

Product Information

Liposome-mimetic composite micelles

Cat. No.: X26-05-ZQ1931

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

Synonym: Liposome-mimetic composite polymeric micelles; Liposome-like composite micelles; Composite liposome-mimetic micelles

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

Product Information

Description	This product features liposome-mimetic composite micelles engineered as a high-density amphiphilic core-shell reference assembly. The structural architecture bypasses a traditional aqueous core to form a dense, solid hydrophobic internal matrix core composed of interlaced lipidic tails and block copolymers, completely enveloped by an outer shell of hydrophilic phospholipid headgroups and hydrophilic polymer chains. This specific configuration mimics the external surface topography, surface charge profile, and interfacial hydration parameters of a traditional liposome vesicle while providing an entirely different internal mass transport boundary layer.
Source	Custom synthesis
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.