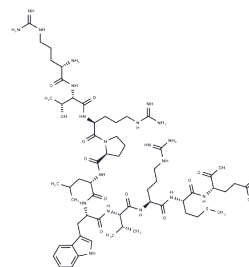


BDC2.5 Mimotope 1040-63

Chemical Properties

CAS No. :	329696-53-9
Formula:	C59H98N20O14S
Molecular Weight:	1343.6
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	BDC2.5 Mimotope 1040-63 is a biologically active peptide used in the investigation of type 1 diabetes (T1D), an autoimmune disease where T cells induce destruction of pancreatic islet β cells. This mimotope, originating from the TCR transgenic model (BDC2.5), facilitates the examination of antigen presentation mechanisms to islet autoantigen-specific T cells, contributing to the understanding of T cell-mediated beta-cell damage due to autoreactive T cell responses.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7443 mL	3.7213 mL	7.4427 mL
5 mM	0.1489 mL	0.7443 mL	1.4885 mL
10 mM	0.0744 mL	0.3721 mL	0.7443 mL
50 mM	0.0149 mL	0.0744 mL	0.1489 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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