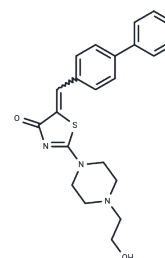


Mcl1-IN-8

Chemical Properties

CAS No. : 678158-55-9
Formula: C₂₂H₂₃N₃O₂S
Molecular Weight: 393.5
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Mcl1-IN-8 is an Mcl-1-PUMA interface inhibitor (K _i : 0.3 μM). In cancer cells, Mcl1-IN-8 shows dual activity on reducing PUMA-dependent apoptosis while deactivating Mcl-1-mediated anti-apoptosis.
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (127.06 mM), Sonication is recommended. (< 1 mg/mL refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5413 mL	12.7065 mL	25.413 mL
5 mM	0.5083 mL	2.5413 mL	5.0826 mL
10 mM	0.2541 mL	1.2706 mL	2.5413 mL
50 mM	0.0508 mL	0.2541 mL	0.5083 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.

Reference

Liu J, et al. Targeting the apoptotic Mcl-1-PUMA interface with a dual-acting compound. Oncotarget. 2017 Apr 20;8 (33):54236-54242.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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