

Product Information

Arg agent, Chondroitin sulfate-arginine, Purity $\geq 95\%$

Cat. No.: X25-05-YM051

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

Synonym: Arginine-chondroitin sulfate; Arg-chondroitin sulfate; Chondroitin sulfate-Arg

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

Product Information

Description	Arginine-chondroitin sulfate cationic conjugate employs guanidinium group incorporation to improve cellular uptake while maintaining chondroitin's protein-binding capacity.
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) ($\beta 1 \rightarrow 3$ linked)
Source	Chemical synthesis
Functional Group	Arg
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-arginine can be used for its potential to test tumor-homing peptides in metastatic niche formation assays.
Storage	Store at -20°C , protect from light and moisture.