

Product Information

Maleimide agent, Hyaluronate-Mal, Purity $\geq 95\%$

Cat. No.: X25-04-YM1410

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

Synonym: Maleimide-hyaluronate

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

Product Information

Description	Maleimide-functionalized hyaluronic acid (hyaluronate-Mal) enables thiol-selective coupling reactions for site-specific biomolecule conjugation in bioconjugate chemistry.
Glycan Name	Hyaluronate
Glycan Structure	The glycan structure of hyaluronate (hyaluronic acid, HA) is a linear, non-sulfated glycosaminoglycan composed of repeating disaccharide units.
Source	Chemical synthesis
Functional Group	Maleimide
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	Hyaluronate-Mal plays a key role in studying pH-responsive release of therapeutic agents in simulated physiological environments.
Storage	Store at -20°C , protect from light and moisture.