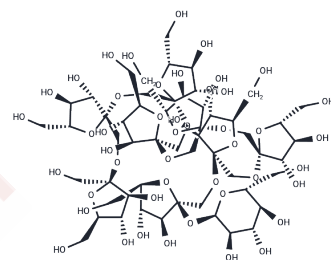


Fructo-oligosaccharide DP9/GF8

Chemical Properties

CAS No. :	143625-74-5
Formula:	C54H92O46
Molecular Weight:	1477.28
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	Fructo-oligosaccharide DP9/GF8 (Fructo-oligosaccharide DP9 / GF8) belongs to fructooligosaccharides (FOS) with the degree of polymerization (DP=9).
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 14.78 mg/mL (10 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6769 mL	3.3846 mL	6.7692 mL
5 mM	0.1354 mL	0.6769 mL	1.3538 mL
10 mM	0.0677 mL	0.3385 mL	0.6769 mL
50 mM	0.0135 mL	0.0677 mL	0.1354 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

Martins GN, et al. Technological Aspects of the Production of Fructo and Galacto-Oligosaccharides. Enzymatic Synthesis and Hydrolysis. Front Nutr. 2019 May 31;6:78.

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