

Digitoxose

Chemical Properties

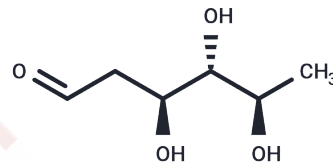
CAS No. : 527-52-6

Formula: C₆H₁₂O₄

Molecular Weight: 148.16

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	Digitoxose (D-(+)-Digitoxose) is a natural compound that specifically and competitively inhibits the release of insulin stimulated by glucose from islets in both lean and obese mice. It is utilized in diabetes research [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.7495 mL	33.7473 mL	67.4946 mL
5 mM	1.3499 mL	6.7495 mL	13.4989 mL
10 mM	0.6749 mL	3.3747 mL	6.7495 mL
50 mM	0.135 mL	0.6749 mL	1.3499 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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