

Product Information

Casein agent, Lentinan-casein, Purity $\geq 95\%$

Cat. No.: X25-05-YM650

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

Synonym: Lentinan-casein; Casein-Lentinan

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

Product Information

Description	Lentinan-casein, called casein-lentinan, develops a milk protein-conjugated variant by attaching phosphoproteins to lentinan's polysaccharide chains. This nutrient-carrying hybrid maintains helical conformation while modulating tumor metabolism through thymic immune regulation.
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	Casein
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-casein can be used for its potential to study oxidative stress protection through catalase conjugation in hydrogen peroxide degradation assays.
Storage	Store at -20°C , protect from light and moisture.