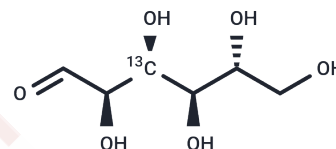


## D-Glucose-13C

## Chemical Properties

CAS No. :	101615-88-7
Formula:	C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>
Molecular Weight:	181.15
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	D-Glucose-13C is D-Glucose (T0887) labeled with 13C, serving as a marked variant of this essential monosaccharide. D-Glucose (T0887) (Glucose) is a fundamental carbohydrate in biological systems. It acts as a natural sweetener for carbohydrates, plays a vital role in general metabolism, and functions as a crucial signaling molecule related to cellular metabolic states, as well as biological and abiotic stress responses.
Targets(IC50)	Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.5203 mL	27.6014 mL	55.2029 mL
5 mM	1.1041 mL	5.5203 mL	11.0406 mL
10 mM	0.552 mL	2.7601 mL	5.5203 mL
50 mM	0.1104 mL	0.552 mL	1.1041 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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