

Product Information

Poly aspartic acid agent, Lentinan-poly aspartic acid, Purity $\geq 95\%$

Cat. No.: X25-05-YM526

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

Synonym: Lentinan-poly aspartic acid; Poly aspartic acid-Lentinan

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

Product Information

Description	Lentinan-poly aspartic acid, designated poly aspartic acid-lentinan, comprises a modern biochemical hybrid combining the immunoregulatory β -1,3-1,6-glucan lentinan with poly aspartic acid. This synthesized molecule leverages lentinan's helical tertiary structure and tumor-inhibitory properties through thymus-mediated immune activation mechanisms.
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	Poly aspartic acid
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 aspartic acid can be used for its potential to design poly-aspartic acid hybrids to reduce nonspecific protein adsorption in stealth drug carriers.
Storage	Store at -20°C , protect from light and moisture.