

## Xylohexaose

## Chemical Properties

CAS No. : 49694-21-5

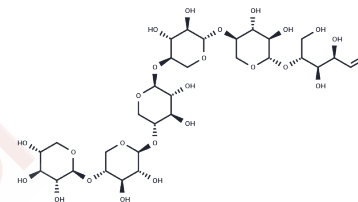
Formula: C<sub>30</sub>H<sub>50</sub>O<sub>25</sub>

Molecular Weight: 810.71

Keep away from direct sunlight

Storage: 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	Xylohexaose is an oligosaccharide containing six xylose residues, serving as a substrate for assessing xylan hydrolysis performance.
Targets(IC50)	Others

## Solubility Information

Solubility	H <sub>2</sub> O: 80 mg/mL (98.68 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2335 mL	6.1674 mL	12.3349 mL
5 mM	0.2467 mL	1.2335 mL	2.467 mL
10 mM	0.1233 mL	0.6167 mL	1.2335 mL
50 mM	0.0247 mL	0.1233 mL	0.2467 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

Jian-Yi Sun, et al. Hydrolytic properties of a hybrid xylanase and its parents. Appl Biochem Biotechnol. 2009 Mar; 152(3):428-39.

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.

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