

L-threo-PPMP Biochemical

L-threo-PPMP

CATALOG #
AAA228072

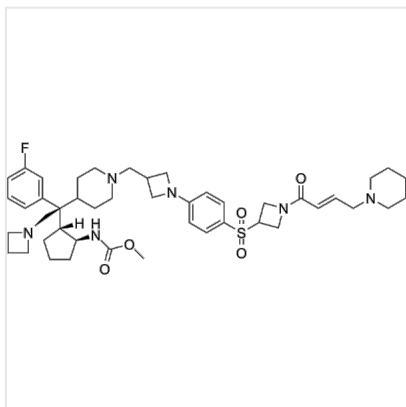
PRODUCT SYNONYMS

L-threo-PPMP; L-threo-PPMP biochemical

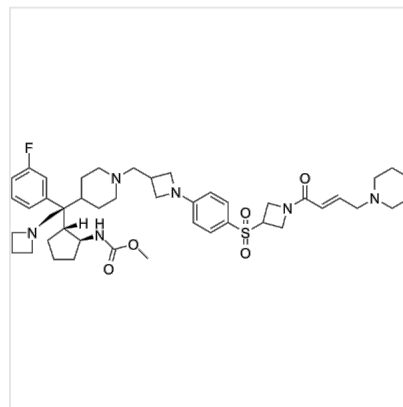
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	207278-87-3
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	L-threo-PPMP (0.5-20 uM) induces apoptosis in carcinoma (Colo-205; SKBR3) cells after 6 h and damaging DNA between 24 and 48 h after treatment[1]. L-threo-PPMP (1-16 uM; 48 hours) includes Caspase-3 activation in breast cancer SKBR3 cells[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
M-808, CAS 2377335-74-3



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ADDITIONAL INFORMATION

Related Product Information for L-threo-PPMP biochemical	L-threo-PPMP is a GlcT (UDP-Glc: Ceramide beta1,1glucosyltransferase) inhibitor. L-threo-PPMP inhibits glycosphingolipid biosynthesis and induces apoptosis. L-threo-PPMP has anti-cancer activity.
References	1. Shilin Xu, et al. Discovery of M-808 as a Highly Potent, Covalent, Small-Molecule Inhibitor of the Menin-MLL Interaction With Strong In Vivo Antitumor Activity. J Med Chem. 2020 May 14;63(9):4997-5010.

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.