

Methacrylated Type I collagen

Cat. No.:	HY-158225	
Target:	Biochemical Assay Reagents	
Pathway:	Others	
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	Methacrylated Type I collagen

BIOLOGICAL ACTIVITY

Description

Methacrylated Type I collagen (Col1MA) is a methacrylated tissue engineering scaffold material. Methacrylated Type I collagen retains the essential properties of natural collagen, including spontaneous fiber self-assembly and enzymatic biodegradability. Methacrylated Type I collagen is capable of self-assembly into fibrous hydrogels, intrinsic support of tissue cells through bioactive adhesion sites, and its biodegradability. After photo-cross-linking CMA, the cell viability of encapsulated mesenchymal stem cells was protected^[1].

REFERENCES

[1]. Gaudet I D, Shreiber D I. Characterization of methacrylated type-I collagen as a dynamic, photoactive hydrogel[J]. Biointerphases, 2012, 7(1).

Caution: Product has not been fully validated for medical applications. For research use only.

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