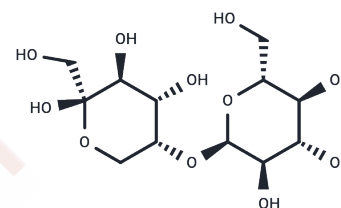


Leucrose

Chemical Properties

CAS No. :	7158-70-5
Formula:	C ₁₂ H ₂₂ O ₁₁
Molecular Weight:	342.30
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	Leucrose is a flavoring agent.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9214 mL	14.6071 mL	29.2141 mL
5 mM	0.5843 mL	2.9214 mL	5.8428 mL
10 mM	0.2921 mL	1.4607 mL	2.9214 mL
50 mM	0.0584 mL	0.2921 mL	0.5843 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

- Gülzow HJ, Polihronu E. [Leucrose metabolism in the microflora of the oral cavity]. Dtsch Zahnarztl Z. 1990 May;45(5):280-2. German. PubMed PMID: 2269108.
- Ziesenitz SC, Siebert G, Imfeld T. Cariological assessment of leucrose [D-glucopyranosyl-alpha(1----5)-D-fructopyranose] as a sugar substitute. Caries Res. 1989;23(5):351-7. PubMed PMID: 2504493.
- Ziesenitz SC, Siebert G, Schwengers D, Lemmes R. Nutritional assessment in humans and rats of leucrose [D-glucopyranosyl-alpha(1----5)-D-fructopyranose] as a sugar substitute. J Nutr. 1989 Jul;119(7):971-8. PubMed PMID: 2754513.
- Peltroche-Llacsahuanga H, Hauk CJ, Kock R, Lampert F, Lütticken R, Haase G. Assessment of acid production by various human oral micro-organisms when palatinose or leucrose is utilized. J Dent Res. 2001 Jan;80(1):378-84. PubMed PMID: 11269732.

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