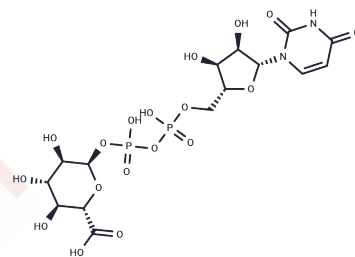


## UDP-g acid

## Chemical Properties

CAS No. :	2616-64-0
Formula:	C <sub>15</sub> H <sub>22</sub> N <sub>2</sub> O <sub>18</sub> P <sub>2</sub>
Molecular Weight:	580.29
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-g acid is a sugar used in the production of polysaccharides and is an intermediate in the biosynthesis of ascorbic acid
Targets(IC50)	Others,Endogenous Metabolite

## Solubility Information

Solubility	H <sub>2</sub> O: 16.61 mg/mL (28.62 mM),Sonication is recommended. DMSO: 5.81 mg/mL (10.01 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7233 mL	8.6164 mL	17.2328 mL
5 mM	0.3447 mL	1.7233 mL	3.4466 mL
10 mM	0.1723 mL	0.8616 mL	1.7233 mL
50 mM	0.0345 mL	0.1723 mL	0.3447 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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