

GelMA, 90% methacrylation

Cat. No.:	HY-W763582B
CAS No.:	2280018-77-9
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

GelMA, 90% methacrylation

BIOLOGICAL ACTIVITY

Description

Gelatin Methacryloyl (GelMA) is a derivative obtained by the reaction of chitin anhydride (methacrylic anhydride, MA) and gelatin. The hydrogel formed by Gelatin Methacryloyl has good biocompatibility and biodegradability, photocrosslinking ability and adjustable physical properties^[1]. GelMA, 90% methacrylation needs to self-assemble into fibrous hydrogel under the action of photoinitiator LAP (HY-44076), and target bioactive adhesion sites, play an inherent supporting role for tissue cells and biodegradable activity.

Application: cell culture, biological 3D printing, tissue engineering, etc.

REFERENCES

[1]. Piao Y, et al., Biomedical applications of gelatin methacryloyl hydrogels[J]. Engineered Regeneration, 2021, 2: 47-56.

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

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