

GAD65(247-266) epitope TFA

Chemical Properties

CAS No. :

Formula: C111H174F3N27O29S4

Molecular Weight: 2535.99

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	GAD65(247-266) epitope TFA, a T cell epitope derived from islet antigens, exhibits competitive binding to the type I diabetes-associated molecule I-A g7, albeit with low affinity. This epitope corresponds to a sequence within Glutamic Acid Decarboxylase 65, an enzyme implicated in the transformation of glutamate into gamma-aminobutyric acid (GABA) [1].
Targets(IC50)	GABA Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3943 mL	1.9716 mL	3.9432 mL
5 mM	0.0789 mL	0.3943 mL	0.7886 mL
10 mM	0.0394 mL	0.1972 mL	0.3943 mL
50 mM	0.0079 mL	0.0394 mL	0.0789 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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