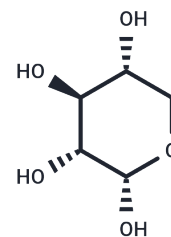


D-Xylose

Chemical Properties

CAS No. :	6763-34-4
Formula:	C ₅ H ₁₀ O ₅
Molecular Weight:	150.13
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-Xylose ((2S,3R,4S,5R)-oxane-2,3,4,5-tetrol) is a monosaccharide widely found in yeast and involved in the metabolism of the organism.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.6609 mL	33.3045 mL	66.6089 mL
5 mM	1.3322 mL	6.6609 mL	13.3218 mL
10 mM	0.6661 mL	3.3304 mL	6.6609 mL
50 mM	0.1332 mL	0.6661 mL	1.3322 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.

Reference

- Adamczyk PA, et al. Non-canonical D-xylose and L-arabinose metabolism via D-arabitol in the oleaginous yeast *Rhodospiridium toruloides*. *Microb Cell Fact*. 2023 Aug 3;22(1):145.
- Zhang H, Cai J, Li C, et al. Wogonin inhibits latent HIV-1 reactivation by downregulating histone crotonylation. *Phytomedicine*. 2023: 154855.

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