

1-(Isopropylthio)-2,3,4,6-tetra-o-Ac-beta-D-glucosylpyranose

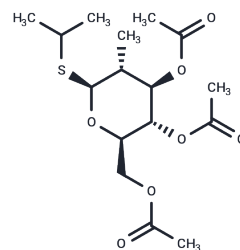
Chemical Properties

CAS No. :

Formula: C₁₆H₂₆O₇S

Molecular Weight: 362.44

Storage: Keep away from direct sunlight
 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	1-(Isopropylthio)-2,3,4,6-tetra-O-Ac-beta-D-glucosylpyranose is an alkyl chain-derived PROTAC linker used in the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, consisting of two distinct ligands connected by a linker—one targeting an E3 ubiquitin ligase and the other the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7591 mL	13.7954 mL	27.5908 mL
5 mM	0.5518 mL	2.7591 mL	5.5182 mL
10 mM	0.2759 mL	1.3795 mL	2.7591 mL
50 mM	0.0552 mL	0.2759 mL	0.5518 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.

Reference

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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