

Product Information

Ce6 agent, Chondroitin sulfate-chlorin e6, Purity $\geq 95\%$

Cat. No.: X25-05-YM122

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

Synonym: Chlorin e6-chondroitin sulfate; Ce6-chondroitin sulfate; Chondroitin sulfate-Ce6

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

Product Information

Description	Ce6-loaded chondroitin sulfate (Ce6-CS) covalently attaches chlorin e6 photosensitizers, enabling photodynamic therapy with chondroitin-mediated tumor targeting.
Glycan Name	Chondroitin sulfate
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) ($\beta 1 \rightarrow 4$ linked) D-glucuronic acid (GlcA) ($\beta 1 \rightarrow 124$ linked)
Source	Chemical synthesis
Functional Group	Ce6
Form	Solid or powder
Purity	$\geq 95\%$
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-chlorin e6 can be used for its potential to advance photodynamic-therapeutic agent loading in tumor microenvironment studies.
Storage	Store at -20°C , protect from light and moisture.