## Effect of C12H25O– Substituent Position on the Self-Assembly Behaviour of C6H5COO–Ala–Ala dipeptide

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	ortho- <b>16</b>	meta- <b>16</b>	para- <b>16</b>
Ethanol	Solution	Solution	Solution
	(40)	(40)	(40)
Methanol	Solution	Solution	Solution
	(40)	(30)	(20)
THF	Solution	Solution	Solution
	(40)	(40)	(40)
DMF	Solution	Solution	Solution
	(40)	(40)	(40)
DMSO	Solution	Solution	Solution
	(40)	(40)	(40)
Dichloromethane	Solution	Turbid solution	Insoluble
	(40)	(4)	(3)
Chloroform	Solution	Solution	Solution
	(40)	(4)	(10)
Toluene	Solution	Turbid solution	Turbid solution
	(20)	(4)	(5)
<i>n</i> -Hexane	Insoluble	Insoluble	Insoluble

**Table S1** Gelation properties of three dipeptides in different solvents at 25 °C (g L<sup>-1</sup>).



**Fig. S1.** TEM image of *para*-**16** nanotube prepared in the mixed solvent of  $CH_3OH$  and  $H_2O$  (6/4, v/v) at a concentration of 2 g L<sup>-1</sup>.



**Fig. S2** <sup>1</sup>H NMR spectra of (a) *meta*-**16** and (b) *para*-**16** (2.0 g L<sup>-1</sup>) prepared in the mixed solvent of CH<sub>3</sub>OH/CD<sub>3</sub>OD/H<sub>2</sub>O/D<sub>2</sub>O (51/9/34/6, v/v/v/v) at 25, 35, 45, 55, 65 and 75 °C.