

AUNP-12 TFA (1353563-85-5 free base)

Chemical Properties

CAS No. :

Formula: C144H227F3N40O50

Molecular Weight: 3375.63

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	AUNP-12 TFA (NP-12 TFA) is a polypeptide antagonist in the pd-1 signaling pathway, which has the same antagonistic effect on pd-l1 and pd-l2, and can protect the proliferation and effector function of lymphocytes.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2962 mL	1.4812 mL	2.9624 mL
5 mM	0.0592 mL	0.2962 mL	0.5925 mL
10 mM	0.0296 mL	0.1481 mL	0.2962 mL
50 mM	0.0059 mL	0.0296 mL	0.0592 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

Sasikumar PG, et al. A Rationally Designed Peptide Antagonist of the PD-1 Signaling Pathway as an Immunomodulatory Agent for Cancer Therapy. Mol Cancer Ther. 2019 Jun;18(6):1081-1091.

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