Supporting Information

Thin porphyrin composite membranes with enhanced organic solvent transport

![Absorption vs Wavelength](image)

**Fig. S1.** UV-vis diffuse reflectance spectra of 0/1 porphyrin/MPD, 0.25/0.75 porphyrin/MPD, and 0.5/0.5 porphyrin/MPD membranes; membrane surface photographs (right).
**Fig. S2.** TEM image of (a) 0.25/0.75 porphyrin/MPD film and (b) its high magnification.

**Fig. S3.** (a) Contact angle values of droplets of water and hexane on the membrane surfaces, (b) FTIR spectra of freestanding films, and (c) zeta potential values of the membranes at neutral pH (7.1).
**Fig. S4.** XRD patterns 0/1 porphyrin/MPD and 0.5/0.5 porphyrin/MPD freestanding films.