

D-(+)-Sorbitose

Chemical Properties

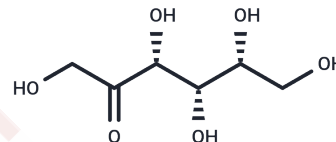
CAS No. : 3615-56-3

Formula: C₆H₁₂O₆

Molecular Weight: 180.16

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-(+)-Sorbitose, the active enantiomer of D-Sorbitose, inhibits disaccharidase activity and demonstrates suppressive effects on postprandial blood glucose and insulin levels in rats. Its role as a sweetener may aid in preventing lifestyle-related diseases, such as type 2 diabetes mellitus.
Targets(IC50)	Others,IGF-1R

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.5506 mL	27.7531 mL	55.5062 mL
5 mM	1.1101 mL	5.5506 mL	11.1012 mL
10 mM	0.5551 mL	2.7753 mL	5.5506 mL
50 mM	0.111 mL	0.5551 mL	1.1101 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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