## Organogelation Through Self-Assembly of Low-Molecular-Mass Amphiphilic Peptide

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**Electronic Supplementary Information** 

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- a : DCC, DMAP, HOBt, dry DCMb : TFA
- c : 1 N NaOH, MeOH /  $H^+$





Fig. S1 FESEM images of dried sample of 1 prepared from benzene.



Fig. S2 Temperature-dependent heating and cooling cycle for 1 (0.4% w/v) in 1,2-dichloroethane.



Fig. S3 FTIR spectra of xerogels of 1 prepared from THF (....) and EtOAC (—).



**Fig. S4** A) 0.5 mL benzene and 0.5 mLwater together with 3 mg of gelator **1**. B) Selective gelation of benzene layer by **1**.



Fig. S5 UV/Vis spectrum of aqueous solution of dye (rhodamine 6G) indicating the time-dependent adsorption of the dye from water by xerogel of 1.



Fig. S6 UV/Vis spectrum of aqueous solution of dye (naphthalene blue black) indicating the time-dependent adsorption of the dye from water by xerogel of 1.