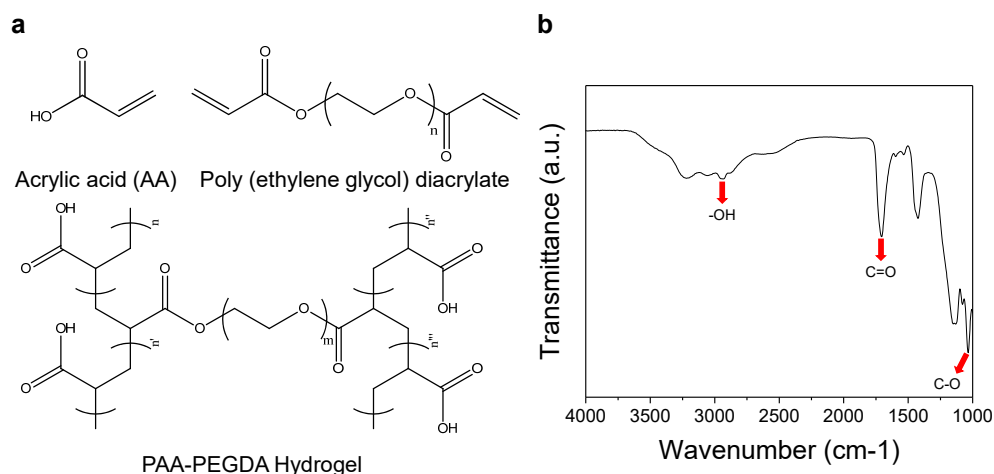


# Preparation and characterization of poly(acrylic acid)-based self-healing hydrogel for 3D shape fabrication via extrusion-based 3D printing



**Figure S1.** Chemical structure and characterization of polymer network in the new self-healing hydrogel. a, Chemical structure. b, Fourier transform infrared (FT-IR) spectra[1].

## References

1. khoobi, M.; Moghimi, M.; Motlagh, G.H.; Sorouri, F.; Haririan, E. Cross-Linked Poly(Acrylic Acid) Hydrogel Loaded with Zinc Oxide Nanoparticles and Egg White Proteins for Antimicrobial Application. *J. Inorg. Organomet. Polym. Mater.* **2020**, *30*, 5234–5243.