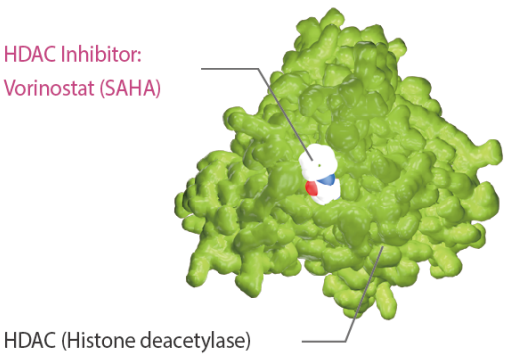
MAP3K

MAP kinase kinase kinase, MEKK, MAPKKK



MAP3Ks (Mitogen-activated protein kinase kinase kinases), the top components of MAPK cascades, modulate many biological processes, such as growth, development and various environmental stresses. Based on the sequence of their kinase catalytic domain, MAP3Ks are classified into three groups: the MEKK-like, ZIK-like and Raf-like families. Raf-like MAP3Ks constitute largest MAP3K subfamily. Raf-like MAP3Ks play roles in response to biotic and abiotic stresses.

MAP3Ks often bind to both MAP4Ks and MAP2Ks in the same pathway. For example, MEKK1 (MAP3K1) binds to both the MAP4K NIK and the MAP2K MKK4, while NSY-1 (MAP3K) binds to the MAP2K SEK-1. MAP3Ks activates MAP2Ks by phosphorylation of a serine and/or threonine, and MAP2Ks activate MAPKs by dual phosphorylation of a Thr-X-Tyr motif.

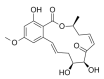
5Z-7-Oxozeaenol

(FR148083; L783279; LL-Z 1640-2)

Cat. No.: HY-12686

Bioactivity: 5Z-7-Oxozeaenol is a natural anti-protozoan compound from fungal origin, acting as a potent irreversible and selective inhibitor of **TAK1** and **VEGF-R2**, with **IC_{50}**s of 8 nM and 52 nM, respectively.

Purity: 99.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg

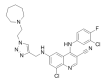


Cot inhibitor-1

Cat. No.: HY-32015

Bioactivity: Cot inhibitor-1 is a COT/Tpl2 inhibitor.

Purity: 95.25%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

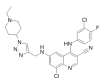


Cot inhibitor-2

Cat. No.: HY-32018

Bioactivity: Cot inhibitor-2 is a COT/Tpl2 inhibitor.

Purity: 99.20%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

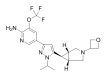


DLK-IN-1

Cat. No.: HY-114331

Bioactivity: DLK-IN-1 is a selective inhibitor of dual leucine zipper kinase **(DLK, MAP3K12)**, with a **K_i** of 3 nM. DLK-IN-1 retains excellent CNS penetration and is well tolerated following multiple days of dosing at concentrations that exceed those required for DLK inhibition in the brain. DLK-IN-1 has...

Purity: >98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

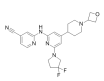


GNE-3511

Cat. No.: HY-12947

Bioactivity: GNE-3511 is a **dual leucine zipper kinase (DLK)** inhibitor with a **K_i** of 0.5 nM.

Purity: 99.98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 50 mg, 100 mg, 200 mg

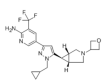


GNE-8505

Cat. No.: HY-114332

Bioactivity: GNE-8505 is an orally available inhibitor of **Dual leucine zipper kinase (DLK)** [1].

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

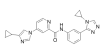


GS-444217

Cat. No.: HY-100844

Bioactivity: GS-444217 is a potent and selective ATP-competitive inhibitor of apoptosis signal-regulating kinase 1 (**ASK1**) with an **IC_{50}** of 2.87 nM [1].

Purity: 99.80%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 50 mg, 100 mg

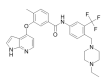


NG25

Cat. No.: HY-15434

Bioactivity: NG25 is a potent dual **TAK1** and **MAP4K2** inhibitor, with **IC_{50}**s of 149 nM and 21.7 nM, respectively.

Purity: 99.45%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg

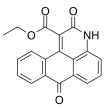


NQDI-1

Cat. No.: HY-19566

Bioactivity: NQDI-1 inhibits apoptosis signal-regulating kinase 1 (**ASK1**) with a **K_i** of 500 nM and an **IC_{50}** of 3 μM.

Purity: 95.93%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg



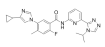
Selonsertib

(GS-4997)

Cat. No.: HY-18938

Bioactivity: Selonsertib is an apoptosis signal-regulating kinase 1 (**ASK1**) inhibitor with a **pIC_{50}** of 8.3±0.07.

Purity: 99.12%
Clinical Data: Phase 2
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg, 200 mg

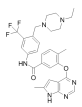


TAK1/MAP4K2 inhibitor 1

Cat. No.: HY-77251

Bioactivity: TAK1/MAP4K2 inhibitor 1 is a potent dual TGFβ-activated kinase 1 (**TAK1**) and mitogen-activated protein kinase kinase kinase kinase 2 (**MAP4K2**) inhibitor, with **IC_{50}**s of 41.1 nM and 18.2 nM, respectively.

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



Takinib

Cat. No.: HY-103490

Bioactivity: Takinib is a potent and selective **TAK1** inhibitor with an **IC_{50}** of 9.5 nM.

Purity: 98.00%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 50 mg, 100 mg