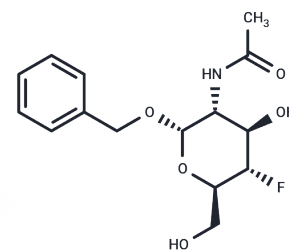


Phenylmethyl 2-(acetylamino)-2,4-dideoxy-4-fluoro- $\alpha$ -D-glucopyranoside

## Chemical Properties

CAS No. :	290819-73-7
Formula:	C <sub>15</sub> H <sub>20</sub> FNO <sub>5</sub>
Molecular Weight:	313.32
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	Phenylmethyl 2-(acetylamino)-2,4-dideoxy-4-fluoro- $\alpha$ -D-glucopyranoside is a biochemical reagent utilized in glycobiology research. The study of glycobiology focuses on carbohydrate structures, synthesis, biological functions, and evolution. This field encompasses carbohydrate chemistry, glycan formation and degradation enzymology, protein-glycan interactions, and the roles of glycans in biological systems, closely linking to fundamental research, biomedicine, and biotechnology.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1916 mL	15.9581 mL	31.9163 mL
5 mM	0.6383 mL	3.1916 mL	6.3833 mL
10 mM	0.3192 mL	1.5958 mL	3.1916 mL
50 mM	0.0638 mL	0.3192 mL	0.6383 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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