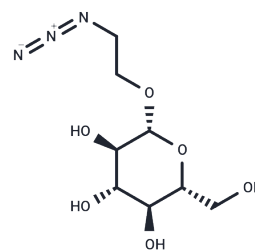


## 2-Azidoethyl β-D-Glucopyranoside

## Chemical Properties

CAS No. :	165331-08-8
Formula:	C <sub>8</sub> H <sub>15</sub> N <sub>3</sub> O <sub>6</sub>
Molecular Weight:	249.22
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	2-Azidoethyl β-D-Glucopyranoside is a high-purity biochemical reagent suitable as a biomaterial or organic synthesis intermediate. 2-Azidoethyl β-D-Glucopyranoside serves as a click chemistry reagent containing an azide group that reacts with alkyne-containing molecules via copper-catalyzed azide-alkyne cycloaddition (CuAAC) or with DBCO/BCN-functionalized molecules through strain-promoted azide-alkyne cycloaddition (SPAAC), facilitating versatile applications in chemical biology, bioconjugation, and material science research.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0125 mL	20.0626 mL	40.1252 mL
5 mM	0.8025 mL	4.0125 mL	8.025 mL
10 mM	0.4013 mL	2.0063 mL	4.0125 mL
50 mM	0.0803 mL	0.4013 mL	0.8025 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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