

exo- β -1,4-xylosidase, Bacteroides ovatus

Chemical Properties

CAS No. :

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	Exo- β -1,4-xylosidase, Bacteroides ovatus (EC.3.2.1.37), is a specialized exonuclease that targets the non-reducing end β -1,4 glycosidic bonds of xylan and xylooligosaccharides. This enzyme is Ca ²⁺ -dependent and facilitates the hydrolysis of β -1,4 glycosidic bonds through reversible metal ion binding, thereby degrading xylan to produce xylose. It is applicable in research areas such as lignocellulose bioconversion, bioethanol production, and optimization of xylan saccharification processes.
Targets(IC50)	DNA/RNA Synthesis

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