

OVA G4 peptide acetate(148274-82-2 free base)

Chemical Properties

CAS No. :

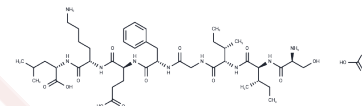
Formula: C45H75N9O14

Molecular Weight: 966.13

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	OVA G4 peptide acetate(148274-82-2 free base) (SIIGFEKL acetate) is a variant of the agonist ovalbumin (OVA) peptide (257-264), SIINFEKL. OVA Peptide is a class I (Kb)-restricted peptide epitope of ovalbumin presented by the class I MHC (major histocompatibility complex) molecule, H-2Kb (class I genes of the mouse MHC).
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Insoluble, H2O: 2.5 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	1.0351 mL	5.1753 mL	10.3506 mL
5 mM	0.207 mL	1.0351 mL	2.0701 mL
10 mM	0.1035 mL	0.5175 mL	1.0351 mL
50 mM	0.0207 mL	0.1035 mL	0.207 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

François P, et al. Phenotypic model for early T-cell activation displaying sensitivity, specificity, and antagonism. Proc Natl Acad Sci U S A. 2013 Mar 5;110(10):E888-97.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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