

Supporting information for

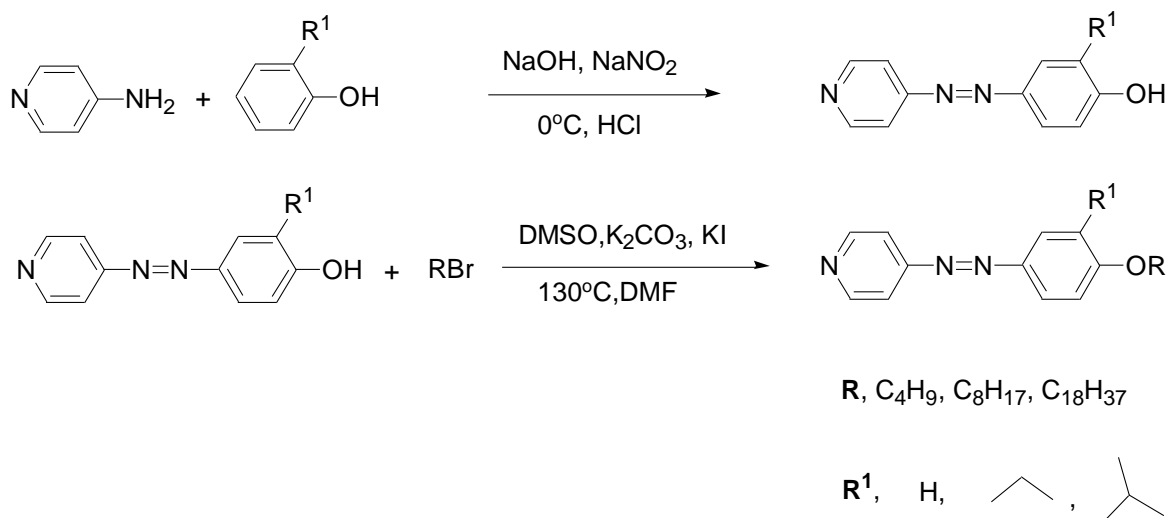
Different Morphologies of Self-Assembled Nanofibers Fabricated With Amphiphilic Low-Molecular-Weight Azopyridinium Salts

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Scheme S1. The synthetic route of AzPy compounds.

Fabrication of hybrid nanofibers.

For example, as shown in Figure S1, HCl (11 M, 0.05 mL) was added to a THF solution (1 mL) containing azopyridines (5 mg). The nanofibers were fabricated using these resulted solutions.



Fig. S1 Illustration of the fabrication processes of organic nanofibers.

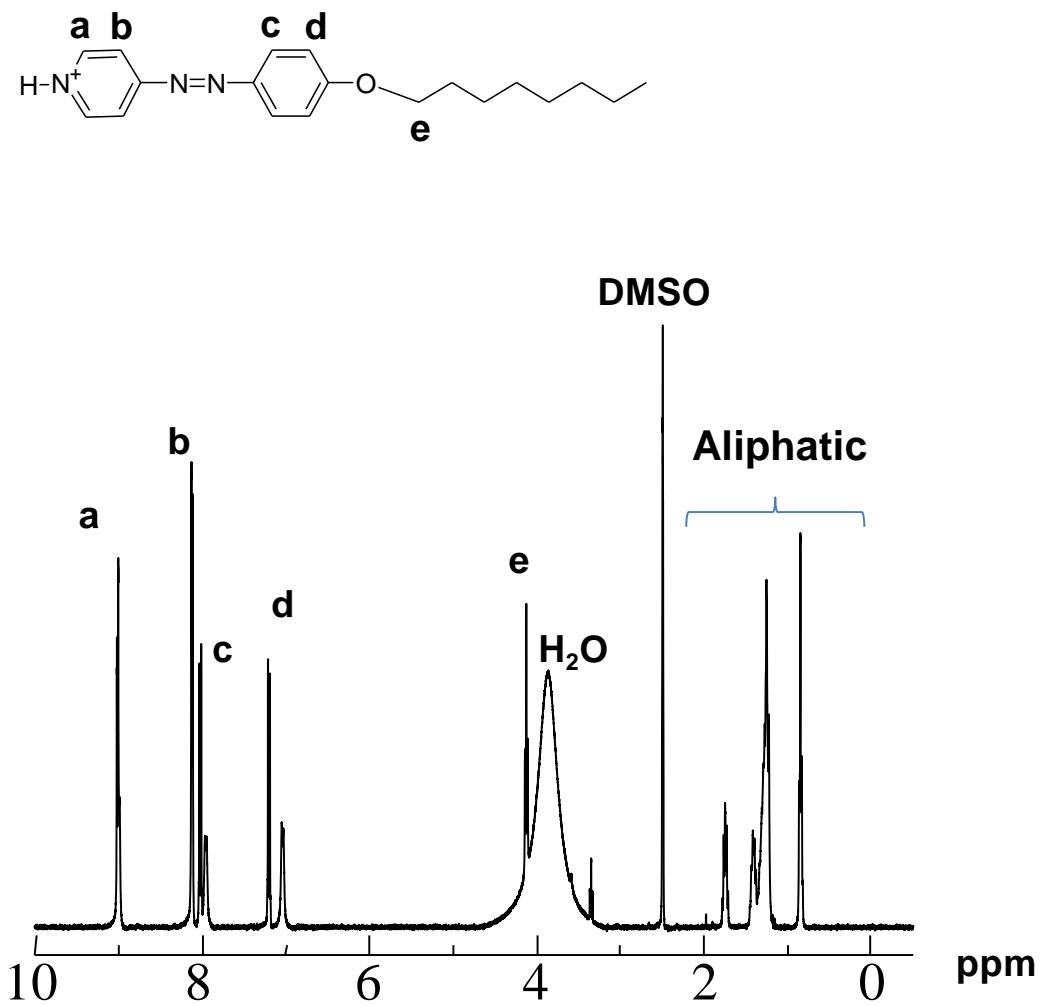


Fig. S2 ¹H NMR spectra of compound AzPyC8 in DMSO solution.

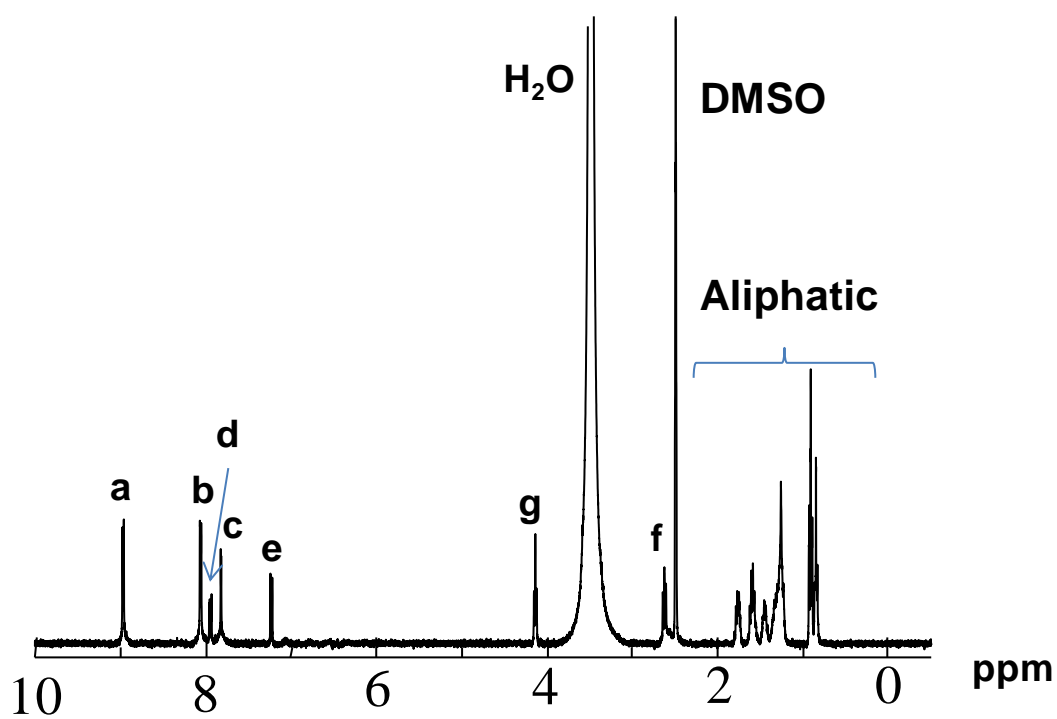
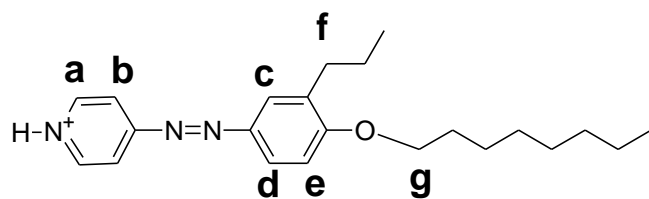


Fig. S3 ¹H NMR spectra of compound AzPyC8-1 in DMSO solution.

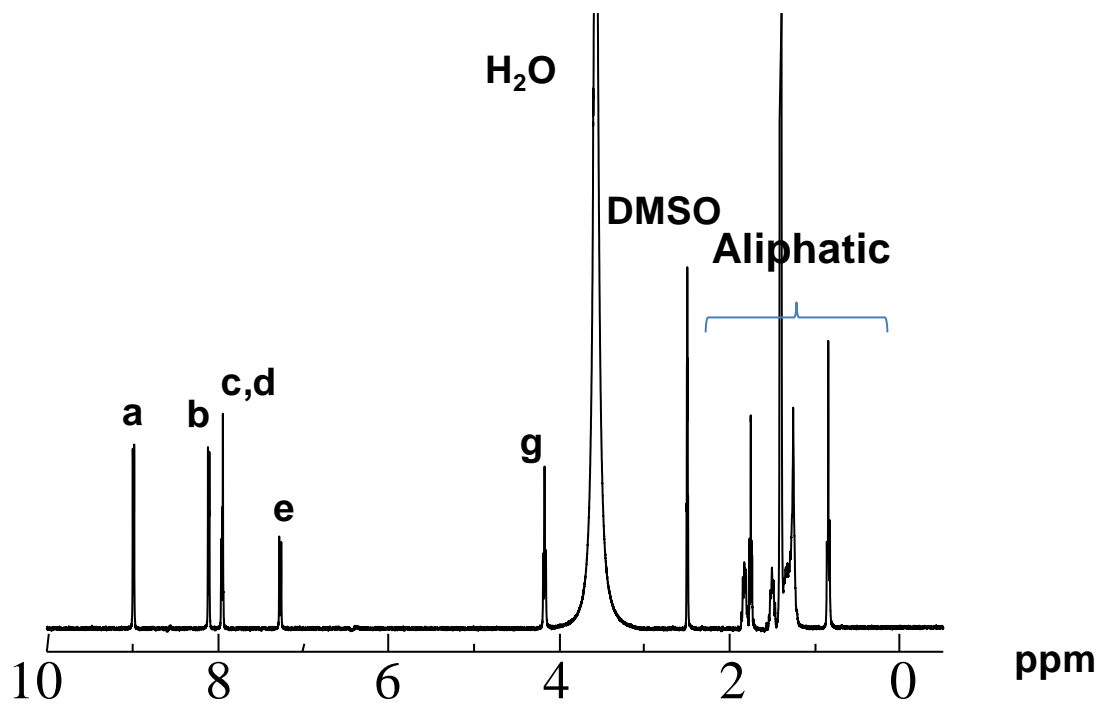
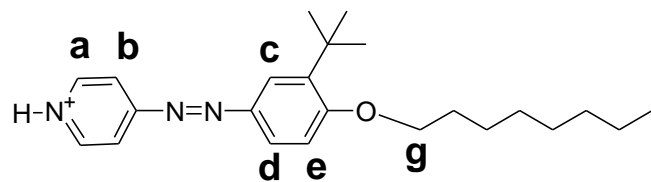


Fig. S4 ¹H NMR spectra of compound AzPyC8-2 in DMSO solution.

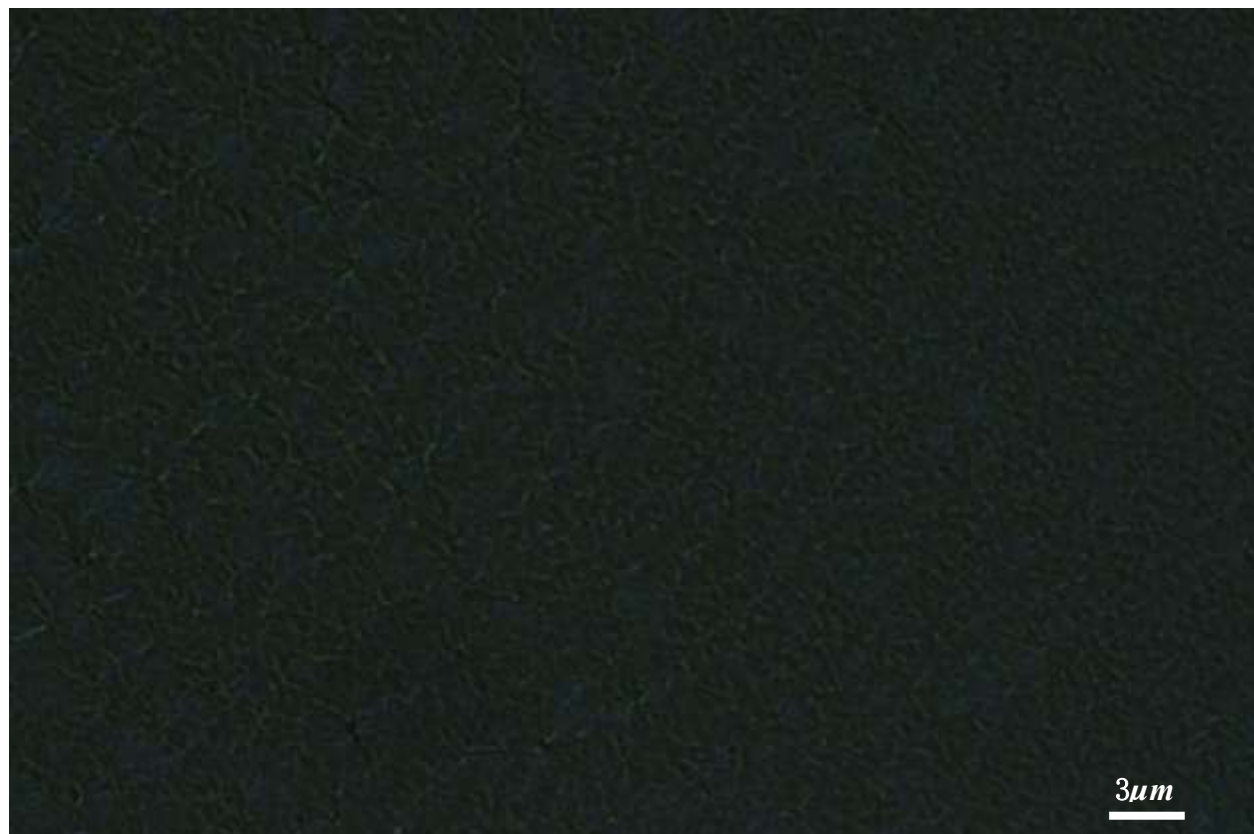


Fig. S5 POM image of nanofibers formed with AzPyC18.

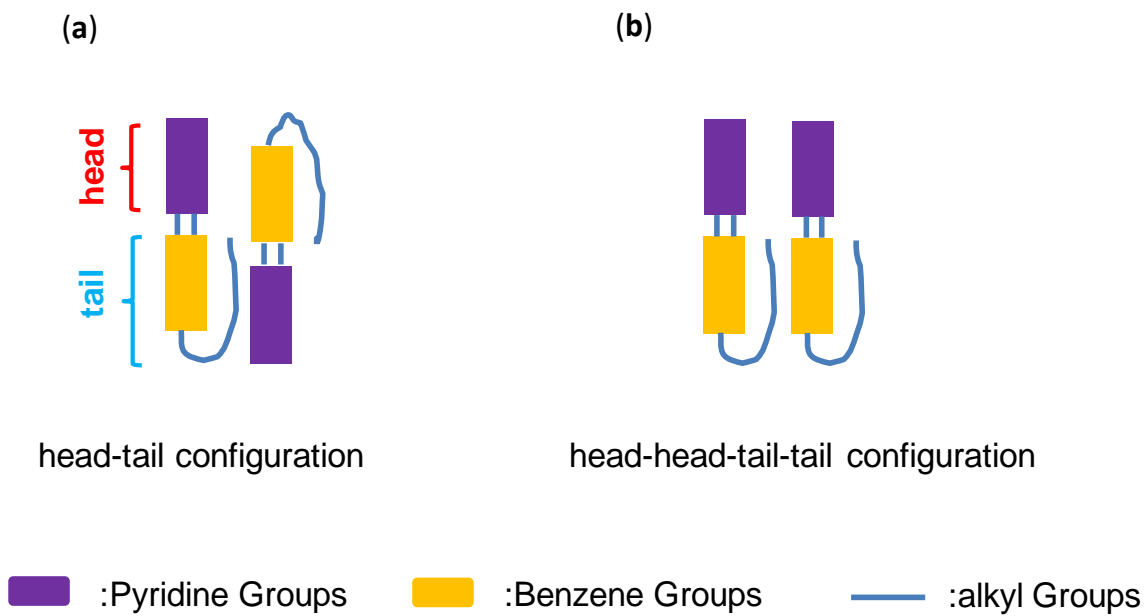


Fig. S6 Illustration of possible aggregation in LMW-AzPy nanofibers.