



Product Information

Empty acid-sensitive proliposomes

Cat. No.: X26-05-ZQ1183

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

Synonym: Blank acid-sensitive proliposomes; Empty pH-sensitive proliposomes; Blank acid-responsive proliposomes

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

Product Information

Description	This product consists of empty acid-sensitive proliposomes formulated as a solid-state dry powder precursor matrix containing pH-responsive lipids. The structure is composed of microcrystalline carbohydrate carriers that support a uniform layer of dehydrated dioleoylphosphatidylethanolamine and cholesteryl hemisuccinate without any active cargo. This dry configuration serves as a versatile baseline matrix that avoids premature vesicle aggregation and degradation during storage. Upon exposure to an aqueous phase, the components self-assemble into empty nanoscale vesicles that undergo rapid membrane disruption under acidic laboratory conditions.
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.