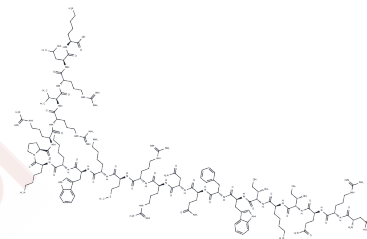


PTD-N5-1

Chemical Properties

CAS No. : 2088834-68-6
Formula: C148H248N52O30S
Molecular Weight: 3267.95
Storage: Keep away from moisture
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	PTD-N5-1 (N5-1) is an IRF5 inhibitory peptide. It can block the production of IL-12 induced by β -glucan in both wild-type and Clec2d-deficient bone marrow-derived dendritic cells (BMDC) that are activated by IFN- γ . PTD-N5-1 modulates antifungal immunity by inhibiting IRF5-mediated IL-12 production.
Targets(IC50)	TLR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.306 mL	1.530 mL	3.060 mL
5 mM	0.0612 mL	0.306 mL	0.612 mL
10 mM	0.0306 mL	0.153 mL	0.306 mL
50 mM	0.0061 mL	0.0306 mL	0.0612 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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