

Dasminapant

Chemical Properties

CAS No. : 1570231-89-8

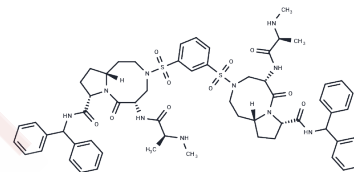
Formula: C60H72N10O10S2

Molecular Weight: 1157.41

Store at low temperature

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Dasminapant (SM-1387) is an inhibitor of apoptosis proteins antagonist that promotes rapid degradation of cIAP1/2 and XIAP, exhibiting pronounced antitumor effects against nasopharyngeal carcinoma stem cells and synergistically enhancing chemosensitivity and apoptosis when combined with cisplatin and 5-fluorouracil in both in vitro and in vivo models.
Targets(IC50)	IAP

Solubility Information

Solubility	DMSO: 40 mg/mL (34.56 mM), Sonication is recommended. H2O: < 1 mg/mL (insoluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.864 mL	4.320 mL	8.640 mL
5 mM	0.1728 mL	0.864 mL	1.728 mL
10 mM	0.0864 mL	0.432 mL	0.864 mL
50 mM	0.0173 mL	0.0864 mL	0.1728 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Rzyski T, et al. SEL120-34A is a novel CDK8 inhibitor active in AML cells with high levels of serine phosphorylation of STAT1 and STAT5 transactivation domains. *Oncotarget*. 2017 May 16;8(20):33779-33795.

Li N, et al. A novel Smac mimetic APG-1387 demonstrates potent antitumor activity in nasopharyngeal carcinoma cells by inducing apoptosis. *Cancer Lett*. 2016 Oct 10;381(1):14-22.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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