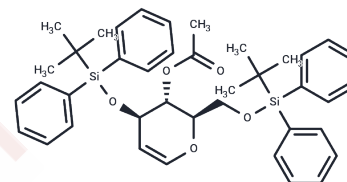


4-O-Acetyl-3,6-di-O-(tert-butyldiphenylsilyl)-D-glucal

Chemical Properties

CAS No. :	308103-44-8
Formula:	C ₄₀ H ₄₈ O ₅ Si ₂
Molecular Weight:	664.98
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	4-O-Acetyl-3,6-di-O-(tert-butyldiphenylsilyl)-D-glucal 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 linking it to fundamental research, biomedicine, and biotechnology.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5038 mL	7.519 mL	15.038 mL
5 mM	0.3008 mL	1.5038 mL	3.0076 mL
10 mM	0.1504 mL	0.7519 mL	1.5038 mL
50 mM	0.0301 mL	0.1504 mL	0.3008 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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