

## JNK3 inhibitor-7

## Chemical Properties

CAS No. :

Formula: C32H31N7O3

Molecular Weight: 561.63

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	JNK3 inhibitor-7, a potent and orally active compound that can cross the blood-brain barrier, acts as a JNK3 inhibitor with IC50 values of 53 nM for JNK3, 973 nM for JNK2, and 1039 nM for JNK1. Demonstrating significant neuroprotective effects, JNK3 inhibitor-7 holds potential for Alzheimer's disease (AD) research [1].
Targets(IC50)	Others,JNK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7805 mL	8.9027 mL	17.8053 mL
5 mM	0.3561 mL	1.7805 mL	3.5611 mL
10 mM	0.1781 mL	0.8903 mL	1.7805 mL
50 mM	0.0356 mL	0.1781 mL	0.3561 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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