

Cobitolimod

Chemical Properties

CAS No. :	1226822-98-5
Formula:	C185H233N73O106P18S6
Molecular Weight:	5925.2
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	Cobitolimod, a DNA oligonucleotide agonist of TLR-9 with anti-inflammatory properties, suppresses Th17 cells and promotes the expression of anti-inflammatory FoxP3 and IL-10, thereby inhibiting the IL-17 signaling pathway [1].
Targets(IC50)	TLR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1688 mL	0.8439 mL	1.6877 mL
5 mM	0.0338 mL	0.1688 mL	0.3375 mL
10 mM	0.0169 mL	0.0844 mL	0.1688 mL
50 mM	0.0034 mL	0.0169 mL	0.0338 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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