

Product Information

TAT agent, Chondroitin sulfate-trans-activator of transcription peptide, Purity $\geq 95\%$

Cat. No.: X25-05-YM031

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

Synonym: Trans-activator of transcription peptide-chondroitin sulfate; TAT-chondroitin sulfate; Chondroitin sulfate-TAT

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

Product Information

Description	TAT peptide-chondroitin sulfate cell-penetrating formulation uses disulfide linkages for intracellular release, combining HIV-derived transduction domains with chondroitin's protective glycosaminoglycan shield.
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	TAT
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-trans-activator of transcription peptide can be used for its potential to analyze cell-penetrating peptide efficiency in macromolecular transport.
Storage	Store at -20°C , protect from light and moisture.