

JIP-1 (153-163) acetate(438567-88-5 free base)

Chemical Properties

CAS No. :

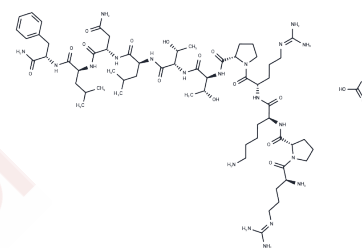
Formula: C63H108N20O16

Molecular Weight: 1401.65

Keep away from moisture

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	JIP-1 (153-163) acetate(438567-88-5 free base) 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) acetate(438567-88-5 free base) binds to JNK with affinity in the micromolar range and minimally inhibits p38 and ERK.
Targets(IC50)	JNK

Solubility Information

Solubility	DMSO: 5 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	0.7134 mL	3.5672 mL	7.1344 mL
5 mM	0.1427 mL	0.7134 mL	1.4269 mL
10 mM	0.0713 mL	0.3567 mL	0.7134 mL
50 mM	0.0143 mL	0.0713 mL	0.1427 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

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