

Product Information

Baicalein long-circulating liposomes

Cat. No.: X26-05-ZQ1726

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

Synonym: Baicalein long-circulating LPs; PEGylated baicalein liposomes; Baicalein stealth liposomes

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

Product Information

Description	This formulation features baicalein long-circulating liposomes utilizing a sterically stabilized framework. The structural matrix incorporates the hydrophobic trihydroxyflavone baicalein directly into the hydrocarbon core of a phospholipid bilayer, while the outer surface is integrated with polyethylene glycol polymer-lipid conjugates to establish a long-circulating layout. The integration of these specialized polymer-lipid conjugates modifies membrane curvature and introduces a dense hydrophilic steric shield on the outer boundary. This configuration prevents physical vesicle aggregation and controls the passive crystallization of the flavone cargo in open aqueous suspension.
Source	Custom synthesis
Functional Group	Baicalein
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.