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## Product Data Sheet

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Product Name: Fructo-oligosaccharide DP11/GF10

Cat. No.: GC36079

### Chemical Properties

Cas. No. 137405-36-8

Formula  $C_{66}H_{112}O_{56}$  M.Wt 1801.56

Solubility Soluble in DMSO 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 DP11/GF10 belongs to fructooligosaccharides (FOS) with degree of polymerization (DP=11). Fructo-oligosaccharides (FOS) are composed of 10 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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