

Product Information

PAA modified UCNPs

Cat. No.: X26-05-ZQ393

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

Synonym: Polyacrylic acid-modified UCNPs; PAA-functionalized upconversion nanoparticles; PAA-coated nanophosphors

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

Product Information

Description	These poly(acrylic acid) (PAA) modified upconversion nanoparticles (UCNPs) are coated with a layer of PAA polymer to provide superior water stability. The composition ensures a high density of surface carboxyl groups for secondary chemical conjugation. The resulting structure is a versatile and water-dispersible platform for various materials science research applications.
Source	Custom synthesis
Functional Group	PAA
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.