

## Heparin Methacrylate

### 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	Heparin Methacrylate (HepMA) is a heparin derivative, modified with methacrylate, making it suitable as a material for tissue engineering scaffolds and as a bioink for 3D printing. Under the influence of the photoinitiator LAP, HepMA self-assembles into fibrous hydrogels that target bioactive adhesion sites, providing inherent support to tissue cells and promoting biodegradation. Its applications include cell culture, bioprinting, and tissue engineering.
Targets(IC50)	Others

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481