

D-JNKI-1 acetate

Chemical Properties

CAS No. :

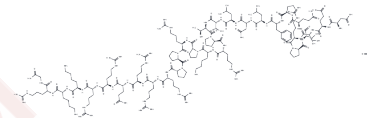
Formula: C166H290N66O42

Molecular Weight: 3882.5

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	D-JNKI-1 acetate (AM-111 acetate) is a highly potent and cell-permeable peptide inhibitor of JNK.
Targets(IC50)	JNK

Solubility Information

Solubility	DMSO: 60 mg/mL (15.45 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	0.2576 mL	1.2878 mL	2.5757 mL
5 mM	0.0515 mL	0.2576 mL	0.5151 mL
10 mM	0.0258 mL	0.1288 mL	0.2576 mL
50 mM	0.0052 mL	0.0258 mL	0.0515 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

Kersting S, et al. The impact of JNK inhibitor D-JNKI-1 in a murine model of chronic colitis induced by dextran sulfate sodium. J Inflamm Res. 2013 May 3;6:71-81.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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