

Product Information

HSA agent, Chondroitin sulfate-human serum albumin, Purity $\geq 95\%$

Cat. No.: X25-05-YM015

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

Synonym: Human serum albumin-chondroitin sulfate; HSA-chondroitin sulfate; Chondroitin sulfate-HSA

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

Product Information

Description	HSA-chondroitin sulfate biopolymer is synthesized <i>via</i> reductive amination, preserving human serum albumin's circulatory longevity while introducing chondroitin's tissue-penetration characteristics.
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) ($\beta 1 \rightarrow 17$ linked)
Source	Chemical synthesis
Functional Group	HAS
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-human serum albumin can be used for its potential to design biocompatible albumin hybrids for protein replacement therapies.
Storage	Store at -20°C , protect from light and moisture.