

UDP-GlcNAz disodium

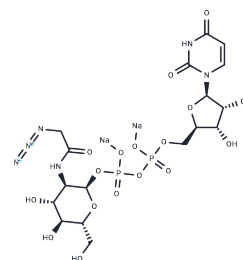
Chemical Properties

CAS No. : 1611490-64-2

Formula: C17H24N6Na2O17P2

Molecular Weight: 692.3295

Storage: Keep away from moisture, Keep away from direct sunlight
 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	Uridine diphosphate glucuronic acid (UDP-GlcA) trisodium is a cofactor formed by the catalytic activity of UDP-glucose dehydrogenase. It contains an Azide group, enabling it to undergo copper-catalyzed azide-alkyne cycloaddition reactions (CuAAC) with molecules that have Alkyne groups. Additionally, it can participate in strain-promoted azide-alkyne cycloaddition reactions (SPAAC) with molecules containing DBCO or BCN groups.
Targets(IC50)	Transferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4444 mL	7.222 mL	14.444 mL
5 mM	0.2889 mL	1.4444 mL	2.8888 mL
10 mM	0.1444 mL	0.7222 mL	1.4444 mL
50 mM	0.0289 mL	0.1444 mL	0.2889 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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