



Product Information

CCK8 agent, Xylan-PEG-CCK8 peptide, Purity ≥95%

Cat. No.: X25-05-YM1019

Size: 100 mg; 250 mg; 500 mg; 1 g; 5 g

Synonym: Xylan-PEG-CCK8 peptide; CCK8-PEG-xylan

This product is for research use only and is not intended for diagnostic use.

Product Information

Description	Xylan-PEG-CCK8 peptide creates a ternary hybrid configuration formulated to combine the renewable architectural framework of xylan—a β -1,4-xylose-based biopolymer derived from plant hemicellulose decomposition—with CCK8 peptide's bioactive characteristics <i>via</i> PEG-mediated integration. The natural carbohydrate component ensures water compatibility and mucosal adhesion performance that optimize biological interface acceptance.
Molecular Formula	0
Glycan Structure	Its glycan structure is a linear backbone of β -1,4-linked D-xylose residues with side-chain substitutions including α -linked arabinofuranose, glucuronic acid/4-O-methyl-glucuronic acid, and acetyl groups at O-2 or O-3 positions.
Source	Chemical synthesis
Form	Solid or powder
Purity	≥95%
Impurities	No visible impurities to the naked eye.
Solubility	This product is soluble in most organic solvents, such as DCM, DMF, DMSO, and THF, and exhibits excellent solubility in water.
Identity	Confirmed by NMR.
Stability	It is stable under its storage temperature.
Quality Level	Research grade
Applications	Xylan-PEG-CCK8 peptide can be used for its potential to analyze gastrointestinal hormone receptor activation through peptide-coupled probes.
Storage	Store at -20°C, protect from light and moisture.