CD BioGlyco
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Product Information

Lactosyl agent, Hyaluronate-PEG-lactosyl, Purity ≥95%

Cat. No.: X25-04-YM1403

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

Synonym: Lactosyl-PEG-hyaluronate

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

Product Information

Description	Lactosyl-modified hyaluronate-PEG derivatives attach galactose-glucose disaccharides through PEG linkers, facilitating lactose receptor-targeted drug delivery studies.
Glycan Structure	The glycan structure of hyaluronate (hyaluronic acid, HA) is a linear, non-sulfated glycosaminoglycan composed of repeating disaccharide units.
Source	Chemical synthesis
Form	Solid or powder
Purity	≥95%
Impurities	No visible impurities to the naked eye.
Solubility	This product is soluble in most organic solvents, such as DCM, DMF, DMSO, and THF, and exhibits excellent solubility in water.
Identity	Confirmed by NMR.
Stability	It is stable under its storage temperature.
Quality Level	Research level
Applications	Hyaluronate-PEG-lactosyl plays a key role in enabling multi-axial mechanical testing of viscoelastic composite materials.
Storage	Store at -20°C, protect from light and moisture.