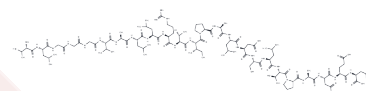


DiaPep277

Chemical Properties

CAS No. :	179822-83-4
Formula:	C106H180N28O34
Molecular Weight:	2390.73
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	DiaPep277, a 24 amino acid peptide sourced from HSP60 positions 437-460, impedes β -cell destruction in NOD mice and modulates diabetogenic T-cell activity in animal diabetes models [1] [2].
Targets(IC50)	HSP
In vivo	DiaPep277 (50 μ g; i.p.; single dose) induces strong splenic T cell reactivity and significant responses from diabetogenic clones 27, C7, and C9 [2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4183 mL	2.0914 mL	4.1828 mL
5 mM	0.0837 mL	0.4183 mL	0.8366 mL
10 mM	0.0418 mL	0.2091 mL	0.4183 mL
50 mM	0.0084 mL	0.0418 mL	0.0837 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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