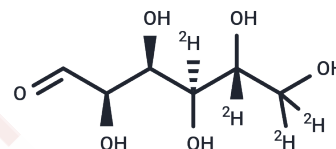


## D-Glucose-D4

## Chemical Properties

CAS No. :	478529-49-6
Formula:	C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>
Molecular Weight:	184.18
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-D4 is the deuterated form of D-Glucose. D-Glucose (T0887) (Glucose) is a monosaccharide and a crucial carbohydrate in biology. It serves as a sweetener in carbohydrates, plays an essential role in general metabolism, and acts as a critical signaling molecule related to cellular metabolic status and responses to biotic and abiotic stress.
Targets(IC50)	Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.4295 mL	27.1474 mL	54.2947 mL
5 mM	1.0859 mL	5.4295 mL	10.8589 mL
10 mM	0.5429 mL	2.7147 mL	5.4295 mL
50 mM	0.1086 mL	0.5429 mL	1.0859 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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