Probing the formation of supramolecular assemblies of amphiphilic N-methyl glycine and N,N dimethyl β-alanine derivatives

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Electronic Supplementary Information:

**1H and 13C-NMR spectral data**

1. Fig. S1. ¹H and ¹³C spectra of (N-(4-aminobutyl)-2-(methylamino acetamide) (AMA)
Fig. S2. $^1$H and $^{13}$C spectra of N,N’-(butane-1,4-diyl) bis(2-(methylamino) acetamide) (BMA)
Fig. S3 $^1$H and $^{13}$C spectra of (N-(4-aminobutyl)-3-(dimethylamino) propanamide (ADP)
**Fig. S4.** $^1$H and $^{13}$C spectra $N,N'$-(butane-1,4-diyl) bis(3-(dimethylamino) propanamide)
HPLC-MS Data

Fig. S5. LC-MS analysis of (N-(4-aminobutyl)-2-(methylamino acetamide) (AMA)

Figure S6. LC-MS analysis of N,N’-(butane-1,4-diyl)bis(2-(methylamino) acetamide) (BMA)
**Figure S7.** LC-MS analysis of N-(4-aminobutyl)-3-(dimethylamino) propanamide (ADP)

**Figure S8.** LC-MS analysis of N,N'-(butane-1,4-diyl) bis(3-(dimethylamino) propanamide) (BDP)