



Product Information

Polylactic acid agent, Hyaluronate-SS-PLA, Purity $\geq 95\%$

Cat. No.: X25-04-YM1426

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

Synonym: Polylactic acid-SS-hyaluronate

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

Product Information

Description	SS-linked hyaluronate-SS-PLA introduces cleavable bonds between lactic acid polymers and hyaluronic acid, enabling ROS-responsive material breakdown.
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	Polylactic acid
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-SS-PLA plays a key role in studying macrophage polarization responses to tunable material surfaces.
Storage	Store at -20°C , protect from light and moisture.