

Product Information

Wheat germ agglutinin agent, Lentinan-PEG-wheat germ agglutinin, Purity $\geq 95\%$

Cat. No.: X25-05-YM722

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

Synonym: Lentinan-PEG-wheat germ agglutinin; Wheat germ agglutinin-PEG-Lentinan

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

Product Information

Description	Lentinan-PEG-wheat germ agglutinin, called wheat germ agglutinin-lentinan, represents a lectin-modified lentinan derivative connected <i>via</i> PEG chains. This configuration merges carbohydrate recognition capabilities with lentinan's immunostimulatory and DPPS-associated membrane fusion properties.
Glycan Structure	Its glycan structure is a β -(1 \rightarrow 3)-linked d-glucose backbone with β -(1 \rightarrow 6)-glucosyl side branches.
Source	Chemical synthesis
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	Lentinan-PEG-wheat germ agglutinin can be used for its potential to analyze wheat germ agglutinin binding specificity in glycan profiling of cancer cell membranes.
Storage	Store at -20°C , protect from light and moisture.