

Product Information

Thr agent, Lentinan-threonine, Purity $\geq 95\%$

Cat. No.: X25-05-YM521

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

Synonym: Lentinan-threonine; Threonine-Lentinan

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

Product Information

Description	Lentinan-threonine, designated Thr-lentinan, comprises an innovative conjugate merging the immunotherapeutic β -1,3-1,6-glucan lentinan with Thr. The composite design utilizes lentinan's triplex helical formation and cancer-restraining properties <i>via</i> thymus-oriented immune activation pathways.
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	Thr
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-threonine can be used for its potential to develop threonine-linked hydrogels for 3D cell culture platforms mimicking extracellular matrix architectures.
Storage	Store at -20°C , protect from light and moisture.