

Product Information

Cy3 agent, Lentinan-Cyanine3, Purity $\geq 95\%$

Cat. No.: X25-05-YM594

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

Synonym: Lentinan-Cyanine3; Cyanine3-Lentinan

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

Product Information

Description	Lentinan-Cyanine3, known as Cy3-lentinan, forms a novel conjugate merging the immunomodulatory β -1,3-1,6-glucan lentinan with Cy3. This engineered entity leverages lentinan's helical tertiary architecture and anti-tumor characteristics through thymus-dependent immune response activation processes.
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	Cy3
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-Cyanine3 can be used for its potential to test Cyanine3 tags for correlative light-electron microscopy (CLEM) during subcellular localization mapping.
Storage	Store at -20°C , protect from light and moisture.