

Product Information

Bodipy agent, Lentinan-bodipy, Purity $\geq 95\%$

Cat. No.: X25-05-YM599

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

Synonym: Lentinan-bodipy; Bodipy-Lentinan

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

Product Information

Description	Lentinan-bodipy, known as bodipy-lentinan, stands as a novel conjugate integrating the immune-adjusting β -1,3-1,6-glucan lentinan with bodipy. The engineered compound employs lentinan's triplex stranded formation and malignancy-suppressing characteristics <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	Bodipy
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-bodipy can be used for its potential to test BODIPY labeling for fluorescence lifetime imaging (FLIM) during viscosity mapping of cellular organelles.
Storage	Store at -20°C , protect from light and moisture.