



Product Information

Curcumin-microsphere-loaded hydrogels

Cat. No.: X26-04-ZQ2645

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

Synonym: Curcumin-MS hydrogel; Cur-loaded microsphere matrix; Curcumin-MS system

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

Product Information

Description	Curcumin-microsphere-loaded hydrogels are delivery systems for a hydrophobic natural compound. The composition utilizes microspheres to govern the elution rate of curcumin within a hydrogel scaffold. The structure provides a localized depot for investigating the behavior and stability of the payload in experimental 3D models.
Source	Custom synthesis
Form	Solid
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
Applications	This product can be used for the study of plant-derived molecular delivery, the development of biodegradable coatings for research, and research into microsphere-hydrogel synergy.
Storage	Store at -20°C.