

## Ubiquitin Proteasome Pathway Research Chemicals

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Catalog #	Product name	Product description
<b>Proteasome Inhibitors</b>		
I-100/102	<i>clasto</i> -lactacystin-B-lactone	Highly specific, irreversible and cell-permeable
I-110/112	Epoxomicin	Potent, cell-permeable inhibitor isolated as a natural product
I-114/115/116	Lactacystin	Highly specific, irreversible and cell-permeable inhibitor
I-120/122	Z-Leu-Leu-Leu-B(OH) <sub>2</sub> (MG-262)	Peptide boronic acid, inhibits chymotrypsin-like activity
I-130	Z-Leu-Leu-Leu-CHO (MG-132)	Peptide aldehyde, reversible and cell-permeable inhibitor
I-135	Z-Leu-Leu-Nva-CHO (MG-115)	Peptide aldehyde, reversible and cell-permeable inhibitor
I-140	Z-Ile-Glu(OtBu)-Ala-Leu-CHO	Peptide aldehyde, reversible and cell-permeable inhibitor
I-150	Z-Leu-Leu-Phe-CHO	Peptide aldehyde, reversible and cell-permeable inhibitor
I-160	Ac-Leu-Leu-Nle-CHO (MG-101)	Peptide aldehyde, reversible and cell-permeable inhibitor
I-170	Ac-Leu-Leu-Met-CHO	Peptide aldehyde, reversible and cell-permeable inhibitor
I-185	AM 114	Inhibitor of the chymotrypsin-like 20S proteasome activity
I-190	Me4BodipyFL-Ahx3Leu3-VS	Proteasome activity probe
I-195	Gliotoxin	Non-competitively inhibits chymotrypsin-like 20S activity
<b>DUB Enzyme Inhibitors</b>		
I-300	IU1 USP14 Inhibitor	USP14 inhibitor, leads to increased proteasome activity
I-310	LDN 57444	UCH-L1 inhibitor
I-320	NSC 632839 hydrochloride	Inhibits ubiquitin isopeptidase activity
<b>Ubiquitin Ligase and p53 Pathway</b>		
I-400	HLI 373	Hdm2 ubiquitin ligase inhibitor
I-410	NSC 66811 hydrochloride	Potent mdm2 inhibitor, disrupts mdm2-p53 interaction
I-420	NSC 146109 hydrochloride	Protects p53 from Hdm2 mediated degradation
I-430	Thalidomide	Inhibits CRBN ubiquitin ligase activity
I-440	ProTAME	Inhibits Ub. ligase activity of APC coming soon!
<b>E1 Activating Enzyme Inhibitors</b>		
I-500	PYR 41	Cell-permeable, irreversible ubiquitin E1 inhibitor