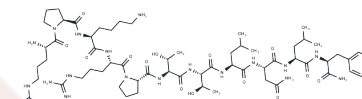


JIP-1(153-163)

Chemical Properties

CAS No. :	438567-88-5
Formula:	C ₆₁ H ₁₀₄ N ₂₀ O ₁₄
Molecular Weight:	1341.6
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	JIP-1(153-163) is a peptide inhibitor of c-Jun N-terminal kinase (JNK), based on residues 153-163 of JNK-interacting protein-1 (JIP-1). JIP-1(153-163) binds to JNK with affinity in the micromolar range and minimally inhibits p38 and ERK.
Targets(IC50)	JNK

Solubility Information

Solubility	H ₂ O: 1 mg/mL (0.75 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7454 mL	3.7269 mL	7.4538 mL
5 mM	0.1491 mL	0.7454 mL	1.4908 mL
10 mM	0.0745 mL	0.3727 mL	0.7454 mL
50 mM	0.0149 mL	0.0745 mL	0.1491 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

Barr et al (2002) Identification of the critical features of a small peptide inhibitor of JNK activity. J.Biol.Chem. 277 10987 PMID:

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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:34 Washington Street,Wellesley Hills,MA 02481