

GelMA (60% methacrylation, Green Fluorescent)

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	GelMA (Gelatin Methacryloyl), with 60% methacrylation and Green Fluorescent properties, is a type of methylated gelatin incorporating fluorescent molecules. This compound functions as a scaffold for creating tissue analogs, such as those resembling the vascular system, cartilage, and bone, promoting cell proliferation and diffusion. To form fibrous hydrogels, GelMA requires the action of a photoinitiator LAP, allowing it to target bioactive adhesion sites to support and degrade in tissue cells. It is applicable in fields like cell culture, bio 3D printing, and tissue engineering.
Targets(IC50)	Others

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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