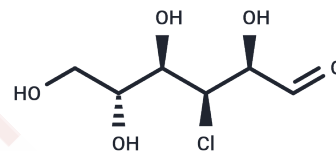


3-Chloro-3-deoxy-D-glucose

Chemical Properties

CAS No. :	22933-89-7
Formula:	C ₆ H ₁₁ ClO ₅
Molecular Weight:	198.6
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	3-Chloro-3-deoxy-D-glucose is a biochemical reagent utilized in glycoscience research. Glycoscience explores the structure, synthesis, biology, and evolution of sugars. This field encompasses carbohydrate chemistry, enzymology of glycan formation and degradation, protein-glycan interactions, and the role of glycans in biological systems, closely linked with fundamental research, biomedicine, and biotechnology.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0352 mL	25.1762 mL	50.3525 mL
5 mM	1.007 mL	5.0352 mL	10.0705 mL
10 mM	0.5035 mL	2.5176 mL	5.0352 mL
50 mM	0.1007 mL	0.5035 mL	1.007 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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