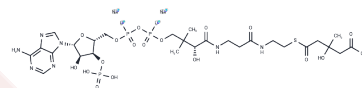


## DL-3-Hydroxy-3-methylglutaryl coenzyme A disodium hydrate

## Chemical Properties

CAS No. :	103476-21-7
Formula:	C <sub>27</sub> H <sub>42</sub> N <sub>7</sub> Na <sub>2</sub> O <sub>20</sub> P <sub>3</sub> S
Molecular Weight:	955.62
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	DL-3-Hydroxy-3-methylglutaryl coenzyme A disodium hydrate is the disodium salt compound of HMG coenzyme A, serving as a crucial intermediate in the synthesis of terpenes and ketone bodies. In the body, DL-3-Hydroxy-3-methylglutaryl coenzyme A disodium plays a role in lipid metabolism and acts as a precursor in cholesterol synthesis, potentially coupling with LDL receptors to regulate cholesterol production.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0464 mL	5.2322 mL	10.4644 mL
5 mM	0.2093 mL	1.0464 mL	2.0929 mL
10 mM	0.1046 mL	0.5232 mL	1.0464 mL
50 mM	0.0209 mL	0.1046 mL	0.2093 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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