

Methacrylated Type I collagen

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Methacrylated Type I collagen (Col1MA) is a methacrylate-modified scaffold material used in tissue engineering, retaining the fundamental properties of natural collagen. In the presence of photoinitiator LAP, it self-assembles into a fibrous hydrogel, targeting bioactive adhesion sites to inherently support tissue cells and offer biodegradability. Applications include cell culture, bio 3D printing, and tissue engineering.
Targets(IC50)	MMP

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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