mM x 1mL in DMSO, 10 mg, 50 mg |

| **Ribocil** | Cat. No.: HY-19487 |
| **Bioactivity:** | Ribocil is a highly selective chemical modulator of bacterial riboflavin riboswitches. Ribocil strongly inhibits GFP expression, achieving a 50% effective concentration (EC50) of 0.3 \( \mu \)M. Target: in vitro: Ribocil is a highly specific bioactive synthetic mimic of FMN, which competes with... |
| **Purity:** | 99.08% |
| **Clinical Data:** | No Development Reported |
| **Size:** | 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 50 mg, 100 mg |

| **Ribocil B**  
| (Ribocil S enantiomer; ent-Ribocil A) | Cat. No.: HY-19487A |
| **Bioactivity:** | Ribocil B is the active S-isomer of ribocil which can inhibit flavin mononucleotide (FMN) with a \( \text{Kd} \) of 6.6 nM. |
| **Purity:** | >98% |
| **Clinical Data:** | No Development Reported |
| **Size:** | 5 mg, 10 mg, 50 mg, 100 mg |

| **Ribostamycin sulfate**  
| (Vistamycin sulfate) | Cat. No.: HY-81228 |
| **Bioactivity:** | Ribostamycin is a broad-spectrum antimicrobial, inhibits bacterial protein synthesis at the level of 30S and 50S ribosomal subunit binding, also inhibits the chaperone activity of protein disulfide isomerase (PDI), used in pharmacokinetic and nephrotoxicity studies |
| **Purity:** | 98.0% |
| **Clinical Data:** | Launched |
| **Size:** | 10mM x 1mL in Water, 50 mg |

| **Ridinilazole**  
| (SMT19969) | Cat. No.: HY-16753 |
| **Bioactivity:** | Ridinilazole is a novel antibacterial with MICs range of 0.06-0.25\( \mu \)g/mL (\( \text{MIC}_{90} = 8 \mu \)g/mL) against *C. difficile*. |
| **Purity:** | 99.51% |
| **Clinical Data:** | Phase 2 |
| **Size:** | 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 20 mg |

| **Rifabutin**  
| (Ansamycin; LM-427) | Cat. No.: HY-17025 |
| **Bioactivity:** | Rifabutin (Ansamycin) is a semisynthetic ansamycin antibiotic with potent antitubercular properties. |
| **Purity:** | 99.62% |
| **Clinical Data:** | Launched |
| **Size:** | 10mM x 1mL in DMSO, 50 mg, 100 mg, 500 mg |

| **Rifampicin**  
| (Rifampin; Rifamycin AMP) | Cat. No.: HY-B0272 |
| **Bioactivity:** | Rifampicin is a potent and broad spectrum antibiotic against *bacterial* pathogens. |
| **Purity:** | 98.07% |
| **Clinical Data:** | Launched |
| **Size:** | 10mM x 1mL in DMSO, 1 g, 5 g |
Rifapentine (DL 473; Cyclopentylrifampicin)  
**Cat. No.: HY-80269**  
**Bioactivity:** Rifapentine (Priftin) is an antibiotic compound used in the treatment of tuberculosis.  
**Purity:** 98.0%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 50 mg, 100 mg

Rifaximin  
**Cat. No.: HY-13234**  
**Bioactivity:** Rifaximin(Xifaxan) is an orally administered, semi-synthetic, nonsystemic antibiotic derived from rifamycin SV with antibacterial activity.  
**Purity:** 99.34%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 500 mg, 1 g, 5 g

Rimonabant  
**Cat. No.: HY-14136**  
**Bioactivity:** Rimonabant (SR141716) is a highly potent and selective central cannabinoid receptor (CB1) antagonist with a \( K_i \) of 1.8 nM. Rimonabant (SR141716) also inhibits Mycobacterial membrane protein Large 3 (MMPL3).  
**Purity:** >98%  
**Clinical Data:** Phase 4  
**Size:** 10 mg, 50 mg, 100 mg

Rifaximin Hydrochloride  
**Cat. No.: HY-14137**  
**Bioactivity:** Rifaximin hydrochloride is a highly potent and selective central cannabinoid receptor (CB1) antagonist with an \( K_i \) of 1.8 nM. Rifaximin hydrochloride also inhibits Mycobacterial membrane protein Large 3 (MMPL3).  
**Purity:** 99.08%  
**Clinical Data:** Phase 4  
**Size:** 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

RNAIII-inhibiting peptide(TFA)  
**Cat. No.: HY-P1452A**  
**Bioactivity:** RNAIII-inhibiting peptide(TFA) is a potent inhibitor of *Staphylococcus aureus*, effective in the diseases such as cellulitis, keratitis, septic arthritis, osteomyelitis and mastitis.  
**Purity:** 99.86%  
**Clinical Data:** No Development Reported  
**Size:** 1 mg, 5 mg

RNPA1000  
**Cat. No.: HY-12824**  
**Bioactivity:** RNPA1000 is an attractive antimicrobial development candidate; RnpA inhibitor.  
**Purity:** >98%  
**Clinical Data:** No Development Reported  
**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

Robenidine hydrochloride  
**Cat. No.: HY-82157**  
**Bioactivity:** Robenidine hydrochloride is an anticoccidial agent which is also active against MRSA and VRE with MIC of 8.1 and 4.7 \( \mu \)M, respectively.  
**Purity:** 98.0%  
**Clinical Data:** No Development Reported  
**Size:** 10mM x 1mL in DMSO, 100 mg

Rolitetracycline  
**Cat. No.: HY-18257**  
**Bioactivity:** Rolitetracycline, a derivative of tetracycline, is a broad-spectrum antibiotic. Rolitetracycline has a role as a protein synthesis inhibitor, an antiprotozoal drug and a prodrug.  
**Purity:** >98%  
**Clinical Data:** No Development Reported  
**Size:** 5 mg, 10 mg

Roxithromycin  
**Cat. No.: HY-80435**  
**Bioactivity:** Roxithromycin (RU-28965) is a semi-synthetic macrolide antibiotic.  
**Purity:** 98.0%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 1 g, 5 g

Rufloxacin hydrochloride  
**Cat. No.: HY-80902A**  
**Bioactivity:** Rufloxacin hydrochloride (MF-934 hydrochloride) is a fluoroquinolone antibacterial, inhibits B-cell differentiation in human mononuclear cells, inhibits Topo.  
**Purity:** 98.0%  
**Clinical Data:** Launched  
**Size:** 50 mg, 100 mg
Salicyl-AMS

**Bioactivity:** Salicyl-AMS is a mycobactin biosynthesis inhibitor which can also inhibit *M. tuberculosis* growth in vitro under iron-limited conditions.

**Purity:** 99.20%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in Water, 1 mg, 5 mg, 10 mg

---

Salinomycin

*Procoxacin*

**Bioactivity:** Salinomycin is an anticoccidial drug with potent anti-bacterial activity and an novel anticancer agent targeting human cancer stem cells.

**Purity:** 98.0%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

---

Salinomycin sodium salt

*(Salinomycin sodium; Sodium salinomycin)*

**Bioactivity:** Salinomycin sodium salt is an anticoccidial drug with potent anti-bacterial activity and an novel anticancer agent targeting human cancer stem cells.

**Purity:** 98.0%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in DMSO, 25 mg, 50 mg, 100 mg

---

Sarafloxacin hydrochloride

*(A-56620 (hydrochloride))*

**Bioactivity:** Sarafloxacin (hydrochloride) (A-56620 (hydrochloride)) is a quinolone antibiotic drug.

**Purity:** 98.18%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in DMSO, 1 g, 5 g

---

Sibofimloc

*(Antibiotic-202)*

**Bioactivity:** Sibofimloc (Antibiotic-202) is an antibiotic compound, for treating bacterial infections.

**Purity:** >98%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 25 mg, 50 mg

---

Sisomicin sulfate

**Bioactivity:** Sisomicin sulfate is an aminoglycoside antibiotic.

**Purity:** 98.0%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in Water, 250 mg

---

Sitafloxacin hydrate

*(DU6859a hydrate)*

**Bioactivity:** Sitafloxacin Hydrate is a new-generation, broad-spectrum oral fluoroquinolone antibiotic. Target: Antibacterial Sitafloxacin Hydrate, a new-generation, broad-spectrum oral fluoroquinolone that is very active against many Gram-positive, Gram-negative and anaerobic clinical isolates, including strains resistant...

**Purity:** 98.0%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

---

Sodium 4-aminosalicylate dihydrate

*(4-Amino-salicylic acid sodium salt)*

**Bioactivity:** Sodium 4-aminosalicylate dihydrate is one of the antimycobacterial drugs currently used for multidrug-resistant tuberculosis.

**Purity:** 99.49%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in Water, 1 g, 5 g
Solithromycin (CEM-101; OP-1068)  
Cat. No.: HY-17593

**Bioactivity:** Solithromycin is a novel fluoroketolide with improved antimicrobial effectiveness.

**Purity:** 98.0%
**Clinical Data:** Phase 3
**Size:** 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 50 mg

Sparfloxacin (CI-978; AT-4140)  
Cat. No.: HY-B0308

**Bioactivity:** Sparfloxacin (CI-978) is a fluoroquinolone antibiotic, shows broad and potent antibacterial activity.

**Purity:** 99.58%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in DMSO, 100 mg, 500 mg

Spectinomycin dihydrochloride  
Cat. No.: HY-B0438

**Bioactivity:** Spectinomycin is an antibiotic which acts by binding to the 30S subunit of the bacterial ribosome and interrupting protein synthesis.

**Purity:** 98.0%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in Water, 1 g, 5 g, 25 g

Spectinomycin dihydrochloride pentahydrate  
(Spectinomycin hydrochloride hydrate)  
Cat. No.: HY-B1828A

**Bioactivity:** Spectinomycin dihydrochloride pentahydrate is a broad-spectrum aminocyclitol antibiotic that inhibits the growth of a variety of gram-positive and gram-negative organisms.

**Purity:** 98.0%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in Water, 1 g, 5 g

Sphistin Synthetic Peptide(12-38,Fitc in N-Terminal-Fluorescently Labeled Peptide)  
Cat. No.: HY-P1459

**Bioactivity:** Sphistin Synthetic Peptide (12-38, Fitc in N-Terminal-Fluorescently Labeled Peptide) is a truncated fragments of Sphistin Synthetic Peptide that shows potent antimicrobial activity.

**Purity:** >98%
**Clinical Data:** No Development Reported
**Size:** 1 mg, 5 mg

Spiramycin (Rovamycin)  
Cat. No.: HY-100593

**Bioactivity:** Spiramycin is a clinically important 16-member macrolide antibiotic produced by Streptomyces ambofaciens.

**Purity:** 98.56%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in DMSO, 100 mg

SQ109 (NSC 722041)  
Cat. No.: HY-14989

**Bioactivity:** SQ109 is a potent inhibitor of the trypomastigote form of the parasite, with IC₅₀ for cell killing of 50±8 nM. SQ109, targets MmpL3, is an antitubercular agent.

**Purity:** 98.0%
**Clinical Data:** Phase 2
**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

Squalamine (MSI-1256)  
Cat. No.: HY-16468

**Bioactivity:** Squalamine(MSI-1256) is an aminosterol compound with potent broad spectrum antiviral activity.

**Purity:** 98.0%
**Clinical Data:** Phase 3
**Size:** 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 50 mg

Squalamine lactate (MSI-1256F)  
Cat. No.: HY-16467

**Bioactivity:** Squalamine lactate is an aminosterol compound discovered in the tissues of the dogfish shark, with antimicrobial activity, and used for the treatment of neovascular age-related macular degeneration.

**Purity:** 95.0%
**Clinical Data:** No Development Reported
**Size:** 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 50 mg

Streptomycin sulfate  
Cat. No.: HY-B0472

**Bioactivity:** Streptomycin sulfate is an aminoglycoside antibiotic, that inhibits protein synthesis.

**Purity:** 98.0%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in Water, 10 g, 50 g
**Succinylsulfathiazole**  
(Succinylsulphathiazole)  
Cat. No.: HY-80921  

**Bioactivity:** Succinylsulfathiazole is a sulfonamide, it is an ultra long acting drug.

**Purity:** 97.0%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 100 mg

---

**Sulbactam**  
(CP45899)  
Cat. No.: HY-B0334  

**Bioactivity:** Sulbactam(Betamaze) is an irreversible β-lactamase inhibitor. Target: β-lactamase. Antibacterial Sulbactam is a mechanism-based inhibitor of beta-lactamase enzymes used in clinical practice. sulbactam was the antimicrobial agent responsible for the killing of these organisms [1]. sulbactam...

**Purity:** 98.0%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 100 mg

---

**Sulfabrom**  
(N 3517; Sulfabromomethazine)  
Cat. No.: HY-U00131  

**Bioactivity:** Sulfabrom (N 3517; Sulfabromomethazine) is a long-acting veterinary medicine that is used for the treatment of coccidiosis and various bacterial infections in the poultry, swine and cattle.

**Purity:** 97.11%  
**Clinical Data:** No Development Reported  
**Size:** 1 mg, 5 mg, 10 mg, 20 mg

---

**Sulfacetamide Sodium**  
Cat. No.: HY-B0576  

**Bioactivity:** Sulfacetamide Sodium is an anti-infective agent that is used topically to treat skin infections and orally for urinary tract infections.

**Purity:** 99.17%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 5 g

---

**Sulfacetamide sodium monohydrate**  
Cat. No.: HY-B0888  

**Bioactivity:** Sulfacetamide sodium monohydrate is a sulfonamide antibiotic, has been investigated for use in the treatment of pityriasis versicolor and rosacea.

**Purity:** >98%  
**Clinical Data:** Launched  
**Size:** 100 mg

---

**Sulfachloropyridazine**  
(Sulfachlorpyridazine)  
Cat. No.: HY-B1781  

**Bioactivity:** Sulfachloropyridazine is a broad spectrum sulfonamide used against both Gram-positive and Gram-negative aerobic bacteria.

**Purity:** 99.61%  
**Clinical Data:** No Development Reported  
**Size:** 10mM x 1mL in DMSO, 250 mg

---

**Sulfadiazine**  
Cat. No.: HY-B0273  

**Bioactivity:** Sulfadiazine is a sulfonamide antibiotic.

**Purity:** 99.83%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 5 g

---

**Sulfadimethoxine**  
(Sulphadimethoxine)  
Cat. No.: HY-B0337  

**Bioactivity:** Sulfadimethoxine is a sulfonamide antibiotic.

**Purity:** 99.75%  
**Clinical Data:** No Development Reported  
**Size:** 10mM x 1mL in DMSO, 100 mg, 500 mg

---

**Sulfaguanidine**  
Cat. No.: HY-B1267  

**Bioactivity:** Sulfaguanidine is a sulfonamide, used as an antibiotic.

**Purity:** 98.0%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 100 mg
Bioactivity: Sulfamerazine(RP-2632) is a sulfonamide antibacterial.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 20 mg

Bioactivity: Sulfamerazine sodium salt is a sulfonamide antibacterial. Target: Antibacterial Sulfamerazine, the monomethyl derivative of sulfadiazine, is 2-sulfanilamido-4-methylpyrimidine. Sulfamerazine is a sulfonamide drug that inhibits bacterial synthesis of dihydrofolic acid by competing with...

Purity: >98%
Clinical Data: No Development Reported
Size: 1 g, 5 g

Bioactivity: Sulfameter(Bayrena) is a long-acting sulfonamide antibacterial.

Purity: 99.66%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

Bioactivity: Sulfamethazine is a sulfonamide antibacterial. Target: Antibacterial Sulfamethazine is an antibiotic used to treat bronchitis, prostatitis and urinary tract infections. Sulfamethazine blocks the synthesis of dihydrofolic acid by inhibiting dihydropteroate synthase. In addition,...

Purity: 99.51%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 10 g

Bioactivity: Sulfamethoxazole is a sulfonamide bacteriostatic antibiotic.

Purity: 99.92%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

Bioactivity: Sulfamonomethoxine is a long acting sulfonamide antibacterial agent, used in blood kinetic studies, and blocks the synthesis of folic acid by inhibiting synthetase of dihydropteroate.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

Bioactivity: Sulfanilamide is a competitive inhibitor for bacterial enzyme dihydropteroate synthetase with IC50 of 320 μM.

Purity: 99.89%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 5 g, 10 g

Bioactivity: Sulfanitran is a sulfonamide antinfective drug.

Purity: 99.75%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

Bioactivity: Sulfaphenazole is a specific inhibitor of CYP2C9 which blocks atherogenic and pro-inflammatory effects of linoleic acid (increase in oxidative stress and activation of AP-1) mediated by CYP2C9. Acts as an antibacterial and antimicrobial.

Purity: 99.81%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg

Bioactivity: Sulfaproxiline is a synthetic antimicrobial drug that is sulfonamide.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 20 mg
### Sulfapyridine
**Cat. No.:** HY-80212

**Bioactivity:** Sulfapyridine (Dagenan) is a sulfonamide antibacterial.

**Purity:** 99.96%

**Clinical Data:** Launched

**Size:** 1 g, 5 g

### Sulfaquinoxaline sodium salt
**Cat. No.:** HY-81282A

**Bioactivity:** Sulfaquinoxaline sodium salt is an antibiotic which has activity against a broad spectrum of Gram-negative and Gram-positive bacteria.

**Purity:** 98.45%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in DMSO, 100 mg

### Sulfasymazine
**Cat. No.:** HY-100262

**Bioactivity:** Sulfasymazine is a sulfonamide drug and displays antibacterial properties.

**Purity:** >98%

**Clinical Data:** No Development Reported

**Size:** 1 mg, 5 mg, 10 mg

### Sulfathiazole
**Cat. No.:** HY-80507

**Bioactivity:** Sulfathiazole is an organosulfur compound that has been used as a short-acting sulfa drug.

**Purity:** >98%

**Clinical Data:** Launched

**Size:** 1 g

### Sulfathiazole sodium (Soluthiazamide)
**Cat. No.:** HY-80507A

**Bioactivity:** Sulfathiazole Sodium is an organosulfur compound that has been used as a short-acting sulfa drug.

**Purity:** 99.06%

**Clinical Data:** Launched

**Size:** 10mM x 1mL in DMSO, 10 g

### Sulfram
**Cat. No.:** HY-121817

**Bioactivity:** Sulfram, an ectoparasiticide, is a drug applied topically to treat scabies [1].

**Purity:** >98%

**Clinical Data:** No Development Reported

**Size:** 100 mg, 250 mg, 500 mg

### Sulfisomidin (Sulfaisodimidine)
**Cat. No.:** HY-81784

**Bioactivity:** Sulfisomidin is a sulfonamide antibacterial.

**Purity:** 99.76%

**Clinical Data:** Launched

**Size:** 10mM x 1mL in DMSO, 100 mg

### Sulfisoxazole (Sulfafurazole)
**Cat. No.:** HY-80323

**Bioactivity:** Sulfisoxazole, an endothelin receptor antagonist, is a sulfonamide antibacterial with an oxazole substituent.

**Purity:** 99.96%

**Clinical Data:** Launched

**Size:** 10mM x 1mL in DMSO, 100 mg, 500 mg

### Sutezolid (PNU-100480; U-100480; PF-02341272)
**Cat. No.:** HY-10392

**Bioactivity:** Sutezolid (PNU-100480) is an oxazolidinone antimicrobial being developed for the treatment of tuberculosis.

**Purity:** 99.29%

**Clinical Data:** Phase 2

**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

### Syncytial Virus Inhibitor-1
**Cat. No.:** HY-119375

**Bioactivity:** Syncytial Virus Inhibitor-1 is a potent, orally bioavailable respiratory syncytial virus (RSV) fusion inhibitor with EC<sub>50</sub> of 0.002 μM, 0.004 μM, and 0.002 μM for RSV Long, RSV A2, and RSV B strains, respectively [1].

**Purity:** >98%

**Clinical Data:** No Development Reported

**Size:** 250 mg, 100 mg, 500 mg
<table>
<thead>
<tr>
<th><strong>Taniborbactam</strong></th>
<th><strong>Cat. No.: HY-109124</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>Taniborbactam is a potent inhibitor of β-lactamase, with IC\textsubscript{50} of &lt;100 nM for SHV-5, KPC-2, VIM-2, and AmpC β-lactamase, and 0.1 to 1 μM for OXA-1 β-lactamase, used in the research of bacterial infections. \textsuperscript{[1]}</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>&gt;98%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>No Development Reported</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>250 mg, 500 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Tazobactam</strong> (CL-298741; YTR-830H)</th>
<th><strong>Cat. No.: HY-81418</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>Tazobactam is a beta Lactamase Inhibitor with antibacterial activity Target: Antibacterial Tazobactam is a pharmaceutical drug that inhibits the action of bacterial β-lactamases, especially those belonging to the SHV-1 and TEM groups. It is commonly used as its sodium salt, Tazobactam sodium. Tazobactam...</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>98.0%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>Launched</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>10mM x 1mL in DMSO, 100 mg, 200 mg, 500 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>TBAJ-587</strong></th>
<th><strong>Cat. No.: HY-111747</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>TBAJ-587, a potent anti-tuberculosis agent, inhibits M.tb strain H37Rv growth with MIC\textsubscript{90} of 0.006 and &lt;0.02 μg/mL in MABA and LORA assay, respectively. TBAJ-587 inhibits hERG channel minimally, attenuates inhibition of the cardiac potassium channel protein coded by the hERG, which is...</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>&gt;98%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>No Development Reported</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>100 mg, 250 mg, 500 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Tebipenem pivoxil</strong> (L084)</th>
<th><strong>Cat. No.: HY-80396</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>Tebipenem Pivoxil is a novel oral carbapenem antibiotic. Target: Antibacterial Tebipenem is a broad spectrum orally administered antibiotic, from the carbapenem subgroup of beta-lactam antibiotics. It was developed as a replacement drug to combat bacteria that had acquired antibiotic...</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>98.0%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>Launched</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>10mM x 1mL in DMSO, 10 mg, 100 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Tebipenem phosphate</strong> (TR-701FA)</th>
<th><strong>Cat. No.: HY-14855B</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>Tebipenem phosphate is a novel oxazolidinone with activity against Gram-positive pathogens.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>98.20%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>Launched</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Tebirolast</strong></th>
<th><strong>Cat. No.: HY-18702</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>Taniborbactam functions as a bacteriostatic inhibitor of wall teichoic acid (WTA) biosynthesis which can inhibit the growth of methicillin-susceptible S. aureus (MSSA) and methicillin-resistant S. aureus (MRSA) with MIC\textsubscript{90} of 2 μg/mL for both MRSA and MSSA.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>98.54%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>No Development Reported</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>TBA-354</strong></th>
<th><strong>Cat. No.: HY-12485</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>TBA-354 is a potent anti-tuberculosis compound; maintains activity against Mycobacterium tuberculosis H37Rv isogenic monoresistant strains and clinical drug-sensitive and drug-resistant isolates.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>98.55%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>Phase 1</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>10mM x 1mL in DMSO, 5 mg, 10 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Tedizolid phosphate</strong> (TR-700; Torezolid; DA-7157)</th>
<th><strong>Cat. No.: HY-14855</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>Tedizolid (TR 700; Torezolid; DA-7157) is a novel oxazolidinone, acting through inhibition of bacterial protein synthesis by binding to 235 ribosomal RNA (rRNA) of the 505 subunit of the ribosome.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>98.69%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>Launched</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Teicoplanin</strong> (Antibiotic MDL-507; MDL-507)</th>
<th><strong>Cat. No.: HY-A0097</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>Teicoplanin is a semisynthetic glycopeptide antibiotic used in the prophylaxis and treatment of serious infections caused by Gram-positive bacteria, including Methillin-resistant Staphylococcus aureus and Enterococcus faecalis.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>95.0%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>Launched</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>50 mg, 100 mg</td>
</tr>
</tbody>
</table>
Telithromycin (HMR3647; RU66647)  
**Cat. No.:** HY-A0062  
**Bioactivity:** Telithromycin (HMR3647) is a ketolide antibiotic to treat community acquired pneumonia of mild to moderate severity.  
**Purity:** 99.34%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 10 mg, 50 mg

Tetracycline  
**Cat. No.:** HY-A0107  
**Bioactivity:** Tetracycline is a broad-spectrum antibiotic, exhibiting activity against a wide range of gram-positive and gram-negative bacteria.  
**Purity:** 98.0%  
**Clinical Data:** Launched  
**Size:** 200 mg, 1 g

Tetracycline hydrochloride  
**Cat. No.:** HY-B0474  
**Bioactivity:** Tetracycline (hydrochloride) is a broad-spectrum antibiotic, exhibiting activity against a wide range of gram-positive and gram-negative bacteria.  
**Purity:** 98.94%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 1 g, 5 g

Thiamphenicol (Thiophenicol; Dextrosulphenidol)  
**Cat. No.:** HY-B0479  
**Bioactivity:** Thiamphenicol is an antimicrobial antibiotic and a methyl-sulfonyl analogue of chloramphenicol.  
**Purity:** 99.09%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 10 mg, 50 mg

Thiononium bromide  
**Cat. No.:** HY-B1246  
**Bioactivity:** Thiononium bromide is a monocationic detergent. Target: Antibacterial A solution of Thiononium bromide is a surfactant and a detergent that promotes tissue contact by dispersion and penetration of the cellular debris and exudate of the containing solution. Thiononium bromide is used in...  
**Purity:** 98.70%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 10 mg, 50 mg

Tiadinil  
**Cat. No.:** HY-17517  
**Bioactivity:** Tiadinil is a plant activator of systemic acquired resistance, boosts the production of herbivore-induced plant volatiles; fungicide.  
**Purity:** >98%  
**Clinical Data:** No Development Reported  
**Size:** 10 mg, 50 mg, 100 mg

Tiamulin fumarate (Thiamutilin fumarate)  
**Cat. No.:** HY-B2060A  
**Bioactivity:** Tiamulin is a diterpenic veterinary drug widely used in swine for the control of infectious diseases, including swine dysentery and enzootic pneumonia.  
**Purity:** 98.0%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 250 mg, 1 g

Ticarcillin disodium (Ticarcillin disodium salt)  
**Cat. No.:** HY-B1175  
**Bioactivity:** Ticarcillin disodium is an injectable antibiotic for the treatment of Gram-negative bacteria, particularly Pseudomonas aeruginosa. It is also one of the few antibiotics capable of treating Stenotrophomonas maltophilia infections.  
**Purity:** 97.26%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in Water, 100 mg

Tigecycline (GAR-936)  
**Cat. No.:** HY-B0117  
**Bioactivity:** Tigecycline (GAR-936) is a broad-spectrum glycyclcline antibiotic. The mean inhibitory concentration (MIC) of Tigecycline for E. coli (MG1655 strain) is approximately 125 ng/mL [1]. MIC₅₀ and MIC₉₀ are 1 and 2 mg/L for Acinetobacter baumannii (A. baumannii), respectively...  
**Purity:** 99.88%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg, 200 mg, 500 mg
Bioactivity: Tigecycline hydrochloride (GAR-936 hydrochloride) is a broad-spectrum glycyclcline antibiotic. The mean inhibitory concentration (MIC) of Tigecycline for E. coli (MG1655 strain) is approximately 125 ng/mL [1]. MIC_{50} and MIC_{90} are 1 and 2 mg/L for Acinetobacter baumannii (A. baumannii),...

Purity: 98.0%
Clinical Data: Launched
Size: 10 mg, 50 mg, 100 mg, 200 mg, 500 mg

Bioactivity: Tigecycline mesylate (GAR-936 mesylate) is a broad-spectrum glycyclcline antibiotic. The mean inhibitory concentration (MIC) of Tigecycline for E. coli (MG1655 strain) is approximately 125 ng/mL [1]. MIC_{50} and MIC_{90} are 1 and 2 mg/L for Acinetobacter baumannii (A. baumannii),...

Purity: >98%
Clinical Data: Launched
Size: 10 mg, 50 mg, 100 mg, 200 mg, 500 mg

Bioactivity: Tigecycline tetramesylate (GAR-936 tetramesylate) is a broad-spectrum glycyclcline antibiotic. The mean inhibitory concentration (MIC) of Tigecycline for E. coli (MG1655 strain) is approximately 125 ng/mL [1]. MIC_{50} and MIC_{90} are 1 and 2 mg/L for Acinetobacter baumannii (A. baumannii),...

Purity: >98%
Clinical Data: Launched
Size: 10 mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

Bioactivity: Tigemonam is a monobactam, with potent activity against Gram-negative aerobic bacterial pathogens.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

Bioactivity: Tildipirosin, a long-acting macrolide, has antibiotic activity.

Purity: 99.81%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 50 mg, 100 mg

Bioactivity: Tilmicosin (LY-177370; EL-870) is a macrolide antibiotic, is used in veterinary medicine for the treatment of bovine respiratory disease and ovine respiratory disease associated with Mannheimia (Pasteurella) haemolytica.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg

Bioactivity: Tilmicosin phosphate (LY-177370 phosphate; EL-870 phosphate) is a macrolide antibiotic, is used in veterinary medicine for the treatment of bovine respiratory disease and ovine respiratory disease associated with Mannheimia (Pasteurella) haemolytica.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

Bioactivity: Tizoxanide is the active metabolite of Nitazoxanide, which is a thiazolide anti-infective compound against anaerobic bacteria, protozoa, and a range of viruses. IC50 value: Target: Antiviral agent in vitro: Tizoxanide inhibited virus replication of all CIVs with 50% and 90% inhibitory...

Purity: 99.76%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

Bioactivity: Tobramycin is an aminoglycoside, broad-spectrum antibiotic produced by Streptomyces tenebrarius. Target: Antibacterial Tobramycin is an aminoglycoside antibiotic derived from Streptomyces tenebrarius and used to treat various types of bacterial infections, particularly Gram-negative infections....

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 100 mg, 500 mg
### Tolclofos-methyl
**Cat. No.: HY-82053**

**Bioactivity:** Tolclofos-methyl is a broad-spectrum aromatic hydrocarbon fungicide that is used as a seed treatment for protection against soil-borne and seed-borne fungal pathogens that cause seed decay and seedling blights.

**Purity:** 96.51%

**Clinical Data:** No Development Reported

**Size:** 100 mg, 500 mg

---

### Tolfenpyrad
**Cat. No.: HY-17516**

**Bioactivity:** Tolfenpyrad is a pesticide that was first approved in 2002 in Japan.

**Purity:** 98.20%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in DMSO, 100 mg

---

### Tosufloxacin tosylate hydrate (A-61827 tosylate hydrate)
**Cat. No.: HY-B1802A**

**Bioactivity:** Tosufloxacin (tosylate hydrate) is a fluoroquinolone antibacterial agent. Tosufloxacin (tosylate hydrate) is effective against Gram-positive and Gram-negative aerobic bacteria and anaerobic bacteria and Chlamydia trachomatis. Tosufloxacin (tosylate hydrate) is also a bacterial Topo (DNA...)

**Purity:** 99.17%

**Clinical Data:** Launched

**Size:** 10mM x 1mL in DMSO, 200 mg, 1 g, 5 g, 10 g

---

### Tosylchloramide sodium trihydrate
**Cat. No.: HY-U00087**

**Bioactivity:** Tosylchloramide sodium trihydrate (Chloramine T sodium trihydrate) is a disinfectant agent widely used in laboratories, kitchens and hospitals. It is also used as a biocide in air fresheners and deodorants.

**Purity:** >98%

**Clinical Data:** No Development Reported

**Size:** 5 mg

---

### trans-Cinnamic acid
**Cat. No.: HY-N0610**

**Bioactivity:** trans-Cinnamic acid is a natural antimicrobial, with minimal inhibitory concentration (MIC) of 250 μg/mL against fish pathogen A. sobria, SY-AS1 [1].

**Purity:** 99.91%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in DMSO, 100 mg

---

### Triclocarban
**Cat. No.: HY-B1805**

**Bioactivity:** Triclocarban is an antimicrobial agent used in personal cleaning products.

**Purity:** 98.61%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in DMSO, 500 mg

---

### Triclosan
**Cat. No.: HY-B1119**

**Bioactivity:** Triclosan is an antibacterial and antifungal agent found in consumer products, including soaps, detergents, toys, and surgical cleaning treatments.

**Purity:** 97.0%

**Clinical Data:** Launched

**Size:** 10mM x 1mL in DMSO, 100 mg

---

### Trimetrexate (CI-898)
**Cat. No.: HY-10373**

**Bioactivity:** Trimetrexate(CI-898) is a potent competitive inhibitor of bacterial, protozoan, and mammalian dihydrofolate reductase. IC50 value: Target: Antibiotic Trimetrexate therapy had minimal toxicity; transient neutropenia or thrombocytopenia occurred in 12 patients and mild elevation of serum...

**Purity:** 98.43%

**Clinical Data:** Phase 3

**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

---

### Tubercidin (7-Deazaadenosine; Sparsomycin A)
**Cat. No.: HY-100126**

**Bioactivity:** Tubercidin (7-Deazaadenosine) is an adenosine analog, an antibiotic obtained from Streptomyces tubercidicus. Target: Antibacterial Tubercidin inhibits the growth of Streptococcus faecalis by 50% at a concentration of 20 nM. Tubercidin is not subject to cleavage by adenosine phosphorylase or to...

**Purity:** 98.68%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

---

### Tuberculosis inhibitor 1
**Cat. No.: HY-119938**

**Bioactivity:** Tuberculosis inhibitor 1 is a potent and non-cytotoxic trypanosoma brucei growth inhibitor with an EC50 of 5 nM [1].

**Purity:** >98%

**Clinical Data:** No Development Reported

**Size:** 100 mg, 500 mg, 250 mg
**Tulathromycin A**  
(Tulathromycin; CP 472295)  
Cat. No.: HY-15662

**Bioactivity:** Tulathromycin A is a macrolide antibiotic.

**Purity:** 98.0%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

---

**Tunicamycin**  
Cat. No.: HY-A0098

**Bioactivity:** Tunicamycin is a N-acetylglucosamine containing antibiotic from Streptomyces lysosuperijikus which inhibits protein glycosylation.

**Purity:** 99.69%

**Clinical Data:** No Development Reported

**Size:** 2 mg, 5 mg

---

**Tylosin**  
(Tylosin A)  
Cat. No.: HY-0519A

**Bioactivity:** Tylosin (Fradizine; Tylocine; Tylosin A) is a broad spectrum antibiotic against Gram-positive organisms and a limited range of Gram-negative organisms

**Purity:** 95.04%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in DMSO, 50 mg

---

**Tylosin phosphate**  
Cat. No.: HY-0519B

**Bioactivity:** Tylosin phosphate (Fradizine; Tylocine; Tylosin A) is a broad spectrum antibiotic against Gram-positive organisms and a limited range of Gram-negative organisms.

**Purity:** >98%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in DMSO, 50 mg

---

**Tylosin tartrate**  
Cat. No.: HY-0519

**Bioactivity:** Tylosin Tartrate is an antibiotic with a large macrocyclic lactone ring. Target: Antibacterial Tylosin is a bacteriostat food additive used in veterinary medicine. It has a broad spectrum of activity against gram-positive organisms and a limited range of gram-negative organisms. There is no...

**Purity:** 98.0%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in DMSO, 50 mg

---

**Urechistachykinin I**  
(Uru-TK I)  
Cat. No.: HY-P1768

**Bioactivity:** Urechistachykinin I (Uru-TK I), an invertebrate tachykinin-related peptides (TRPs) isolated from echiuroid worms, shows antimicrobial activities without a hemolytic effect [1] [2].

**Purity:** >98%

**Clinical Data:** No Development Reported

**Size:**

---

**Urechistachykinin II**  
(Uru-TK II)  
Cat. No.: HY-P1763

**Bioactivity:** Urechistachykinin II (Uru-TK II), an invertebrate tachykinin-related peptides (TRPs) isolated from echiuroid worms, shows antimicrobial activities without a hemolytic effect [1] [2].

**Purity:** >98%

**Clinical Data:** No Development Reported

**Size:**

---

**Vaborbactam**  
(RPX7009)  
Cat. No.: HY-19930

**Bioactivity:** Vaborbactam is a cyclic boronic acid pharmacophore β-lactamase inhibitor.

**Purity:** 99.85%

**Clinical Data:** Phase 3

**Size:** 10mM x 1mL in Water, 1 mg, 5 mg, 10 mg, 50 mg, 100 mg

---

**Valifenalate**  
(IR5885; Valiphenal)  
Cat. No.: HY-17518

**Bioactivity:** Valifenalate(IR5885; Valiphenal), which is approved for application on high-value crops such as grapes, tomatoes and other vegetables, is effective against various types of mildew and is currently marketed primarily under the Valis moniker; insecticide agent.

**Purity:** 98.75%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in DMSO, 1 g, 5 g

---

**Valnemulin Hydrochloride**  
Cat. No.: HY-0027

**Bioactivity:** Valnemulin hydrochloride is a pleuromutilin antibiotic which inhibits protein synthesis in bacteria by binding the peptidyl transferase enzyme in the 50s ribosomal subunit.

**Purity:** 99.84%

**Clinical Data:** Launched

**Size:** 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg
<table>
<thead>
<tr>
<th><strong>Vancomycin</strong></th>
<th><strong>Cat. No.: HY-80671</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>Vancomycin is an antibiotic for the treatment of bacterial infections.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>&gt;98%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>Launched</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>250 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Vancomycin hydrochloride</strong></th>
<th><strong>Cat. No.: HY-17362</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>Vancomycin hydrochloride is an antibiotic for the treatment of bacterial infections. It acts by inhibiting the second stage of cell wall synthesis of susceptible bacteria. Vancomycin also alters the permeability of the cell membrane and selectively inhibits ribonucleic acid synthesis.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>98.83%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>Launched</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>10mM x 1mL in DMSO, 250 mg, 1 g, 5 g</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Vebufloxacin</strong></th>
<th><strong>Cat. No.: HY-U00194</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>(Flumenic; OPC7241; DM8966)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>Vebufloxacin (Flumenic; OPC7241; DM8966) exhibits potent antibacterial activity against gram-positive and -negative bacteria.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>&gt;98%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>No Development Reported</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>1 mg, 5 mg, 10 mg, 20 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>WQ 2743</strong></th>
<th><strong>Cat. No.: HY-101651</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>WQ 2743 is a potent antimicrobial agent.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>&gt;98%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>No Development Reported</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>500 mg, 250 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>WQ3810</strong></th>
<th><strong>Cat. No.: HY-U00389</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>(KPI-10 free base)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>WQ3810 is an orally active fluoroquinolone, with potent antibacterial activities.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>&gt;98%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>No Development Reported</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>500 mg, 250 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Xanthorrhizol</strong></th>
<th><strong>Cat. No.: HY-112657</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>Xanthorrhizol, isolated from Curcuma xanthorrhiza Roxb, is a potential antibacterial agent.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>&gt;98%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>No Development Reported</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>250 mg, 500 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Zidebactam</strong></th>
<th><strong>Cat. No.: HY-120859</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>(WCK-5107)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>Zidebactam (WCK-5107) is a potent β-lactamase inhibitor. Zidebactam also is a penicillin-binding protein2 (PBP2) inhibitor with an IC50 of 0.26 μg/mL.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>&gt;98%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>No Development Reported</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>5 mg, 10 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Zidebactam sodium salt</strong></th>
<th><strong>Cat. No.: HY-120859A</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>(WCK-5107 sodium salt)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>Zidebactam sodium salt (WCK-5107 sodium salt) is a potent β-lactamase inhibitor. Zidebactam also is a penicillin-binding protein2 (PBP2) inhibitor with an IC50 of 0.26 μg/mL.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>&gt;98%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>No Development Reported</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>5 mg, 10 mg</td>
</tr>
</tbody>
</table>
| **Zoliflodacin**  
| (ETX0914; AZD0914)  
| **Cat. No.:** HY-17647  |
| **Bioactivity:** Zoliflodacin (ETX0914/AZD0914) is a novel spiropyrimidinetrione **bacterial DNA gyrase/topoisomerase** inhibitor. Zoliflodacin has potent in vitro antibacterial activity against Gram-positive and Gram-negative organisms, including *S. aureus* with the **MIC<sub>90</sub>** of 0.25 μg/mL. |
| **Purity:** 98.0%  |
| **Clinical Data:** No Development Reported  |
| **Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg  |

| **β-Chloro-L-alanine**  
| *(L-β-Chloroalanine)*  
| **Cat. No.:** HY-107373  |
| **Bioactivity:** β-Chloro-L-alanine is a bacteriostatic amino acid analog which inhibits a number of enzymes, including **threonine deaminase** and **alanine racemase**. |
| **Purity:** 98.0%  |
| **Clinical Data:** No Development Reported  |
| **Size:** 10mM x 1mL in DMSO, 100 mg  |