

MX1013

Chemical Properties

CAS No.:	582316-00-5
Formula:	C ₁₈ H ₂₃ FN ₂ O ₆
Molecular Weight:	382.39
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	MX1013, a dipeptide pan-caspase inhibitor, inhibits caspase-1, -3, -6, -7, -8, and -9.
-------------	--

Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.615 mL	13.076 mL	26.151 mL
5 mM	0.523 mL	2.615 mL	5.230 mL
10 mM	0.262 mL	1.308 mL	2.615 mL
50 mM	0.052 mL	0.262 mL	0.523 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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).

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481