

Product Information

FA agent, Lentinan-folic acid, Purity $\geq 95\%$

Cat. No.: X25-05-YM552

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

Synonym: Lentinan-folic acid; Folic acid-Lentinan

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

Product Information

Description	Lentinan-folic acid, called FA-lentinan, represents a modern molecular hybrid linking the immunotherapeutic β -1,3-1,6-glucan lentinan with FA. This composite design applies lentinan's three-dimensional coil architecture and tumor-suppressing properties through thymus-dependent immune 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	FA
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-folic acid can be used for its potential to explore folic acid conjugation for receptor-mediated endocytosis studies in cancer cell lines.
Storage	Store at -20°C , protect from light and moisture.