

6-O-(tert-Butyldimethylsilyl)-D-glucal

Chemical Properties

CAS No. :	58871-09-3
Formula:	C ₁₂ H ₂₄ O ₄ Si
Molecular Weight:	260.4
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	6-O-(tert-Butyldimethylsilyl)-D-glucal is a biochemical reagent utilized in glycoscience research, which investigates the structure, synthesis, biology, and evolution of sugars. This field encompasses carbohydrate chemistry, glycoconjugate formation and degradation, protein-glycan interactions, and the roles of glycans in biological systems. Glycoscience is closely linked to fundamental research, biomedicine, and biotechnology.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8402 mL	19.2012 mL	38.4025 mL
5 mM	0.768 mL	3.8402 mL	7.6805 mL
10 mM	0.384 mL	1.9201 mL	3.8402 mL
50 mM	0.0768 mL	0.384 mL	0.768 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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