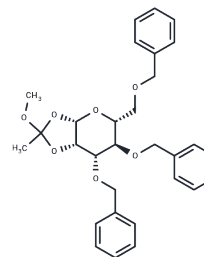


3,4,6-Tri-O-benzyl- β -D-Mannopyranose 1,2-(methyl orthoacetate)

Chemical Properties

CAS No. :	16697-49-7
Formula:	C ₃₀ H ₃₄ O ₇
Molecular Weight:	506.595
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	3,4,6-Tri-O-benzyl- β -D-mannopyranose 1,2-(methyl orthoacetate) is a synthetic intermediate used in glycosylation reactions. Typically, the methyl orthoester protecting group is first removed by mild acid hydrolysis, producing a glycosyl donor. Removal of the O-benzyl protecting groups is performed late in the synthesis.
Targets(IC50)	Others

Solubility Information

Solubility	Ethanol: 5 mg/mL (9.87 mM),Sonication is recommended. DMF:PBS(pH7.2) (1:2): 0.3 mg/mL (0.59 mM),Sonication is recommended. DMSO: 10 mg/mL (19.74 mM),Sonication is recommended. DMF: 15 mg/mL (29.61 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9739 mL	9.8697 mL	19.7394 mL
5 mM	0.3948 mL	1.9739 mL	3.9479 mL
10 mM	0.1974 mL	0.987 mL	1.9739 mL
50 mM	0.0395 mL	0.1974 mL	0.3948 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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