

Product Information

Isothiocyanate agent, Lentinan-isothiocyanate, Purity $\geq 95\%$

Cat. No.: X25-05-YM543

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

Synonym: Lentinan-isothiocyanate; Isothiocyanate-Lentinan

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

Product Information

Description	Lentinan-isothiocyanate, designated isothiocyanate-lentinan, comprises an innovative conjugate coupling the immune-adjusting β -1,3-1,6-glucan lentinan with isothiocyanate. The amalgamated molecule employs lentinan's triple-coil configuration and anti-tumor attributes <i>via</i> thymus-oriented immune system 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	Isothiocyanate
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-isothiocyanate can be used for its potential to apply isothiocyanate chemistry for fluorescent probe attachment in confocal microscopy tracking.
Storage	Store at -20°C , protect from light and moisture.