

Product Information

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

Cat. No.: X25-04-YM1384

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

Synonym: Polylactic acid-PEG-hyaluronate

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

Product Information

Description	Hyaluronate-PEG-PLA represents a copolymer conjugate where polylactic acid segments are chemically grafted onto hyaluronic acid <i>via</i> polyethylene glycol spacers, thereby enabling improved material characteristics for biomedical investigations.
Glycan Structure	The glycan structure of hyaluronate (hyaluronic acid, HA) is a linear, non-sulfated glycosaminoglycan composed of repeating disaccharide units.
Source	Chemical synthesis
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-PEG-PLA plays a key role in optimizing shear-thinning behavior for injectable scaffold development.
Storage	Store at -20°C , protect from light and moisture.