

## Polyether F127 Diacrylate

### 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	Polyether F127 Diacrylate (F127DA) is a triblock copolymer derived from the acrylation of polyethylene glycol-polypropylene glycol-polyethylene glycol. It rapidly crosslinks and cures into a gel under UV and visible light with a photoinitiator. Polyether F127 Diacrylate displays excellent thermoresponsive gelation (temperature-induced gelation) properties and good biocompatibility. When used with the photoinitiator LAP, it self-assembles into fibrous hydrogels that target bioactive adhesion sites, providing inherent support and biodegradability for tissue cells. Application areas include the biomedical field, serving as a drug carrier, wound dressing, cell carrier, shear protector, bio 3D printing material, and for tissue engineering.
Targets(IC50)	Others

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