
Product Data Sheet

Product Name: Fructo-oligosaccharide DP9/GF8

Cat. No.: GC36082

Chemical Properties

Cas. No. 143625-74-5

Formula $C_{54}H_{92}O_{46}$

M.Wt 1477.28

Solubility H_2O : 83.33 mg/mL (56.41 mM; Need ultrasonic) Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

Fructo-oligosaccharide DP9/GF8 belongs to fructooligosaccharides (FOS) with degree of polymerization (DP=9). Fructo-oligosaccharides (FOS) are composed of 8 fructose units linked by (2→1)- β -glycosidic bonds and having a single D-glucosyl unit at the non-reducing end[1].

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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