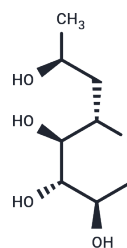


(S)-Pro-xylane

Chemical Properties

CAS No. :	868156-46-1
Formula:	C ₈ H ₁₆ O ₅
Molecular Weight:	192.21
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	(S)-Pro-xylane, also known as (S)-Hydroxypropyl tetrahydropyrantriol, is the S-enantiomer of Pro-xylane. Pro-xylane is a biologically active C-glycoside that functions as an activator of glycosaminoglycans (GAGs) biosynthesis in aqueous media.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.2026 mL	26.0132 mL	52.0264 mL
5 mM	1.0405 mL	5.2026 mL	10.4053 mL
10 mM	0.5203 mL	2.6013 mL	5.2026 mL
50 mM	0.1041 mL	0.5203 mL	1.0405 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

Cavezza A, et al. Synthesis of Pro-Xylane: a new biologically active C-glycoside in aqueous media. *Bioorg Med Chem Lett.* 2009 Feb 1;19(3):845-9.

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