CD BioGlyco
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Product Information

Hydrazide agent, Chondroitin sulfate-PEG-hydrazide, Purity ≥95%

Cat. No.: X25-05-YM195

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

Synonym: Hydrazide-PEG-chondroitin sulfate; Hydrazide-PEG-chondroitin sulfate; Chondroitin sulfate-PEG-hydrazide

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

Product Information

Description	Hydrazide-PEG-chondroitin sulfate (Hyd-PEG-CS) introduces carbonyl-reactive groups *via* PEGylation, enabling hydrazone bond formation with aldehyde/ketone tags.
Glycan Structure	The glycan structure of chondroitin sulfate (CS) is a sulfated glycosaminoglycan (GAG) composed of repeating disaccharide units. Each unit consists of: *N*-acetyl-D-galactosamine (GalNAc) (β1→4 linked) D-glucuronic acid (GlcA) (β1→3 linked)
Source	Chemical synthesis
Functional Group	Hydrazide
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	Chondroitin sulfate-PEG-hydrazide can be used for its potential to investigate amine protonation effects on endosomal membrane disruption.
Storage	Store at -20°C, protect from light and moisture.