

## Mitophagy Compound Library (96-well)

### Product Details:

Catalog Number:	HY-L180
Formulation:	A collection of 595 small molecules related to mitophagy as pre-dissolved Solutions or Solid
Container:	96- or 384-well Plate with Peelable Foil Seal; 96-well Format Sample Storage Tube With Screw Cap and Optional 2D Barcode
Storage:	In solvent: -80°C 2 years, -20°C 1 year; Powder: -20°C 3 years, 4°C 2 years
Shipping:	Blue ice or dry ice
Packaging:	Inert gas

### Plate layout: HY-L180-1

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	MRT68921	MRT68921 (dihydrochloride)	Mitoquinone (mesylate)	TPEN	RSL3	(1R,3R)-RSL3	SZL P1-41	Nutlin-3a	BH3I-1	FCCP	Empty
b	Empty	Visomitin	TAK-243	CID5721353	Avadomide	D- $\alpha$ -Hydroxyglutaric acid	Tempol	Urolithin A	HTHQ	Navitoclax	MX69	Empty
c	Empty	CCCP	Diphenyleneiodonium chloride	Zinc Protoporphyrin	Milademetan (tosylate hydrate)	Trolox	AZD-5991	ARP101	ML311	DKM 2-93	GSK-872	Empty
d	Empty	GSK-872 (hydrochloride)	LYN-1604 (dihydrochloride)	FX1	UbcH5c-IN-1	TCPOBOP	BAI1	Galnon (TFA)	BI-6C9	L-Ascorbic acid 2-phosphate	GSK840	Empty
e	Empty	Lexibulin	BX795	Lobaplatin	Delmitide (acetate)	Polyinosinic-polycytidylic acid	Lobenzarit (disodium)	Sulcotrione	DMPO	Guggulsterone	L-Ascorbic acid 2-phosphate	Empty
f	Empty	CADD522	Aspidin BB	ML-792	BI-3802	Trimethylamine N-oxide (dihydrate)	SMER3	RG7112	4-(4-Fluorophenyl) benzoic acid	Ensulizole	Obatoclox (Mesylate)	Empty
g	Empty	CORM-401	BAI1 (hydrochloride)	Smurf1-IN-A01	Heclin	GS143	N106	K67	GSK5182	(E/Z)-GSK5182	Pyocyanin	Empty
h	Empty	NZ 419	BI-3812	NAcM-OPT	Subasumstat	Heme Oxygenase-1-IN-1	Heme Oxygenase-1-IN-1	GSK8612	2-Selenouracil	PF-06869206	Scytonemin	Empty

### Plate layout: HY-L180-2

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	AZD4320	NSC260594	H-151	CA-5f	VU0661013	Mito-TEMPO	XRK3F2	Argininosuccinic acid (disodium)	MLS-573151	2-D08	Empty
b	Empty	MD-224	NVS-ZP7-4	(R)-NVS-ZP7-4	ULK-101	TT01001	BT2	Feprazone	Avenanthramide A	Fluorizoline	MitoTEMPOL	Empty
c	Empty	BRD5529	BCL6-IN-7	GW406108X	P62-mediated mitophagy inducer	EN219	Bim-IN-1	Trimethylamine N-oxide	Bigelovin	Dihydrolipoic Acid	JI051	Empty
d	Empty	Diallyl Trisulfide	S55746	S55746 (hydrochloride)	Triptohypol C	CAY10526	ML-097	Clitocine	Traumatic Acid	NPB	TP-021	Empty
e	Empty	Camalexin	Phox-I2	Simvastatin acid (ammonium)	2-Hydroxychalcone	HA14-1	TW-37	BI8626	Serdemetan	2-Methoxyestradiol	Sonlicromanol (hydrochloride)	Empty
f	Empty	Elesclomol	Chelerythrine (chloride)	BI8622	C25-140	DMNQ	Ibberverin	Flurochloridone	Sonlicromanol	$\alpha$ -Thujone	Clovamide	Empty
g	Empty	CLZ-8	Bax activator-1	PI-1840	YH239-EE	HOIPIN-8	BTSA1	NSC689857	RNF5 inhibitor inh-02	MFN2 agonist-1	AA147	Empty
h	Empty	ML-099	TBK1/IKK $\epsilon$ -IN-2	DI-591	TBK1/IKK $\epsilon$ -IN-4	A-1210477	BL-918	(Rac)-BL-918	NecroX-7	CP-312	iKIX1	Empty

### Plate layout: HY-L180-3

1	2	3	4	5	6	7	8	9	10	11	12
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a	Empty	MitoBloCK-11	Pyridoclox	Rifamycin S	Nexinhib20	MI-1061	MI-1061 (TFA)	Vulpinic acid	WS-383	UBE2T/FANCL-IN-1	Azadirachtin	Empty
b	Empty	Ophthalmic acid	2'-Deoxy-5-formylcytidine	Succinyl phosphonate (trisodium)	Furanodiene	ML141	IMB-XH1	OBA-09	N-tert-Butyl- $\alpha$ -phenylnitron	Mesotrione	Antineoplaston A10	Empty
c	Empty	PK11007	CL097	CL097 (hydrochloride)	Purpurin 18	Pyropheophorbide-a	Bcl-xL antagonist 2	CCT369260	Mezigdomide	TC11	MCL-1/BCL-2-IN-1	Empty
d	Empty	MCL-1/BCL-2-IN-2	MCL-1/BCL-2-IN-3	MRT67307	Thiodigalactoside	Cinnamtannin B-1	LC3-mHTT-IN-AN1	LC3-mHTT-IN-AN2	MnTE-2-PyP (chloride)	DT2216	Sodium formononetin-3'-sulfonate	Empty
e	Empty	Isobavachalcone	RIPK3-IN-1	Bz 423	Desmorpholinyl Navitoclax-NH-Me	GL0388	Mcl-1 inhibitor 6	Disufenton sodium	Salpyran (dihydrochloride)	PYR-41	PYZD-4409	Empty
f	Empty	Mabuterol	VII-31	Gossypol	Glutathione ethyl ester	Tofogliflozin (hydrate)	N-Acetyl-L-cysteine ethyl ester	CID-1067700	SENP1-IN-1	SENP1-IN-4	BC1618	Empty
g	Empty	MD-222	Mito-LND	TTBK1-IN-1	(R)-TTBK1-IN-1	J14	Ubiquitination-IN-1	AVN-944	Beclometasone dipropionate	LS-102	Urolithin C	Empty
h	Empty	Efaproxiral	Efaproxiral (sodium)	Cbl-b-IN-1	N-Acetyl-D-cysteine	N-Decanoyl-L-homoserine lactone	MYLS22	RA375	BCL6-IN-4	BNTA	Luciferase-IN-1	Empty

Plate layout: HY-L180-4

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	BCL6-IN-5	HPPH	Chlorin e6 trimethyl ester	Silybin A	XST-14	(R)-Sulforaphane	SBP-7455	NSC697923	S65487	S65487 (sulfate)	Empty
b	Empty	S65487 (hydrochloride)	T0467	QD394	Tigulixostat	HB007	WSB1 Degradar 1	DC-LC3in-D5	M435-1279	Brousochalcone A	ABBV-167	Empty
c	Empty	ROS-ERS inducer 1	ULK1-IN-2	Nrf2-ARE/hMAO-B/QR2	Topramezone	Lometrexol	TTBK1-IN-2	FT3967385	Autophagy inducer 3	Nrf2 activator-4	ATG7-IN-2	Empty
d	Empty	Antimicrobial agent-2	Anticancer agent 43	GSK319347A	MNK8	Imeglimin (hydrochloride)	TrxR-IN-5	Heme Oxygenase-2-IN-1	UBA5-IN-1	Necrolr1	Necrolr2	Empty
e	Empty	SCFSkp2-IN-2	Azilsartan	ROS-generating agent 1	Smurf1-IN-1	Succinobucol	Tyrosinase-IN-12	Phytoene desaturase-IN-1	L-Theanine	SZM679	Sabutoclax	Empty
f	Empty	(S)-Sabutoclax	YL-939	TBK1-IN-1	MTK458	HIF-PHD-IN-3	Avermectin B1	HECT E3-IN-1	Nutlin-3b	Hesperidin	BAM7	Empty
g	Empty	ROS-IN-1	Bcl-B inhibitor 1	UC-764864	(R)-(-)-Gossypol	(S)-Gossypol (acetic acid)	FC-116	Cbl-b-IN-5	LZWL02003	Venetoclax	Mcl-1 inhibitor 17	Empty
h	Empty	Anti-inflammatory agent 49	L67	WEHI-539 hydrochloride	Maritoclax	FB49	KP372-1	Idasanutin	SMIP004	BAX-IN-1	ATTECs Degradar 1	Empty

Plate layout: HY-L180-5

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	PELI1-IN-1	UH15-38	Mdivi-1	NVP-CGM097	NVP-CGM097 (sulfate)	A-385358	DC-SX029	DCC-3116	BDM19	ATPase-IN-3	Empty
b	Empty	BFC1108	Ferroptosis inducer-2	FX-11	HNPMI	WJ-39	SLC3037	Temoporfin	Skp2 Inhibitor C1	SJ-172550	Mcl1-IN-1	Empty
c	Empty	MIM1	SBI-0206965	W-54011	RO8994	Dimethyl fumarate	MI-773	Gossypol (acetic acid)	Berberine (chloride hydrate)	Redaporfin	Quercetin	Empty
d	Empty	Berberine (chloride)	UMI-77	TZ9	Siremadlin	Azoramide	Lipoic acid	ALW-II-49-7	GSK2795039	E3330	AEOL-10150 (pentachloride)	Empty
e	Empty	MCB-613	A-1155463	A-1331852	ML-098	PRT4165	Sodium thiocyanate, GR, 99%	Xanthotoxol	Clofilium tosylate	2-(Aminomethyl)phenol	Nutlin-3	Empty
f	Empty	Bafetinib	ABT-737	p53 and MDM2 proteins-	p53 and MDM2 proteins-	Methyl vanillate	Cysteamine (hydrochloride)	Aurothioglucose	Methyl aminolevulinolate	Hexaconazole	Doxofylline	Empty
g	Empty	Docetaxel	Docetaxel (Trihydrate)	L-Ascorbic acid (sodium salt)	Ellagic acid	Acetylcysteine	Albendazole	Levonorgestrel	Lacidipine	Ciprofloxacin (hydrochloride)	Amantadine	Empty
h	Empty	Amantadine (hydrochloride)	Hydralazine (hydrochloride)	Allylthiourea	Lercanidipine	Lercanidipine (hydrochloride)	Triclabendazole	Zofenopril (calcium)	Dapsone	Ecabet (sodium)	Amlexanox	Empty

Plate layout: HY-L180-6

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Histamine (dihydrochloride)	(±)- $\alpha$ -Tocopherol nicotinate	Bicyclol	Seratrodist	Bupropresin	Propiconazole	Azoxystrobin	Ascorbyl palmitate	Butylhydroxyanisole	Tetrahydroxyquinone	Empty
b	Empty	Tetrahydroxyquinone (monohydrate)	Buspirone (hydrochloride)	Buspirone	Glucosamine	Benzbromarone	Estradiol benzoate	Salsalate	Proadifen (hydrochloride)	Digitoxin	Ethoxyquin	Empty
c	Empty	(±)-Carnitine (chloride)	Allethrin	Deferoxamine	Deltamethrin	Iprodione	Iron sucrose	Uric acid (sodium)	S-Methyl-L-cysteine	Riboflavin Tetrabutryrate	Glutathione oxidized	Empty
d	Empty	Methoxy-PMS	5(6)-Carboxy-2',7'-dichlorofluore	D-(+)-Glucono-1,5-lactone	2'-Aminoacetophenone	Echinacoside	Albiflorin	Chlorogenic acid	Isochlorogenic acid A	Ferulic acid (sodium)	(E)-Ferulic acid	Empty
e	Empty	Ethyl ferulate	Solasodine	Solasonine	Ginkgolic Acid	Gambogic Acid	Schisandrin B	Naringenin	Salidroside	Neohesperidin dihydrochalcone	Nobiletin	Empty
f	Empty	Indole-3-carbinol	Peiminine	Epiberberine (chloride)	Psoralidin	Asperosaponin VI	Echinocystic acid	Cardamonin	Daphnetin	Protocatechualdehyde	Ciwujianoside B	Empty
g	Empty	Mollugin	$\alpha$ -Mangostin	Ziyuglycoside II	Eugenol	Cynarin	Dihydrocapsaicin	Liquiritin	(±)-Liquiritigenin	Glabridin	Picroside II	Empty
h	Empty	Quercitrin	Asiaticoside	Germacone	Chicoric acid	Phillygenin	Glucosamine (sulfate)	11-oxo-mogroside V	Mogroside V	Calycosin-7-O- $\beta$ -D-glucoside	Gallic acid	Empty

Plate layout: HY-L180-7

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Gallic acid (hydrate)	Pentagalloylglucose	Pinocembrin	Apigenin 7-glucoside	Amentoflavone	Dehydrocorydalone	Dehydrocorydalone (chloride)	Dehydrocorydalone (hydroxyl)	$\alpha$ -Vitamin E	Schisandrol B	Empty
b	Empty	Schaftoside	Berberine (hemisulfate)	Berberine (sulfate)	Glucosamine (hydrochloride)	Quercetin 3-O- $\beta$ -D-glucofuranoside	Procyanidin B2	(20S)-Protopanaxadiol	Jaceosidin	Isosteviol	Bufotalin	Empty
c	Empty	AKBA	Octahydrocurcumin	Hexahydrocurcumin	Kumujian A	Squalene	Reynoutrin	trans-Trimethoxyresveratrol	1,3-Dicafeoylquinic acid	Ferric citrate	Koumine	Empty
d	Empty	Levistolide A	3,4-Dimethoxycinnamic acid	(E)-3,4-Dimethoxycinnamic acid	Danshensu	3'-Hydroxypuerarin	Veratric acid	Methyl gallate	Octyl gallate	Moslosooflavone	6'-O-beta-D-Glucosylgentiopicoside	Empty
e	Empty	(+)-Schisandrin B	Piperlongumine	Procyanidin C1	Hinokiflavone	Arecaidine	Arecaidine (hydrochloride)	N-trans-Feruloyltyramine	Taccalonolide A	$\beta$ -Elemonic acid	Dihydrokaempferol	Empty
f	Empty	Isolinderalactone	Moracin P	Moracin C	Paris saponin VII	Glucoraphanin	Cephaline	Chebolic acid	Pennogenin 3-O-beta-chacotrioside	Licochalcone D	Dehydrocorydalone (nitrate)	Empty
g	Empty	Eurycomalactone	Beta-Eudesmol	Bufarenogin	Aflatoxin B1	Pyraclostrobin	Calenduloside E	Bixin	Lutein	Osmundacetone	Nerol	Empty
h	Empty	Norgestrel	Pennogenin	Crenulatin	N-trans-Caffeoyltyramine	Neriifolin	3',4'-Dimethoxyflavone	Picein	Norbergenin	Cyclo(L-Phe-L-Pro)	Dusquetide	Empty

Plate layout: HY-L180-8

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Hexapeptide-11	Octapeptide-2	CTX1	Tempo	5-Hydroxyoxindole	Manganese(salen) chloride	Phthalazine	Emoxypine (succinate)	Sinapinic acid	Citronellol	Empty
b	Empty	Oxaloacetic acid	Pelargonidin (chloride)	2,4'-Dihydroxybenzophenone	Dithiodipropionic acid	3-Indolepropionic acid	3-Indoleacrylic acid	Sodium 2-oxopropanoate	Ethyl 3,4-dihydroxybenzoate	Aminoguanidine (hemisulfate)	3-Demethylcolchicine	Empty
c	Empty	N,N'-Dimethylthiourea	Tyrosinase-IN-22	3,5-Di-tert-butylphenol	Oxychlorophenol	Stobadine	L6H21	3-Methoxy-9H-Carbazole	$\alpha$ -Tocopherol phosphate (disodium)	Tetrachlorohydroquinone	Hydrocotarnine	Empty
d	Empty	Diphenyliodonium (iodide)	p53-MDM2-IN-1	YTK-105	XIE62-1004-A	BDE 47	Empty	Empty	Empty	Empty	Empty	Empty
e	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty
f	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty
g	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty
h	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty