

## L-JNKI-1

## Chemical Properties

CAS No. :

Formula: C164H286N66O40

Molecular Weight: 3822.44

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	L-JNKI-1, a cell-permeable peptide inhibitor specific for JNK, has been shown to effectively inhibit JNK activity in in vivo studies.
Targets(IC50)	JNK

## Solubility Information

Solubility	H2O: 100 mg/mL (26.16 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	0.2616 mL	1.3081 mL	2.6161 mL
5 mM	0.0523 mL	0.2616 mL	0.5232 mL
10 mM	0.0262 mL	0.1308 mL	0.2616 mL
50 mM	0.0052 mL	0.0262 mL	0.0523 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

Zhou MS, et al. Role of c-Jun N-terminal kinase in the regulation of vascular tone. J Cardiovasc Pharmacol Ther. 2010 Mar;15(1):78-83.

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