

Product Information

WSW agent, Xylan-WSW peptide, Purity $\geq 95\%$

Cat. No.: X25-05-YM831

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

Synonym: Xylan-WSW peptide; WSW-xylan

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

Product Information

Description	The WSW peptide-xylan hybrid integrates structural peptide motifs with xylan's β -1,4-xylose scaffold derived from vegetative sources. This conjugation enhances aqueous dispersibility through the polysaccharide's inherent hydration capacity and polymer network.
Glycan Name	Xylan
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
Functional Group	WSW
Form	Solid or powder
Purity	$\geq 95\%$
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-WSW peptide can be used for its potential to study synergistic drug combinations in folate pathway inhibition cancer therapy.
Storage	Store at -20°C , protect from light and moisture.