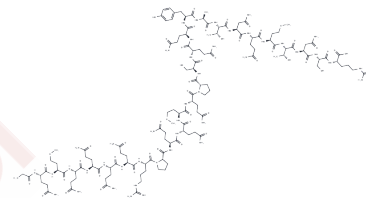


SjDX5-53

Chemical Properties

CAS No. : 2767993-73-5
 Formula: C128H208N46O46S3
 Molecular Weight: 3223.50
 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	SjDX5-53 is a selective TLR2 inducer derived from a 3 kDa peptide found in Schistosoma japonicum eggs. This compound supports the production and inhibitory function of regulatory T cells (Tregs) by inducing tolerogenic dendritic cells (tolDCs), thereby suppressing inflammatory Th1 and Th17 responses. SjDX5-53 is primarily studied for its therapeutic potential in autoimmune and inflammatory conditions, such as colitis and psoriasis.
Targets(IC50)	TLR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3102 mL	1.5511 mL	3.1022 mL
5 mM	0.062 mL	0.3102 mL	0.6204 mL
10 mM	0.031 mL	0.1551 mL	0.3102 mL
50 mM	0.0062 mL	0.031 mL	0.062 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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