
Product Data Sheet

Product Name: Fructo-oligosaccharide DP7/GF6

Cat. No.: GC36078

Chemical Properties

Cas. No. 62512-20-3

Formula $C_{42}H_{72}O_{36}$

M.Wt 1153

Solubility DMSO : 100 mg/mL (86.73 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°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 DP7/GF6 belongs to fructooligosaccharides (FOS) with degree of polymerization (DP=7). Fructo-oligosaccharides (FOS) are composed of 6 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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