

## UDP-GlcNAc

## Chemical Properties

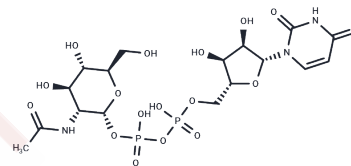
CAS No. : 528-04-1

Formula: C<sub>17</sub>H<sub>27</sub>N<sub>3</sub>O<sub>17</sub>P<sub>2</sub>

Molecular Weight: 607.35

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-GlcNAc is a fundamental component and precursor of bacterial peptidoglycan. Additionally, UDP-GlcNAc acts as an agonist for the P2Y <sub>14</sub> receptor, which can inhibit the formation of cAMP.
Targets(IC50)	Endogenous Metabolite,P2Y Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6465 mL	8.2325 mL	16.465 mL
5 mM	0.3293 mL	1.6465 mL	3.293 mL
10 mM	0.1646 mL	0.8232 mL	1.6465 mL
50 mM	0.0329 mL	0.1646 mL	0.3293 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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