

Product Information

Grape seed proanthocyanidins liposomes

Cat. No.: X26-05-ZQ1735

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

Synonym: Grape seed proanthocyanidins LPs; Grape seed proanthocyanidin-loaded liposomes; GSP liposomes

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

Product Information

Description	This product features grape seed proanthocyanidins liposomes prepared with stable lipid bilayers to encapsulate complex condensed tannins. The vesicle architecture utilizes a tightly packed lipid bilayer composed of high-purity lecithin and cholesterol to minimize passive water penetration and polymer leakage across the membrane. The hydrophilic oligomeric proanthocyanidins fragments are locked entirely within the internal aqueous reservoir of the spherical vesicles. This configuration isolates the active polyphenolic chains from physical aggregation and chemical oxidation in open laboratory test environments.
Source	Custom synthesis
Functional Group	Grape seed proanthocyanidins
Form	Solid or powder
Purity	≥95%
Impurities	No visible impurities to the naked eye.
Identity	HPLC/MS/NMR
Stability	This product is stable for one year when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Storage	Store at -20°C.