

MX1013

Chemical Properties

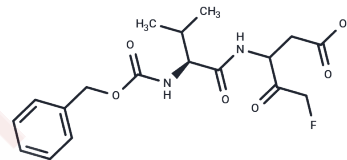
CAS No. : 582316-00-5

Formula: C₁₈H₂₃FN₂O₆

Molecular Weight: 382.39

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	MX1013, a dipeptide pan-caspase inhibitor, inhibits caspase-1, -3, -6, -7, -8, and -9.
Targets(IC50)	Others,Caspase

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6151 mL	13.0757 mL	26.1513 mL
5 mM	0.523 mL	2.6151 mL	5.2303 mL
10 mM	0.2615 mL	1.3076 mL	2.6151 mL
50 mM	0.0523 mL	0.2615 mL	0.523 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

Yang, W., Guastella, J., Huang, J.-C., et al. MX1013, a dipeptide caspase inhibitor with potent in vivo antiapoptotic activity. Br. J. Pharmacol. 140(2), 402-412 (2003).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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