

Product Information

Leu agent, Lentinan-leucine, Purity $\geq 95\%$

Cat. No.: X25-05-YM516

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

Synonym: Lentinan-leucine; Leucine-Lentinan

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

Product Information

Description	Lentinan-leucine, designated Leu-lentinan, forms an advanced conjugate linking the immune-modifying β -1,3-1,6-glucan lentinan with Leu. This amalgamated molecule applies lentinan's triple-coil configuration and tumor-restraining properties through thymus-associated immunological activation processes.
Glycan Name	Lentinan
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
Functional Group	Leu
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-leucine can be used for its potential to optimize stability of protein-polysaccharide complexes for improved pharmacokinetic profiling <i>in vivo</i> .
Storage	Store at -20°C , protect from light and moisture.