

MCL-1/BCL-2-IN-3

Chemical Properties

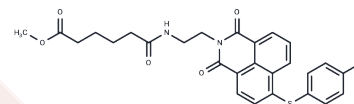
CAS No. : 2163793-55-1

Formula: C₂₇H₂₅BrN₂O₅

Molecular Weight: 569.47

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-3 is a selective and potent dual inhibitor of Mcl-1 and Bcl-2, with IC ₅₀ values of 5.95 and 4.78 μM, respectively.
Targets(IC ₅₀)	Bcl-2 Family,Others

Solubility Information

Solubility	DMSO: 17.86 mg/mL (31.36 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	1.756 mL	8.7801 mL	17.5602 mL
5 mM	0.3512 mL	1.756 mL	3.512 mL
10 mM	0.1756 mL	0.878 mL	1.756 mL
50 mM	0.0351 mL	0.1756 mL	0.3512 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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