
Product Data Sheet

Product Name: Fructo-oligosaccharide DP12/GF11

Cat. No.: GC36080

Chemical Properties

Cas. No. 137405-40-4

Formula $C_{72}H_{121}O_{61}$ M.Wt 1962.69

Solubility Soluble in DMSO 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 DP12/GF11 belongs to fructooligosaccharides (FOS) with degree of polymerization (DP=12). Fructo-oligosaccharides (FOS) are composed of 11 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.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA