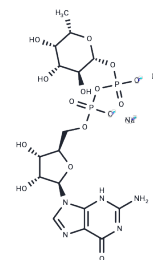


GDP-L-fucose disodium

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 148296-47-3 |
| Formula: | C ₁₆ H ₂₃ N ₅ Na ₂ O ₁₅ P ₂ |
| Molecular Weight: | 633.31 |
| 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 | GDP-L-fucose disodium, a nucleotide sugar, serves as a crucial substrate for fucose oligosaccharides biosynthesis by providing the fucose moiety. Its formation follows two metabolic pathways: the primary de novo pathway and the secondary remedial pathway [1]. |
| Targets(IC50) | Others,Endogenous Metabolite |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.579 mL | 7.895 mL | 15.7901 mL |
| 5 mM | 0.3158 mL | 1.579 mL | 3.158 mL |
| 10 mM | 0.1579 mL | 0.7895 mL | 1.579 mL |
| 50 mM | 0.0316 mL | 0.1579 mL | 0.3158 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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