

Product Information

Polyamine proliposomes

Cat. No.: X26-05-ZQ1370

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

Synonym: Polyamine PLs; Polyamine dry powder liposomes; Polyamine proliposomal formulations

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

Product Information

Description	This product consists of polyamine proliposomes formulated as a solid-state dry powder precursor matrix to enhance the stability of aliphatic polyamine compounds. The structure is composed of microcrystalline sugar or polyol carriers that support a uniform layer of dehydrated phospholipids and cholesterol alongside polyamine compounds (such as spermidine or spermine). This dry configuration completely prevents early chemical oxidation or premature leakage of the water-soluble organic cations during extended laboratory storage. Upon contact with an aqueous buffer, the solid matrix dissolves instantly, allowing the components to spontaneously form small liposomal vesicles enclosing the compounds.
Source	Custom synthesis
Functional Group	Polyamine
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.