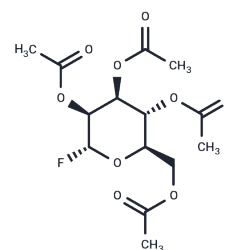


Acetofluoro- $\alpha$ -D-mannose

## Chemical Properties

CAS No. :	2823-44-1
Formula:	C <sub>14</sub> H <sub>19</sub> F <sub>1</sub> O <sub>9</sub>
Molecular Weight:	350.29
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	Acetofluoro- $\alpha$ -D-mannose is a biochemical reagent used in glycobiology research. Glycobiology examines the structure, synthesis, biology, and evolution of sugars. It encompasses carbohydrate chemistry, glycan formation and degradation enzymology, protein-glycan recognition, and the role of glycans in biological systems. This field is closely linked with fundamental research, biomedicine, and biotechnology.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8548 mL	14.2739 mL	28.5478 mL
5 mM	0.571 mL	2.8548 mL	5.7096 mL
10 mM	0.2855 mL	1.4274 mL	2.8548 mL
50 mM	0.0571 mL	0.2855 mL	0.571 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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