

OVA Peptide(257-264) TFA

Chemical Properties

CAS No. : 1262751-08-5

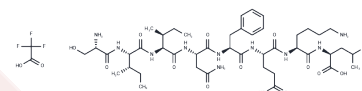
Formula: C₄₇H₇₅F₃N₁₀O₁₅

Molecular Weight: 1077.15

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 Peptide (257-264) TFA, an octameric peptide epitope from ovalbumin, is presented by the class I MHC molecule, H-2Kb, showcasing a class I (Kb)-restricted profile.
Targets(IC50)	MHC

Solubility Information

Solubility	H ₂ O: 20 mg/mL (18.57 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	0.9284 mL	4.6419 mL	9.2838 mL
5 mM	0.1857 mL	0.9284 mL	1.8568 mL
10 mM	0.0928 mL	0.4642 mL	0.9284 mL
50 mM	0.0186 mL	0.0928 mL	0.1857 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

Wick MJ, et al. Major histocompatibility complex class I presentation of ovalbumin peptide 257-264 from exogenous sources: protein context influences the degree of TAP-independent presentation. Eur J Immunol. 1996 Nov;26(11):2790-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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