

α GalCer-RBD

Chemical Properties

CAS No. :

Formula: C60H118N4O14

Molecular Weight: 1119.6

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	α GalCer-RBD, a conjugate of the potent invariant natural killer T cell (iNKT) agonist α -Galactosylceramide (α GalCer) and the receptor-binding domain (RBD), serves as a self-adjuvanting lipoprotein that exhibits strong potential as a COVID-19 vaccine candidate. This compound effectively induces immunity against SARS-CoV-2 and its variants of concern by promoting the development of RBD-specific, cytokine-producing T cells.
Targets(IC50)	Others,SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8932 mL	4.4659 mL	8.9318 mL
5 mM	0.1786 mL	0.8932 mL	1.7864 mL
10 mM	0.0893 mL	0.4466 mL	0.8932 mL
50 mM	0.0179 mL	0.0893 mL	0.1786 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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