

Product Information

Bisdemethoxycurcumin proliposomes

Cat. No.: X26-05-ZQ1270

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

Synonym: Bisdemethoxycurcumin PLs; BDMC proliposomes; Bisdemethoxycurcumin dry powder liposomes

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

Product Information

Description	This product consists of bisdemethoxycurcumin proliposomes formulated as a solid-state dry powder precursor matrix to enhance the solubility of a natural demethoxy derivative of curcumin. The structure is composed of microcrystalline carbohydrate carriers that support a uniform layer of dehydrated phospholipids and cholesterol alongside the hydrophobic compound bisdemethoxycurcumin. This dry configuration completely prevents chemical oxidation and crystallization of the curcuminoid during extended laboratory storage. Upon exposure to an aqueous phase, the solid matrix dissolves immediately, allowing the lipid components to spontaneously form small liposomal vesicles enclosing the compound.
Source	Custom synthesis
Functional Group	Bisdemethoxycurcumin
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.