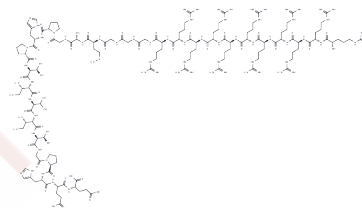


11R-VIVIT

Chemical Properties

CAS No. :	592517-80-1
Formula:	C147H259N67O36S
Molecular Weight:	3573.15
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. Inhibits LPS or LPS plus IFN- γ -induced IL-12 p40, IL-12 p70, IL-23 and TNF secretion from bone marrow-derived macrophages (BMDMs). Also attenuates NO production and Nos2 mRNA expression in LPS-stimulated BMDMs. Improves symptoms in a mouse model of colitis. Exhibits immunosuppressive effects; enhances graft survival in mice. Cell permeable.
Targets(IC50)	Others

Solubility Information

Solubility	H2O: 1 mg/mL (0.28 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	0.2799 mL	1.3993 mL	2.7987 mL
5 mM	0.056 mL	0.2799 mL	0.5597 mL
10 mM	0.028 mL	0.1399 mL	0.2799 mL
50 mM	0.0056 mL	0.028 mL	0.056 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

Elloumi et al (2012) A cell permeable peptide inhibitor of NFAT inhibits macrophage cytokine expression and ameliorates experimental colitis. PLoS One 7 e34172 PMID:

Noguchi et al (2004) A new cell-permeable peptide allows successful allogeneic islet transplantation in mice. Nat. Med. 10 305 PMID:

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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