



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Fructooligosaccharides

Cat. No.:	HY-107863
CAS No.:	308066-66-2
Molecular Formula:	C ₅ H ₁₀ O ₅
Molecular Weight:	150.13
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, stored under nitrogen, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)

Fructooligosaccharides

SOLVENT & SOLUBILITY

In Vitro

DMSO : 200 mg/mL (1332.18 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		6.6609 mL	33.3045 mL	66.6089 mL
	5 mM		1.3322 mL	6.6609 mL	13.3218 mL
	10 mM		0.6661 mL	3.3304 mL	6.6609 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Fructooligosaccharides (Oligolevulose) is a beneficial sugar which can be produced by the microbial flora. Fructooligosaccharides had no significant effect on blood glucose, blood lipid and serum acetate in diabetic model^[1].

REFERENCES

- [1]. De Cosmi V, et al. Fructooligosaccharides: From Breast Milk Components to Potential Supplements. A Systematic Review. Adv Nutr. 2022 Feb 1;13(1):318-327.
- [2]. Sangeetha P T, et al. Recent trends in the microbial production, analysis and application of fructooligosaccharides. Trends in food science & technology, 2005, 16(10): 442-457.

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

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