

## Fructooligosaccharides

## Chemical Properties

CAS No. : 308066-66-2

Formula:

Molecular Weight:

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

## Biological Description

Description	Fructooligosaccharides (FOS) are naturally occurring functional oligosaccharides, which are composed of 2 to 10 fructose molecules combined with glucose molecules. They are widely found in natural plants such as bananas, onions, garlic, chicory, and honey. As a typical prebiotic, fructooligosaccharides cannot be digested and absorbed by the human body, but are selectively fermented by beneficial gut bacteria, especially bifidobacteria, to promote gut health, support microbial balance.
Targets(IC50)	Others

## Solubility Information

Solubility	H2O: 200 mg/mL,Sonication and heating are recommended. DMSO: 13 mg/mL,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Reference

Subramaniam P, et al. J Diet Suppl. 2015 Jun;12(2):146-52.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481