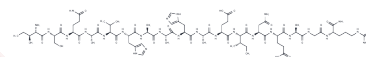


## OVA peptide

## Chemical Properties

CAS No. :	141312-45-0
Formula:	C74H121N27O24
Molecular Weight:	1772.92
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	Ovalbumin (OVA) peptide, primarily found in egg white, is a class I (Kb)-restricted peptide epitope presented by H-2Kb, the mouse MHC (major histocompatibility complex) class I gene product. It has garnered significant attention in the field of allergy research [1] [2].
Targets(IC50)	MHC
In vivo	OVA peptide-pulsed bone marrow-derived dendritic cells (DCs) significantly enhance the induction of OVA-specific cytotoxic T lymphocyte (CTL) responses in vivo. This effect is superior to that observed with either splenocytes or RMA-S cells pulsed with OVA peptide, as well as immunization with free OVA peptide in combination with adjuvant [2].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.564 mL	2.8202 mL	5.6404 mL
5 mM	0.1128 mL	0.564 mL	1.1281 mL
10 mM	0.0564 mL	0.282 mL	0.564 mL
50 mM	0.0113 mL	0.0564 mL	0.1128 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.

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

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