Data Sheet (Cat.No.TN8166)

TargetMol

L-(+)-Fructose

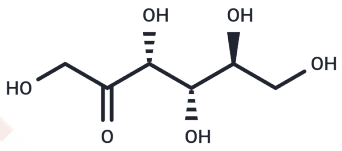
Chemical Properties

CAS No. : 7776-48-9

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	L-(+)-Fructose, also known as L-arabino-2-Hexulose, is an L-isomer of D-Fructose. This compound plays a role in both glycolysis and gluconeogenesis, making it useful for researching photosynthesis and carbohydrate storage in plant biology. Additionally, L-(+)-Fructose is utilized in studies of fructokinase and other enzymes involved in fructose metabolism.
Targets(IC50)	Endogenous Metabolite

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.

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