

Product Information

Hydrazide agent, Lentinan-hydrazide, Purity $\geq 95\%$

Cat. No.: X25-05-YM569

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

Synonym: Lentinan-hydrazide; Hydrazide-Lentinan

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

Product Information

Description	Lentinan-hydrazide, known as hydrazide-lentinan, stands as a novel biochemical hybrid merging the immune-regulatory β -1,3-1,6-glucan lentinan with hydrazide. The engineered compound utilizes lentinan's triple-coil configuration and cancer-inhibitory characteristics <i>via</i> thymic-mediated 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	Hydrazide
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-hydrazide can be used for its potential to develop hydrazide-functionalized probes for carbonyl group detection in glycation end-product analysis.
Storage	Store at -20°C , protect from light and moisture.