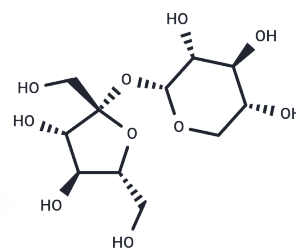


Xylosucrose

Chemical Properties

CAS No. :	512-66-3
Formula:	C ₁₁ H ₂₀ O ₁₀
Molecular Weight:	312.27
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	Xylosucrose is a biochemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2024 mL	16.0118 mL	32.0236 mL
5 mM	0.6405 mL	3.2024 mL	6.4047 mL
10 mM	0.3202 mL	1.6012 mL	3.2024 mL
50 mM	0.064 mL	0.3202 mL	0.6405 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

Nakajima Y, Maeda K, Jin Q, Takahashi-Ando N, Kanamaru K, Kobayashi T, Kimura M. Oligosaccharides containing an α -(1 \rightarrow 2) (glucosyl/xylosyl)-fructosyl linkage as inducer molecules of trichothecene biosynthesis for *Fusarium graminearum*. *Int J Food Microbiol*. 2016 Dec 5;238:215-221. doi: 10.1016/j.ijfoodmicro.2016.09.011. Epub 2016 Sep 16. PubMed PMID: 27664790.

Taga T, Inagaki E, Fujimori Y, Fujita K, Hara K. The crystal and molecular structure of beta-D-fructofuranosyl alpha-D-xylopyranoside hemihydrate. *Carbohydr Res*. 1993 Mar 17;241:63-9. PubMed PMID: 8472262.

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