



Product Information

Galactose modified UCNPs

Cat. No.: X26-05-ZQ236

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

Synonym: Galactose-functionalized UCNPs; Gal-modified upconversion nanoparticles; Galactose-conjugated UCNPs

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

Product Information

Description	These galactose modified upconversion nanoparticles (UCNPs) feature a luminescent fluoride core surface-functionalized with galactose sugar units. The composition provides a carbohydrate-rich interface designed for specific molecular recognition research. The resulting structure is highly stable in aqueous media and offers a unique platform for investigating sugar-surface interactions.
Source	Custom synthesis
Functional Group	Galactose
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.