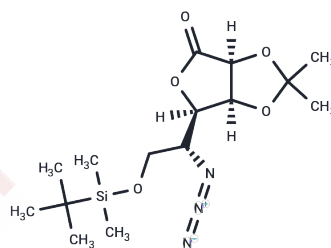


## 5-Azido-6-(tert-butyldimethylsilyl)-2,3-O-isopropylidene L-gulono-1,4-lactone

## Chemical Properties

CAS No. :	118464-49-6
Formula:	C <sub>15</sub> H <sub>27</sub> N <sub>3</sub> O <sub>5</sub> Si
Molecular Weight:	357.48
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	5-Azido-6-(tert-butyldimethylsilyl)-2,3-O-isopropylidene L-gulono-1,4-lactone is a biochemical reagent used in glycoscience research. This field investigates the structure, synthesis, biology, and evolution of sugars, covering carbohydrate chemistry, glycan formation and degradation enzymology, protein-glycan interactions, and glycans' roles in biological systems. Glycoscience is closely linked to fundamental research, biomedicine, and biotechnology.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7974 mL	13.9868 mL	27.9736 mL
5 mM	0.5595 mL	2.7974 mL	5.5947 mL
10 mM	0.2797 mL	1.3987 mL	2.7974 mL
50 mM	0.0559 mL	0.2797 mL	0.5595 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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