

## NFAT Inhibitor acetate

## Chemical Properties

CAS No. :

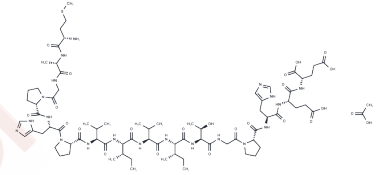
Formula: C77H122N20O24S

Molecular Weight: 1743.98

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	NFAT Inhibitor acetate (VIVIT peptide acetate) is a cell-permeable and selective NFAT peptide inhibitor of calmodulin phosphatase-mediated NFAT dephosphorylation.
Targets(IC50)	Others

## Solubility Information

Solubility	H2O: 80 mg/mL (45.87 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	0.5734 mL	2.867 mL	5.734 mL
5 mM	0.1147 mL	0.5734 mL	1.1468 mL
10 mM	0.0573 mL	0.2867 mL	0.5734 mL
50 mM	0.0115 mL	0.0573 mL	0.1147 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.

Ma JD, et al. Activation of the Peroxisome Proliferator-Activated Receptor  $\gamma$  Coactivator 1 $\beta$ /NFATc1 Pathway in Circulating Osteoclast Precursors Associated With Bone Destruction in Rheumatoid Arthritis. Arthritis Rheumatol. 2019 Aug;71(8):1252-1264.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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