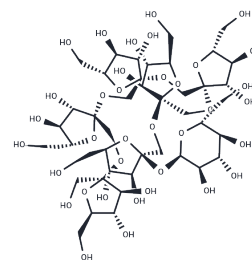


## Fructo-oligosaccharide DP7/GF6

### Chemical Properties

CAS No. :	62512-20-3
Formula:	C42H72O36
Molecular Weight:	1153
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 DP7/GF6 (Fructoheptasaccharide) belongs to fructooligosaccharides (FOS) with degree of polymerization (DP=7).
Targets(IC50)	Others

### Solubility Information

Solubility	DMSO: 150 mg/mL (130.1 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (1.73 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8673 mL	4.3365 mL	8.673 mL
5 mM	0.1735 mL	0.8673 mL	1.7346 mL
10 mM	0.0867 mL	0.4337 mL	0.8673 mL
50 mM	0.0173 mL	0.0867 mL	0.1735 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, Ureta MM, Tymczyszyn EE, 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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