



Product Information

Lysozyme conjugated UCNPs

Cat. No.: X26-05-ZQ861

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

Synonym: Lysozyme-functionalized UCNPs; Lysozyme-modified upconversion nanoparticles; Protein-conjugated lysozyme-UCNP nanohybrids

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

Product Information

Description	These materials feature upconverting fluoride nanoparticles covalently or electrostatically linked to the active globule enzyme lysozyme. The structure preserves the native conformation and catalytic site accessibility of the protein while using the upconverting core as a highly photostable, non-blinking tracker. The surface modification ensures low aggregation rates in aqueous environments.
Source	Custom synthesis
Functional Group	Lysozyme
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.