

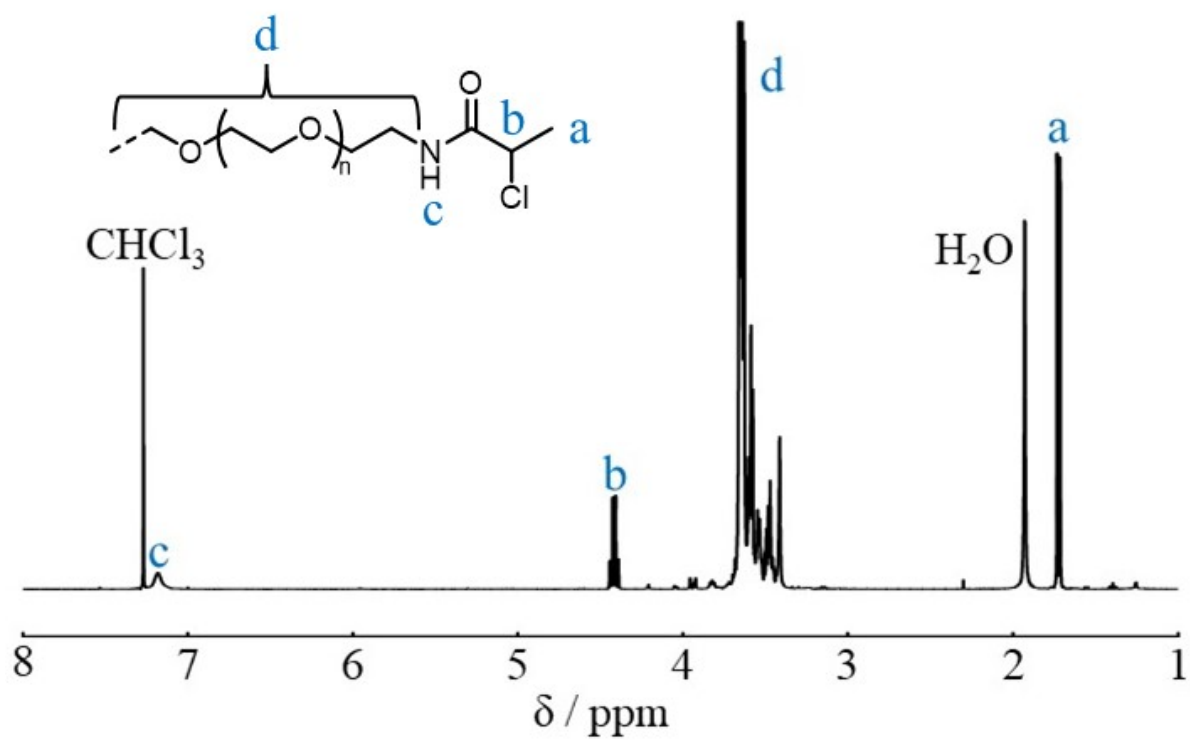


Figure S1. ^1H NMR spectrum of initiator prepared from 4-ArmPEG-Amine

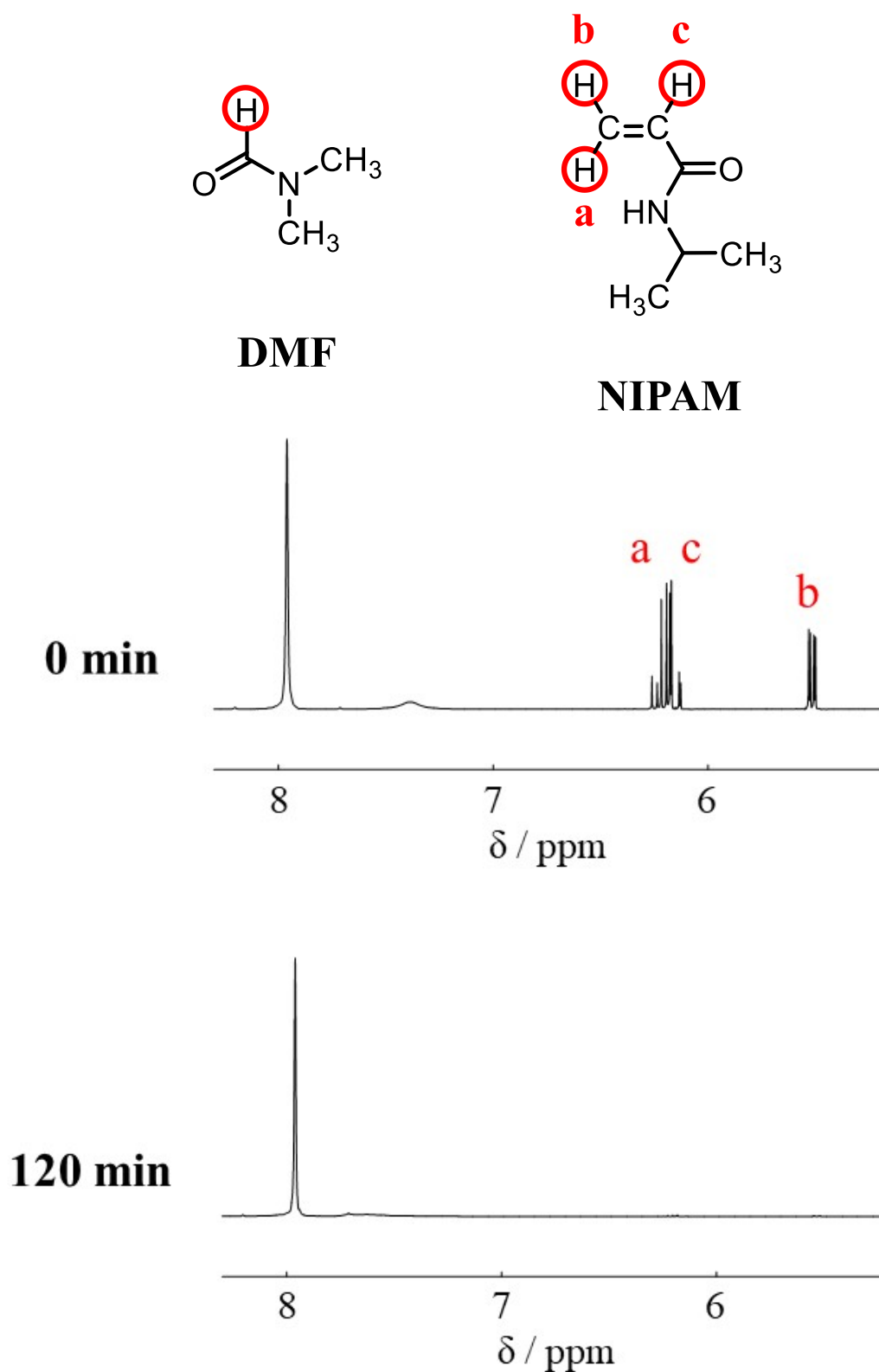


Figure S2. Time change of ^1H NMR spectra of the reaction solution for preparation of end-Cl 4-arm star-shaped PEG-b-PNIPA

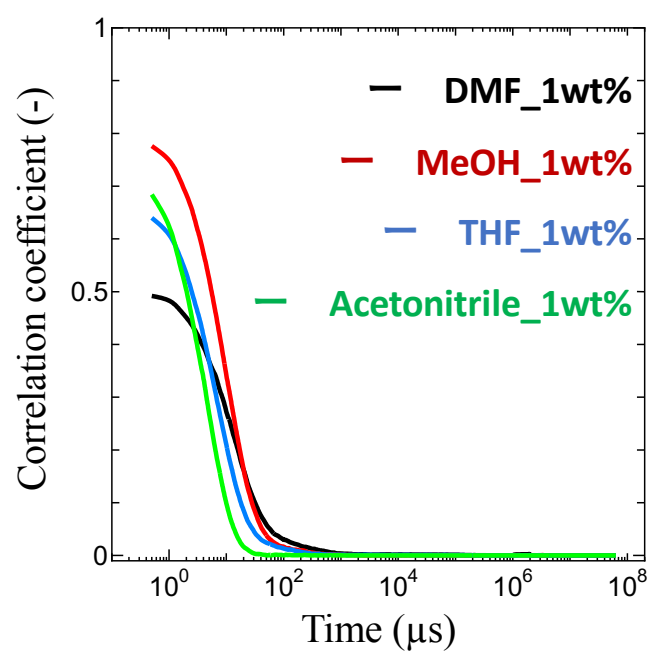


Figure S3 Correlation coefficient of end-N₃ 4-arm star-shaped PEG-b-PNIPA in various solvents (MeOH, DMF, THF, acetonitrile)

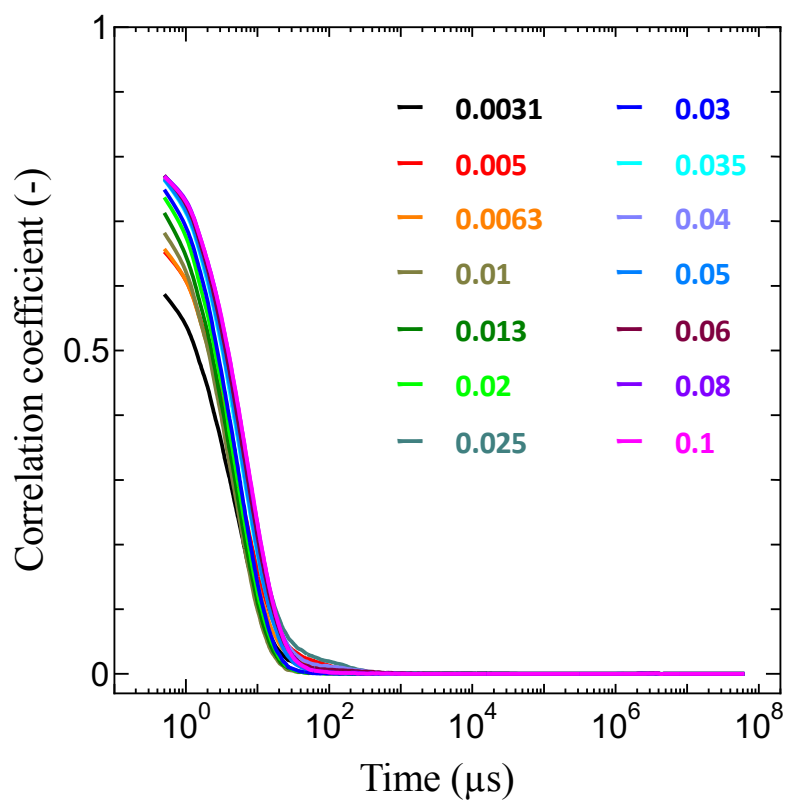


Figure S4 Correlation coefficients observed from solutions of end- N_3 4-arm star-shaped PEG-b-PNIPA dissolved in various concentrations of acetonitrile.

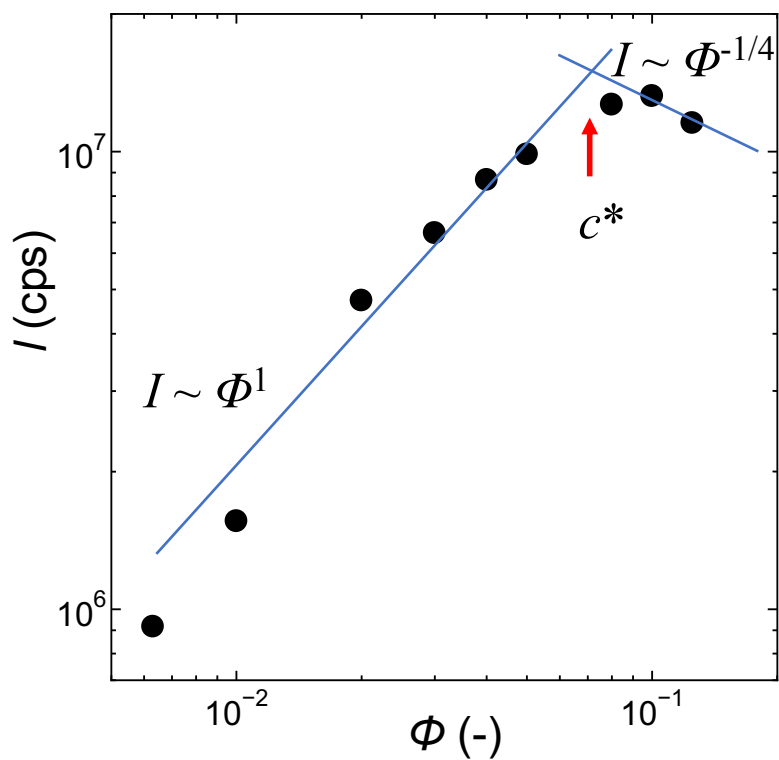


Figure S5 Scattering intensity (I) of end-N₃ 4-arm star-shaped PEG-b-PNIPA in Acetonitrile for various polymer volume fractions