

Product Information

Linoleic acid agent, Lentinan-linoleic acid, Purity $\geq 95\%$

Cat. No.: X25-05-YM556

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

Synonym: Lentinan-linoleic acid; Linoleic acid-Lentinan

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

Product Information

Description	Lentinan-linoleic acid, referred to as linoleic acid-lentinan, represents a newly developed biochemical hybrid integrating the immunotherapeutic β -1,3-1,6-glucan lentinan with linoleic acid. This synthesized compound applies lentinan's three-coil helical architecture and tumor-restraining attributes through thymic-mediated immune activation processes.
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	Linoleic acid
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-linoleic acid can be used for its potential to study linoleic acid conjugates for lipid peroxidation analysis in oxidative stress models.
Storage	Store at -20°C , protect from light and moisture.