

## 1F-fructofuranosylnystose

## Chemical Properties

CAS No. : 59432-60-9

Formula: C<sub>30</sub>H<sub>52</sub>O<sub>26</sub>

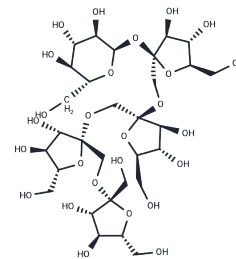
Molecular Weight: 828.72

Storage:

Keep away from direct sunlight, Keep away from moisture, Store at low temperature

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	1F-Fructofuranosylnystose is a kind of Fructooligosaccharides which are naturally occurring sugars with potentially beneficial nutritional effects.
Targets(IC50)	Others
In vitro	Fructooligosaccharides (FOSs) are the mixture of 1-kestose, nystose, and 1F-fructofuranosylnystose oligosaccharides that exhibit lots of beneficial effects on our health and have been used as food ingredients.

## Solubility Information

Solubility	DMSO: 150 mg/mL (181 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
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
50 mM	0.0241 mL	0.1207 mL	0.2413 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

Ding J C , Lv X L . Adjust the Reaction Conditions of Enzyme Catalysis to Product Fructooligosaccharides Containing Different Components Proportions[J]. Advanced Materials Research, 2011, 343-344:403-411.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481