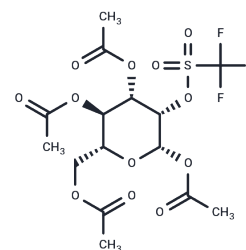


## Mannose triflate

### Chemical Properties

CAS No. : 92051-23-5  
 Formula: C<sub>15</sub>H<sub>19</sub>F<sub>3</sub>O<sub>12</sub>S  
 Molecular Weight: 480.364  
 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	Mannose triflate is a glucose analog utilized as a precursor in the synthesis of 18F-FDG for PET applications. It binds with 18F through an SN <sub>2</sub> nucleophilic substitution reaction. Mannose triflate is applicable in imaging techniques for cancer detection.
Targets(IC <sub>50</sub> )	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0818 mL	10.4089 mL	20.8177 mL
5 mM	0.4164 mL	2.0818 mL	4.1635 mL
10 mM	0.2082 mL	1.0409 mL	2.0818 mL
50 mM	0.0416 mL	0.2082 mL	0.4164 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.

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