

## Silk Fibroin Methacryloyl

Cat. No.:	HY-158224
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### Silk Fibroin Methacryloyl

#### BIOLOGICAL ACTIVITY

##### Description

Silk Fibroin Methacryloyl (FibMA) is methacrylated silk fibroin with excellent biocompatibility, stable mechanical properties and good processing properties, and was selected as the substrate for multifunctional microneedle (MN) patches. . MN patches made of Silk Fibroin Methacryloyl exhibit excellent biocompatibility, sustained drug release, pro-angiogenic, antioxidant and antibacterial properties depending on the specific drug encapsulated<sup>[1]</sup>.

#### REFERENCES

[1]. Guan G, Zhang Q, Jiang Z, et al. Multifunctional silk fibroin methacryloyl microneedle for diabetic wound healing[J]. Small, 2022, 18(51): 2203064.

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

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