

Elastin Methacrylated

Cat. No.:	HY-158226
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Elastin Methacrylated

BIOLOGICAL ACTIVITY

Description

Elastin Methacrylated (ElaMA) elastin recruits and modulates innate immune cells and accelerates angiogenesis at the wound site, thereby improving wound regeneration. Elastin Methacrylated attracts large numbers of neutrophils and primarily M2 macrophages to the wound and induces their penetration into the hydrogel. Elastin Methacrylated has excellent immunomodulatory effects, leading to superior angiogenesis, collagen deposition and dermal regeneration^[1].

REFERENCES

[1]. Tian D M, Wan H H, Chen J R, et al. In-situ formed elastin-based hydrogels enhance wound healing via promoting innate immune cells recruitment and angiogenesis[J]. Materials Today Bio, 2022, 15: 100300.

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

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