

JH-FK-08

## Chemical Properties

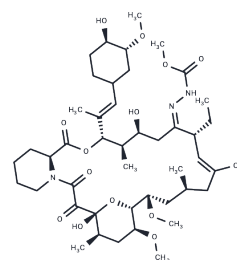
CAS No. :

Formula: C45H73N3O13

Molecular Weight: 864.073

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	JH-FK-08 is an inhibitor of the serine/threonine-specific phosphatase enzyme calcineurin (calcium-dependent phosphatase). It demonstrates antifungal activity, effectively inhibiting <i>C. neoformans</i> with a MIC80 of 0.8 µg/mL. Additionally, JH-FK-08 exhibits immunosuppressive properties by inhibiting IL-2 expression with an IC50 of 42.6 nM, and shows anti-infective activity in mouse models.
Targets(IC50)	Antifungal, Interleukin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1573 mL	5.7866 mL	11.5731 mL
5 mM	0.2315 mL	1.1573 mL	2.3146 mL
10 mM	0.1157 mL	0.5787 mL	1.1573 mL
50 mM	0.0231 mL	0.1157 mL	0.2315 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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