

Product Information

Sorafenib PEG liposomes

Cat. No.: X26-05-ZQ2587

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

Synonym: Sorafenib PEG LPs; Sorafenib PEGylated liposomes; PEGylated sorafenib liposomes

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

Product Information

Description	This advanced engineered steric formulation features sorafenib loaded pegylated liposomes. The structural matrix incorporates the highly hydrophobic multikinase inhibitor sorafenib directly within the lipophilic hydrocarbon tail domains of a high-purity phospholipid-cholesterol bilayer shell whose outer surface is modified with dense polyethylene glycol (PEG) polymer anchors. This detailed configuration establishes a dense protective hydrophilic steric brush layer, completely preventing physical vesicle aggregation and suppressing the rapid crystallization and phase separation of the volatile kinase inhibitor cargo in open laboratory media.
Source	Custom synthesis
Functional Group	Sorafenib
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.