

Product Information

Comarin agent, Lentinan-comarin, Purity $\geq 95\%$

Cat. No.: X25-05-YM589

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

Synonym: Lentinan-comarin; Comarin-Lentinan

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

Product Information

Description	Lentinan-comarin, known as comarin-lentinan, stands as a novel biochemical fusion combining the immune-regulatory β -1,3-1,6-glucan lentinan with comarin. The engineered design utilizes lentinan's triple-coil configuration and cancer-restraining characteristics <i>via</i> thymus-dependent immunological stimulation mechanisms.
Glycan Name	Lentinan
Glycan Structure	Its glycan structure is a β -(1→3)-linked d-glucose backbone with β -(1→6)-glucosyl side branches.
Source	Chemical synthesis
Functional Group	Comarin
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-comarin can be used for its potential to test coumarin derivatives for UV-triggered crosslinking during photopatterning of bioactive surfaces.
Storage	Store at -20°C , protect from light and moisture.