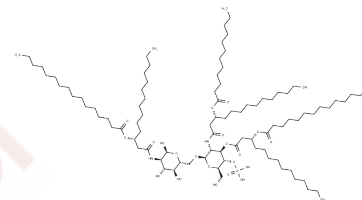


## 3D-Monophosphoryl Lipid (12,16) free acid

## Chemical Properties

CAS No. :	220048-49-7
Formula:	C <sub>96</sub> H <sub>181</sub> N <sub>2</sub> O <sub>21</sub> P
Molecular Weight:	1730.44
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	3D-Monophosphoryl Lipid (12,16) (3D-MPL (12,16)) free acid is a TLR agonist that serves as a vaccine adjuvant to boost the immunogenicity of vaccines.
Targets(IC50)	Others,TLR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5779 mL	2.8894 mL	5.7789 mL
5 mM	0.1156 mL	0.5779 mL	1.1558 mL
10 mM	0.0578 mL	0.2889 mL	0.5779 mL
50 mM	0.0116 mL	0.0578 mL	0.1156 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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