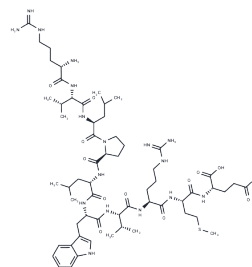


BDC2.5 mimotope 1040-51

Chemical Properties

CAS No. :	329696-50-6
Formula:	C ₆₀ H ₉₉ N ₁₇ O ₁₃ S
Molecular Weight:	1298.6
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 1040-51 is a mimotope peptide for the diabetogenic T cell clone BDC2.5, isolated from non-obese diabetic (NOD) mice. This effectively agonistic peptide prompts T cells from prediabetic and diabetic NOD mice to respond to BDC2.5 mimotope peptides.
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Solubility Information

Solubility	H ₂ O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7701 mL	3.8503 mL	7.7006 mL
5 mM	0.154 mL	0.7701 mL	1.5401 mL
10 mM	0.077 mL	0.385 mL	0.7701 mL
50 mM	0.0154 mL	0.077 mL	0.154 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

Perez S, et al. Selective immunotargeting of diabetogenic CD4 T cells by genetically redirected T cells. Immunology. 2014 Dec;143(4):609-17.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481