

Product Information

Emodin liposomes

Cat. No.: X26-05-ZQ2583

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

Synonym: Emodin LPs; Emodin-loaded liposomes; Emodin liposomal nanoparticles

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

Product Information

Description	This formulation features emodin liposomes engineered to incorporate a hydrophobic anthraquinone derivative within a stable vesicle matrix. The structural matrix incorporates the compound emodin (1,3,8-trihydroxy-6-methylantraquinone) directly within the lipophilic hydrocarbon tail domains of a high-purity phospholipid-cholesterol bilayer shell. This configuration prevents the rapid crystallization, phase separation, and chemical oxidation of the volatile trihydroxyanthraquinone cargo in open aqueous suspension, maintaining high colloidal stability under ambient laboratory conditions.
Source	Custom synthesis
Functional Group	Emodin
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.