

## UDP-3-O-acyl-GlcNAc diammonium

## Chemical Properties

CAS No. :

Formula: C<sub>31</sub>H<sub>59</sub>N<sub>5</sub>O<sub>19</sub>P<sub>2</sub>

Molecular Weight: 867.77

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   | UDP-3-O-acyl-GlcNAc diammonium functions as a metabolite in E. coli, playing a critical role in the biosynthesis pathway of 3-deoxy-D-manno-octulosonate (KDO) [1]. |
| Targets(IC50) | Endogenous Metabolite   |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.1524 mL | 5.7619 mL | 11.5238 mL |
| 5 mM  | 0.2305 mL | 1.1524 mL | 2.3048 mL  |
| 10 mM | 0.1152 mL | 0.5762 mL | 1.1524 mL  |
| 50 mM | 0.023 mL  | 0.1152 mL | 0.2305 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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