

Product Information

Iodoacetate agent, Lentinan-iodoacetate, Purity $\geq 95\%$

Cat. No.: X25-05-YM532

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

Synonym: Lentinan-iodoacetate; Iodoacetate-Lentinan

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

Product Information

Description	Lentinan-iodoacetate, called iodoacetate-lentinan, comprises a novel conjugate merging the immunotherapeutic β -1,3-1,6-glucan lentinan with iodoacetate. This composite entity applies lentinan's helical tertiary formation and cancer-restraining capabilities through thymus-oriented immune system stimulation.
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	Iodoacetate
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-iodoacetate can be used for its potential to explore iodoacetate coupling for thiol-selective protein conjugation during enzyme activity assays.
Storage	Store at -20°C , protect from light and moisture.