

Product Information

P2VP agent, Lentinan-poly(2-vinylpyridine), Purity $\geq 95\%$

Cat. No.: X25-05-YM576

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

Synonym: Lentinan-poly(2-vinylpyridine); Poly(2-vinylpyridine)-Lentinan

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

Product Information

Description	Lentinan-poly(2-vinylpyridine), referred to as poly(2-vinylpyridine)-lentinan, represents a newly developed conjugate merging the immunotherapeutic β -1,3-1,6-glucan lentinan with poly(2-vinylpyridine). This synthesized design applies lentinan's three-dimensional helical geometry and tumor-inhibitory attributes through thymic-dependent immune activation processes.
Glycan Name	Lentinan
Glycan Structure	Its glycan structure is a β -(1→3)-linked d-glucose backbone with β -(1→6)-glucosyl side branches.
Source	Chemical synthesis
Functional Group	P2VP
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-poly(2-vinylpyridine) can be used for its potential to test poly(2-vinylpyridine) blends for pH-dependent solubility transitions in smart coating materials.
Storage	Store at -20°C , protect from light and moisture.