

Thalidomide-NH-C6-NH-Boc Biochemical

Thalidomide-NH-C6-NH-Boc

CATALOG #
AAA228098

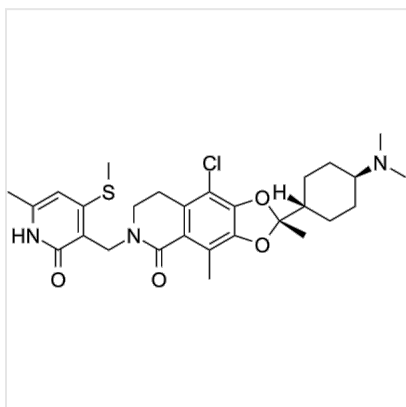
PRODUCT SYNONYMS

Thalidomide-NH-C6-NH-Boc; Thalidomide-NH-C6-NH-Boc biochemical

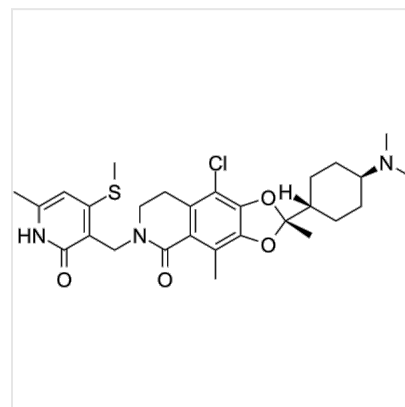
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	2093536-13-9
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	MI-389 (0-1 uM; 72 hours) decreases cell growth with an EC 50 value of 21.3 nM, which is comparable to the cellular potency of sunitinib (EC 50 =17.3 nM)[1].MI-389 (0-500 nM; 72 hours) leads to GSPT1 destabilization fastly as a dose-dependent manner. It shows a complete GSPT1 depletion at 100 nM[1]. Cell Viability Assay[1]Cell Line: Kasumi-1 cells (a c-KIT dependent acute myeloid leukemia (AML) cell line); GIST-T1 Concentration: 0-1 uM Incubation Time: 72 hours. Result: Outperform decreased-antiproliferative effect than sunitinib Western Blot Analysis[1]Cell Line: Kasumi-1 cells (a c-KIT dependent acute myeloid leukemia (AML) cell line); GIST-T1 Concentration: 1 nM, 5 nM, 10 nM, 50 nM, 100 nM, 500 nM Incubation Time: 4 hours. Result: Decreased GSPT-1 protein expression.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
CPI-1328, CAS 2390367-27-6



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ADDITIONAL INFORMATION

Related Product Information for Thalidomide-NH-C6-NH-Boc biochemical	Thalidomide-NH-C6-NH-Boc is a synthesized E3 ligase ligand-linker conjugate that incorporates the Thalidomide based cereblon ligand and a linker used for MI-389 (compound 22) synthesis. MI-389 is a potent phthalimide PROTAC degrader based on the multi-targeted receptor tyrosine kinase inhibitor sunitinib (HY-10255A).
References	1. Stuckey JI, et al. Identification and characterization of second-generation EZH2 inhibitors with extended residence times and improved biological activity. J Biol Chem. 2021 Jan-Jun;296:100349.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/thalidomide-nh-c6-nh-boc/228098>