

InsB 9-23

Chemical Properties

CAS No. :

Formula: C72H116N20O22S1

Molecular Weight: 1645.9

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	InsB (9-23) is an insulin B-chain peptide that binds to a class II histocompatibility complex (MHC) allele called I-Ag7.
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Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6076 mL	3.0379 mL	6.0757 mL
5 mM	0.1215 mL	0.6076 mL	1.2151 mL
10 mM	0.0608 mL	0.3038 mL	0.6076 mL
50 mM	0.0122 mL	0.0608 mL	0.1215 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

Georgia Fousteri, et al. InsB:9-23 peptide-based immunotherapy for type 1 diabetes; the immunization frequency and the state of the disease can alter the efficacy. Immunology. 2008 Apr.

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