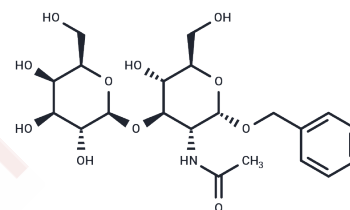


## Benzyl 2-Acetamido-2-deoxy-3-O-(β-D-galactopyranosyl)-α-D-glucopyranoside

### Chemical Properties

CAS No. : 50692-66-5  
 Formula: C<sub>21</sub>H<sub>31</sub>N<sub>1</sub>O<sub>11</sub>  
 Molecular Weight: 473.47  
 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	Benzyl 2-Acetamido-2-deoxy-3-O-(β-D-galactopyranosyl)-α-D-glucopyranoside is a biochemical reagent applied in glycobiology research, which examines the structure, synthesis, biology, and evolution of sugars. It covers carbohydrate chemistry, glycan enzymology for formation and degradation, protein-glycan recognition, and the role of glycans in biological systems. This field is integral to fundamental research, biomedicine, and biotechnology.
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1121 mL	10.5603 mL	21.1207 mL
5 mM	0.4224 mL	2.1121 mL	4.2241 mL
10 mM	0.2112 mL	1.056 mL	2.1121 mL
50 mM	0.0422 mL	0.2112 mL	0.4224 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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