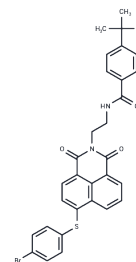


MCL-1/BCL-2-IN-1

Chemical Properties

CAS No. :	2493256-46-3
Formula:	C ₃₁ H ₂₇ BrN ₂ O ₃ S
Molecular Weight:	587.53
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	MCL-1/BCL-2-IN-2 (Compound Nap-1) is a potent and selective dual inhibitor of Mcl-1 and Bcl-2, with IC ₅₀ values of 4.45 μM and 3.18 μM, respectively [1].
Targets(IC ₅₀)	Bcl-2 Family

Solubility Information

Solubility	DMSO: 10 mg/mL (17.02 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	1.702 mL	8.5102 mL	17.0204 mL
5 mM	0.3404 mL	1.702 mL	3.4041 mL
10 mM	0.1702 mL	0.851 mL	1.702 mL
50 mM	0.034 mL	0.1702 mL	0.3404 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

Wang Z, et al. Proteolysis Targeting Chimeras for the Selective Degradation of Mcl-1/Bcl-2 Derived from Nonselective Target Binding Ligands. J Med Chem. 2019 Sep 12;62(17):8152-8163.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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