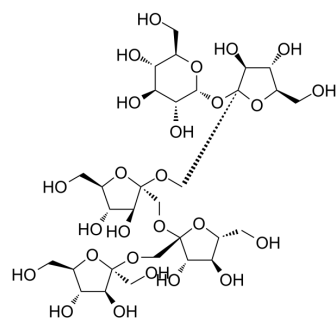


1F-Fructofuranosylnystose

Cat. No.: HY-N2577
CAS No.: 59432-60-9
Molecular Formula: C₃₀H₅₂O₂₆
Molecular Weight: 828.72
Target: Others
Pathway: Others
Storage: -20°C, protect from light
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 250 mg/mL (301.67 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.2067 mL	6.0334 mL	12.0668 mL
	5 mM	0.2413 mL	1.2067 mL	2.4134 mL
	10 mM	0.1207 mL	0.6033 mL	1.2067 mL

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

BIOLOGICAL ACTIVITY

Description

1F-Fructofuranosylnystose can be used in the synthesis of Fructooligosaccharides (FOSs). Fructooligosaccharides exhibit lots of beneficial effects on our health and have been used as food ingredients.

In Vitro

Fructooligosaccharides (FOSs), as a mixture of 1-kestose, nystose, and 1F-fructofuranosylnystose oligosaccharides, exhibit lots of beneficial effects on our health and have been used as food ingredients^[1].
 MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. David Wang, et al. Adjust the Reaction Conditions of Enzyme Catalysis to Product Fructooligosaccharides Containing Different Components Proportions. Advanced Materials Research. September 2011.

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

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