

Xylan

Chemical Properties

CAS No. : 9014-63-5

Formula:

Molecular Weight:

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	Xylan, the primary hemicellulose component, is found in the secondary cell walls of flowering plants.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	H2O: 100 mg/mL,Sonication is recommended. DMSO: 250 mg/mL,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 4.00 mg/mL,Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Reference

Martinez-Abad A, et al. Regular Motifs in Xylan Modulate Molecular Flexibility and Interactions with Cellulose Surfaces. Plant Physiol. 2017 Oct 25. pii: pp.01184.2017.

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