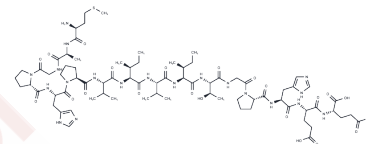


NFAT Inhibitor

Chemical Properties

CAS No. :	249537-73-3
Formula:	C75H118N20O22S
Molecular Weight:	1683.93
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	NFAT Inhibitor (VIVIT peptide) is a cell-permeable compound that selectively inhibits the calcineurin-mediated dephosphorylation of NFAT.
Targets(IC50)	Others

Solubility Information

Solubility	H2O: 50 mg/mL (29.69 mM),Sonication is recommended. DMSO: 10 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	0.5938 mL	2.9692 mL	5.9385 mL
5 mM	0.1188 mL	0.5938 mL	1.1877 mL
10 mM	0.0594 mL	0.2969 mL	0.5938 mL
50 mM	0.0119 mL	0.0594 mL	0.1188 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

Aramburu J, et al. Affinity-driven peptide selection of an NFAT inhibitor more selective than cyclosporin A. *Science*. 1999 Sep 24;285(5436):2129-33.

Wang Y S, Li B Y, Xing Y F, et al. Puerarin Ameliorated PCOS through Preventing Mitochondrial Dysfunction Dependent on the Maintenance of Intracellular Calcium Homeostasis. *Journal of Agricultural and Food Chemistry*. 2024

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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