



Product Information

GE11 agent, Xylan-PEG-GE11 peptide, Purity ≥95%

Cat. No.: X25-05-YM1021

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

Synonym: Xylan-PEG-GE11 peptide; GE11-PEG-xylan

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

Product Information

Description	Xylan-PEG-GE11 peptide represents a tripartite conjugate system engineered to integrate the ecologically favorable structural elements of xylan—a plant-derived polysaccharide consisting of β -1,4-xylose units—with GE11 peptide's molecular attributes <i>via</i> PEG spacer mediation. The carbohydrate framework contributes aqueous environment affinity and surface adhesion performance that improve biocompatibility thresholds.
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-GE11 peptide can be used for its potential to optimize EGFR-targeted delivery through GE11 peptide density modulation studies.
Storage	Store at -20°C, protect from light and moisture.