

OVA G4 peptide

Chemical Properties

CAS No.:	148274-82-2
Formula:	C43H71N9O12
Molecular Weight:	906.08
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	G4 peptide (SIIGFEKL) 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).
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Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.104 mL	5.518 mL	11.037 mL
5 mM	0.221 mL	1.104 mL	2.207 mL
10 mM	0.11 mL	0.552 mL	1.104 mL
50 mM	0.022 mL	0.11 mL	0.221 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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.
2. Kamalov M, et al. Ovalbumin Epitope SIINFEKL Self-Assembles into a Supramolecular Hydrogel. Sci Rep. 2019 Feb 25;9(1):2696.

Inhibitors · Natural Compounds · Compound Libraries

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