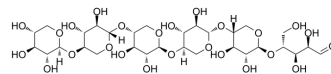


Xylohexaose

Cat. No.: HY-N6831
CAS No.: 49694-21-5
Molecular Formula: C₃₀H₅₀O₂₅
Molecular Weight: 810.7
Target: Others
Pathway: Others
Storage: 4°C, protect from light
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 400 mg/mL (493.40 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		1.2335 mL	6.1675 mL	12.3350 mL
	5 mM		0.2467 mL	1.2335 mL	2.4670 mL
	10 mM		0.1234 mL	0.6168 mL	1.2335 mL

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

BIOLOGICAL ACTIVITY

Description

Xylohexaose is a xylooligosaccharide consisting of six xylose residues. Xylohexaose can be used as substrate in the xylan hydrolysis properties assay^{[1][2]}.

REFERENCES

- [1]. Jian-Yi Sun, et al. Hydrolytic properties of a hybrid xylanase and its parents. *Appl Biochem Biotechnol.* 2009 Mar;152(3):428-39.
- [2]. Zhou Chen, et al. Purification and characterization of a new xylanase with excellent stability from *Aspergillus flavus* and its application in hydrolyzing pretreated corncobs. *Protein Expr Purif.* 2019 Feb;154:91-97.

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

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