

## Cobitolimod sodium

## Chemical Properties

CAS No. :	1527479-55-5
Formula:	C185H215N73O105P18S6Na18
Molecular Weight:	6320.8
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 sodium, a DNA oligonucleotide agonist of TLR-9 with anti-inflammatory activity, inhibits Th17 cells and induces anti-inflammatory FoxP3 and IL-10 expression, thereby inhibiting the IL-17 signaling pathway [1].
Targets(IC50)	TLR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1582 mL	0.791 mL	1.5821 mL
5 mM	0.0316 mL	0.1582 mL	0.3164 mL
10 mM	0.0158 mL	0.0791 mL	0.1582 mL
50 mM	0.0032 mL	0.0158 mL	0.0316 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.

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