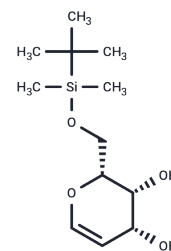


6-O-(tert-Butyldimethylsilyl)-D-galactal

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 124751-19-5 |
| 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-galactal is a biochemical reagent used in the study of glycobiology. Glycobiology focuses on the structure, synthesis, biology, and evolution of sugars, encompassing carbohydrate chemistry, glycan formation and degradation enzymology, protein-glycan recognition, and the role of glycans in biological systems. This field 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

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

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