

Product Information

MAL agent, Lentinan-maleimide, Purity $\geq 95\%$

Cat. No.: X25-05-YM527

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

Synonym: Lentinan-maleimide; Maleimide-Lentinan

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

Product Information

Description	Lentinan-maleimide, known as MAL-lentinan, stands as an innovative conjugate merging the immune-modulating β -1,3-1,6-glucan lentinan with MAL. The composite design employs lentinan's triplex helical formation and neoplasm-restraining capabilities <i>via</i> thymus-dependent immunological response activation.
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	MAL
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-maleimide can be used for its potential to utilize maleimide chemistry for site-specific antibody conjugation in bispecific therapeutic platforms.
Storage	Store at -20°C , protect from light and moisture.