

Product Information

FITC agent, Lentinan-FITC, Purity $\geq 95\%$

Cat. No.: X25-05-YM581

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

Synonym: Lentinan-FITC; FITC-Lentinan

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

Product Information

Description	Lentinan-FITC, referred to as FITC-lentinan, forms a newly formulated conjugate combining the immune-regulatory β -1,3-1,6-glucan lentinan with FITC. The synthesized structure utilizes lentinan's triple-coil configuration and cancer-restraining attributes <i>via</i> thymus-oriented immunological stimulation 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	FITC
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-FITC can be used for its potential to apply FITC conjugation for real-time tracking of polysaccharide degradation in lysosomal compartments.
Storage	Store at -20°C , protect from light and moisture.