Electronic Supplementary Information (ESI) for Organic & Biomolecular Chemistry

Meta-substituted benzamide oligomers that complex mono-, di- and tricarboxylates: folding-induced selectivity and chirality

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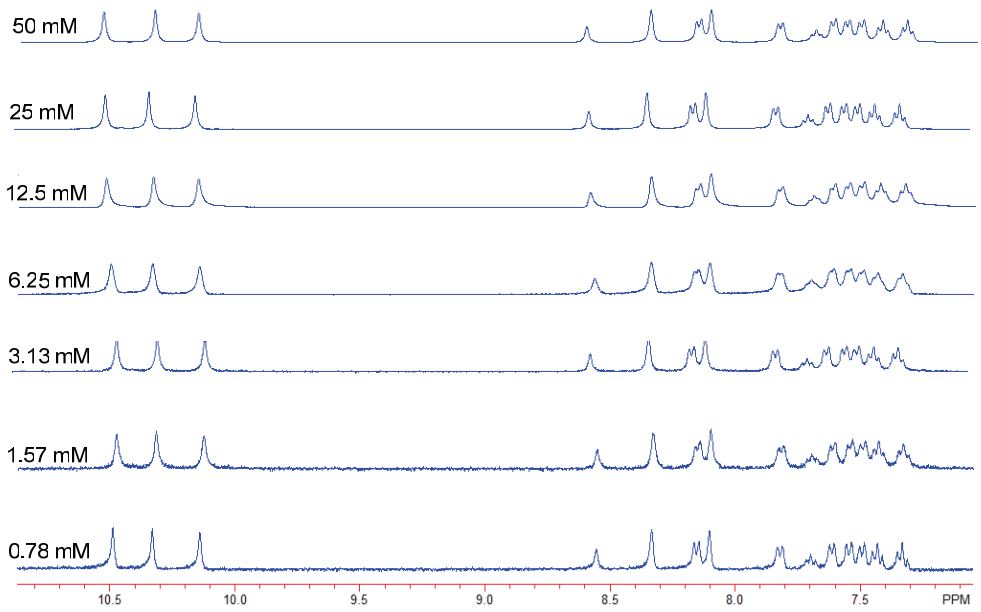

Fig. S1 Partial ^{1}H NMR spectra of **T2** at different concentrations in DMSO-d_6 at 25 ^{o}C.

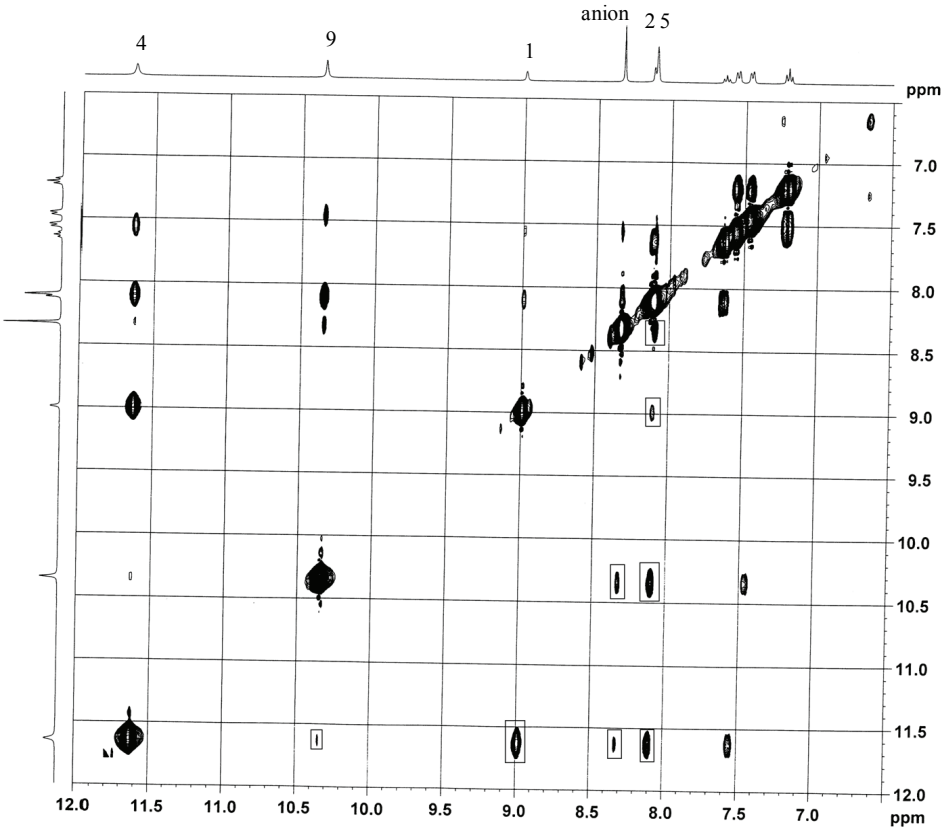

Fig. S2 Partial NOESY spectrum (400 MHz) of the mixture of **T1** (10 mM) + **10** (10 mM) in DMSO-d_6 at 25 °C (mixing time = 0.3 s).

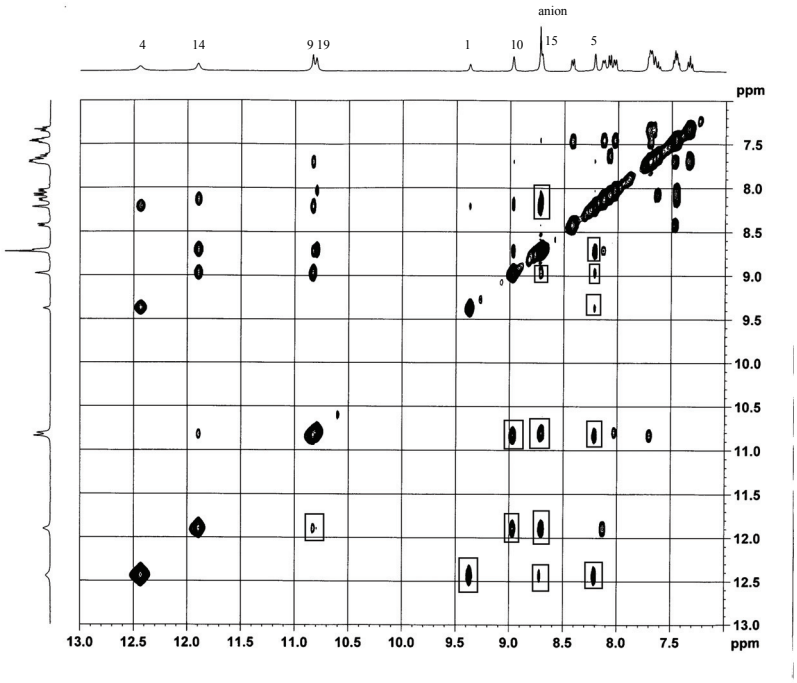

Fig. S3 Partial NOESY spectrum (400 MHz) of the mixture of **T3** (10 mM) + **10** (10 mM) in DMSO-d_6 at 25 °C (mixing time = 0.3 s).

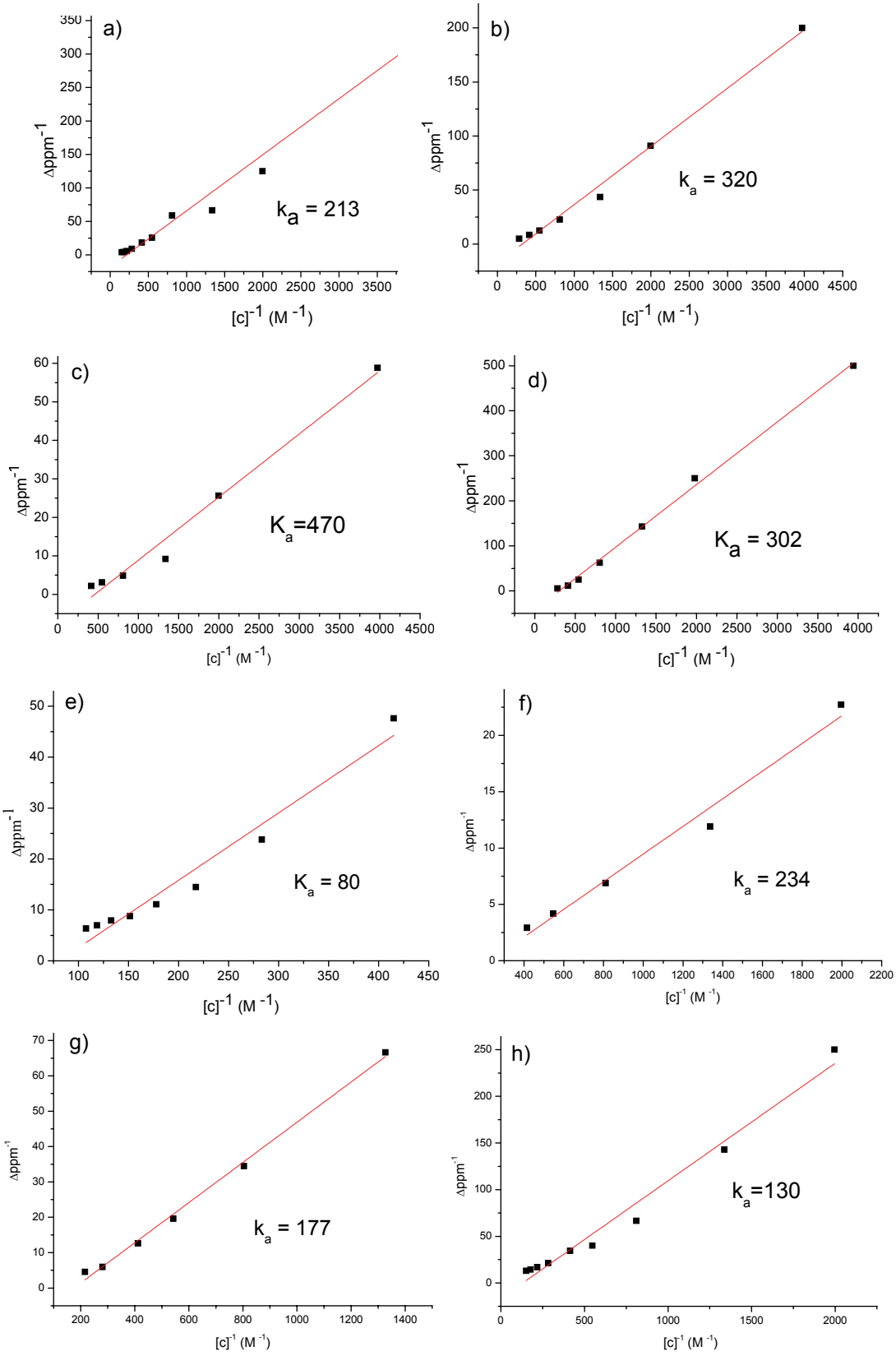

Fig. S4 Benesi-Hildebrand (BH) plots using ^{1}H NMR titration data of (a) **T1-10**, (b) **T2-10**, (c) **T3-10**, (d) **T3-11**, (e) **T3-12**, (f) **T3-13**, (g) **T3-14** and (h) **T3-15**. All fit to 1:1 binding model.

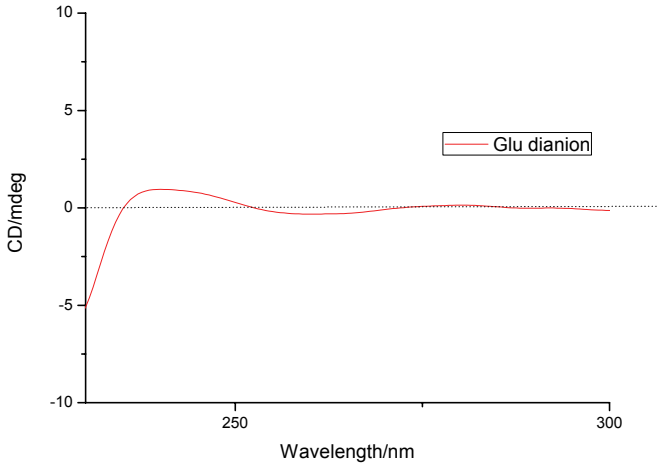

Fig. S5 CD spectrum of L-**16** (20.0 mM) in $CHCl_3$ at 25 °C.

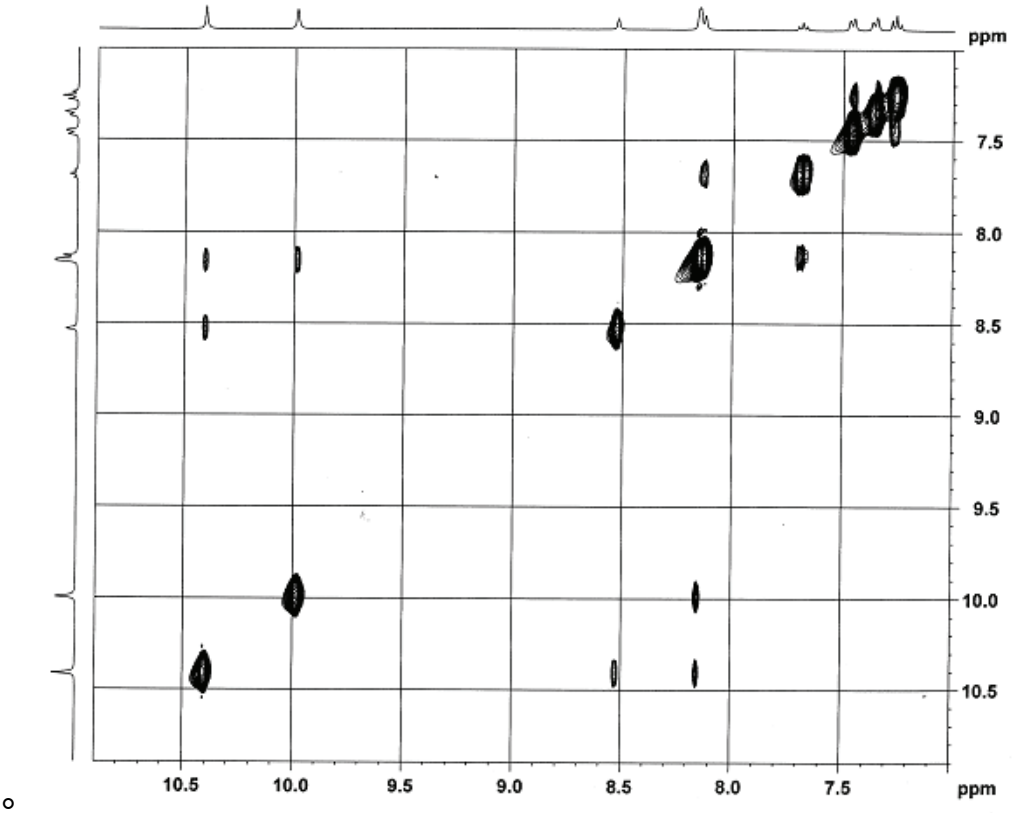

Fig. S6 Partial NOESY spectrum (400 MHz) of **T1** (10 mM) in DMSO-d_6 at 25 °C (mixing time = 0.3 s).

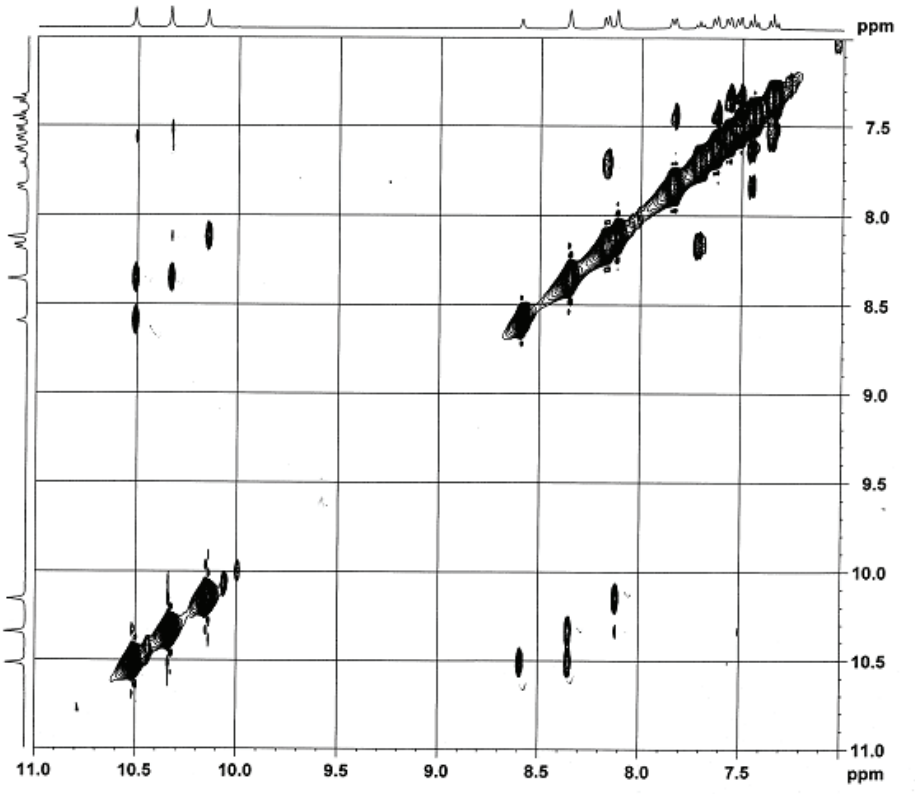

Fig. S7 Partial NOESY spectrum (400 MHz) of **T2** (10 mM) in DMSO-d_6 at 25 °C (mixing time = 0.3 s).

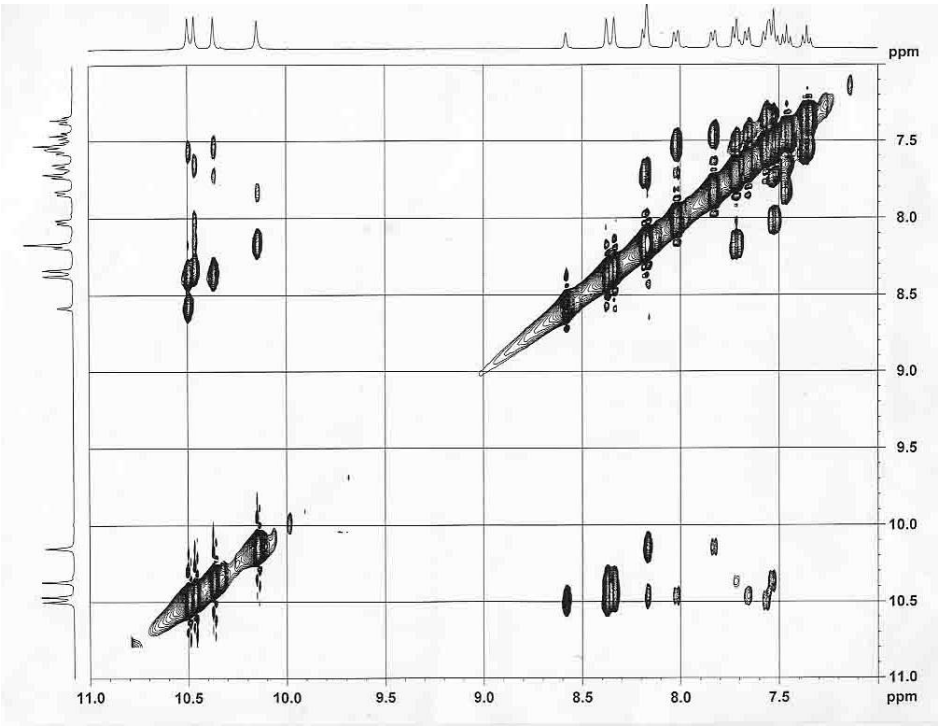

Fig. S8 Partial NOESY spectrum (400 MHz) of **T3** (10 mM) in DMSO-d_6 at 25 °C (mixing time = 0.3 s).

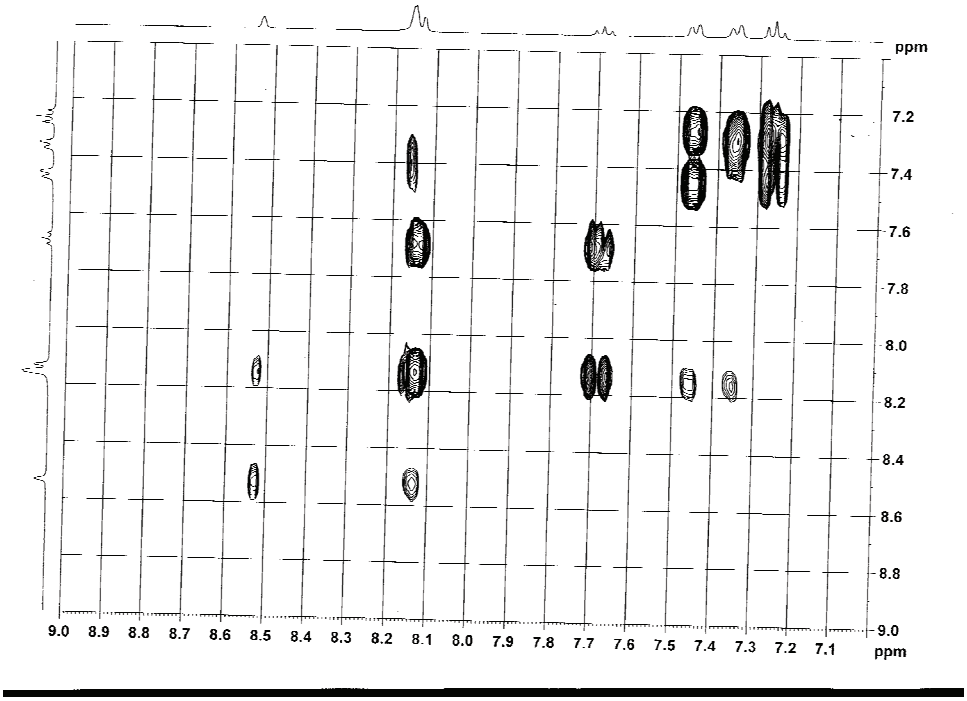

Fig. S9 Partial COSY spectrum (400 MHz) of **T1** (10 mM) in DMSO-d_6 at 25 °C.

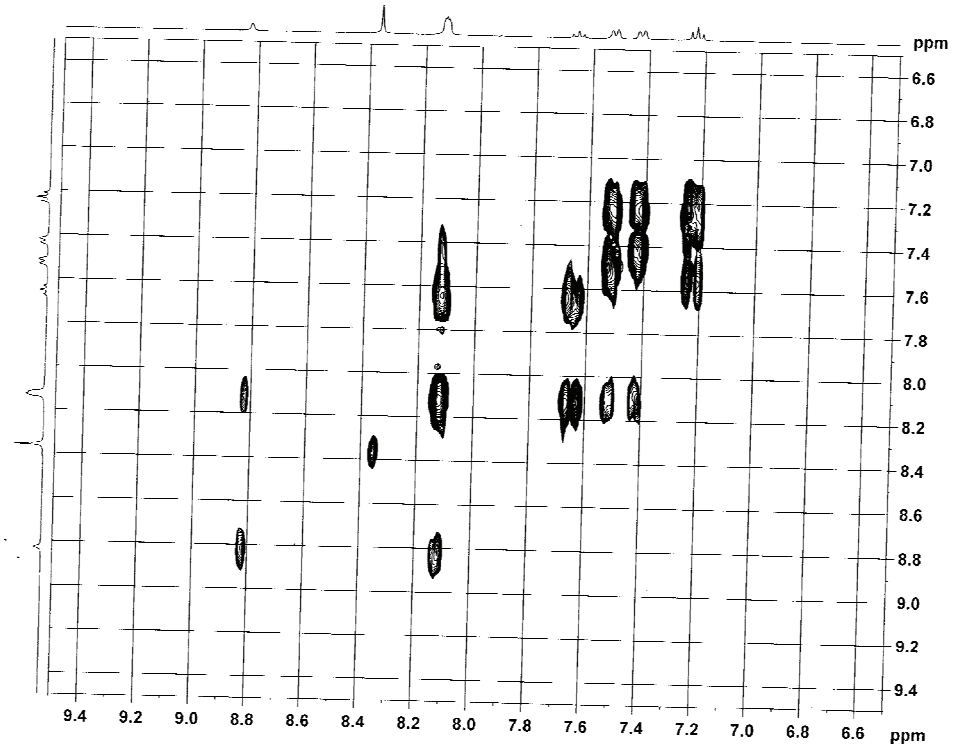

Fig. S10 Partial COSY spectrum (400 MHz) of the mixture of **T1** (10 mM) + **10** (10 mM) in DMSO-d_6 at 25 °C.

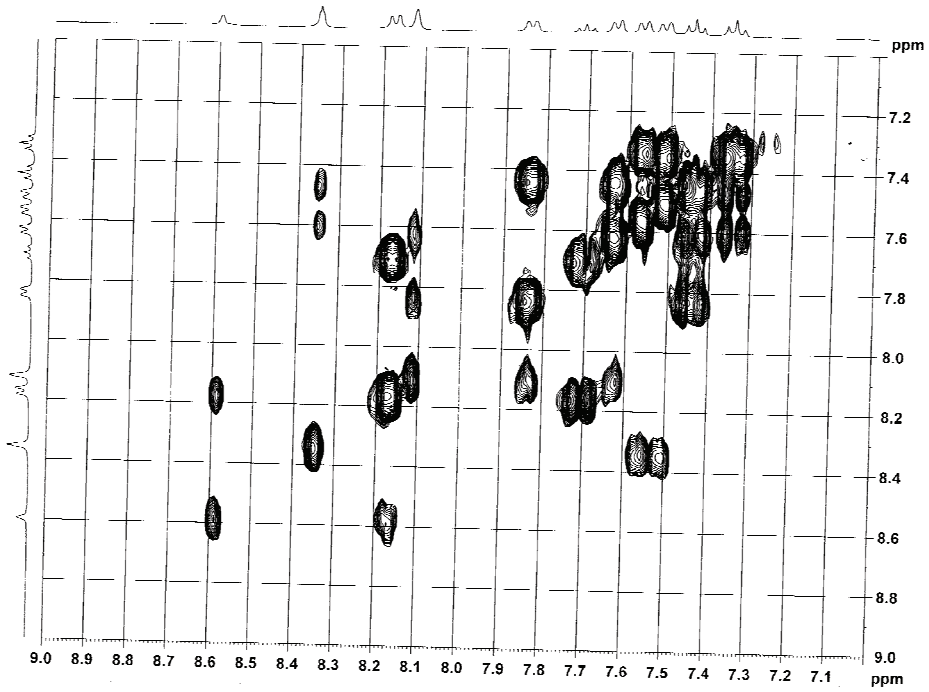

Fig. S11 Partial COSY spectrum (400 MHz) of **T2** (10 mM) in DMSO-d_6 at 25 °C.

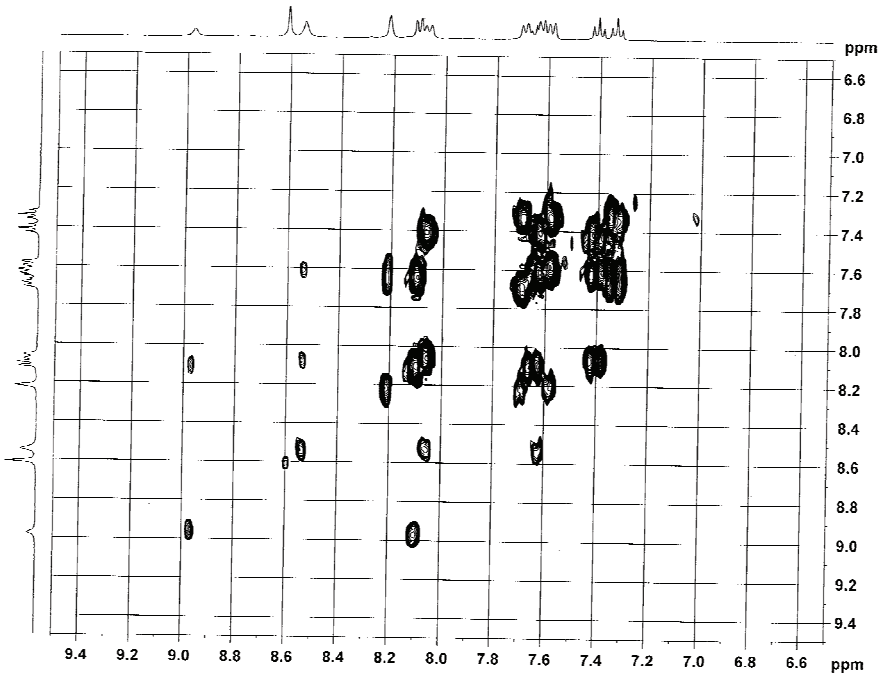

Fig. S12 Partial COSY spectrum (400 MHz) of the mixture of **T2** (10 mM) + **10** (10 mM) in DMSO-d_6 at 25 °C.

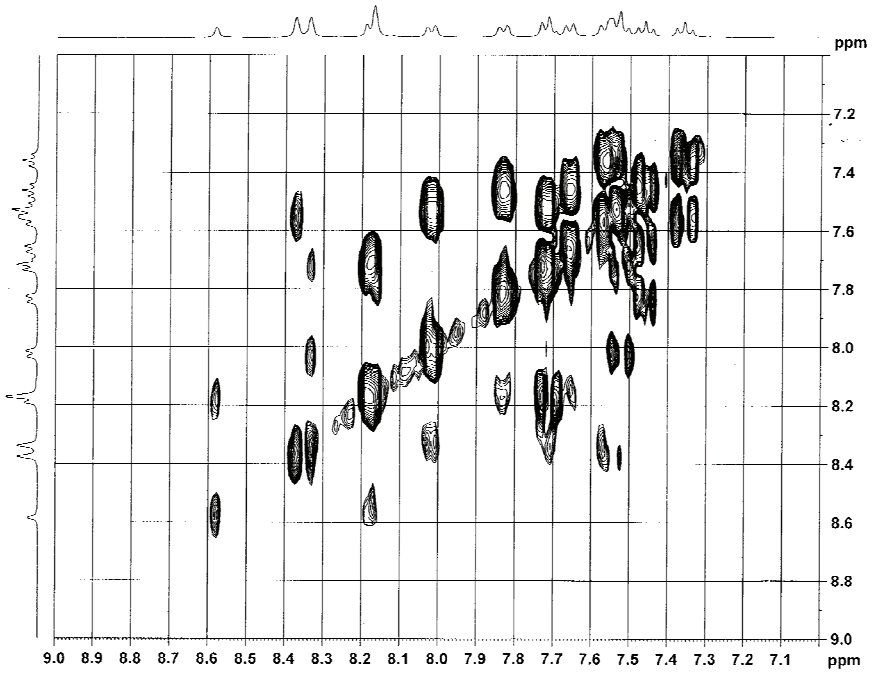

Fig. S13 Partial COSY spectrum (400 MHz) of **T3** (10 mM) in DMSO-d_6 at 25 °C.

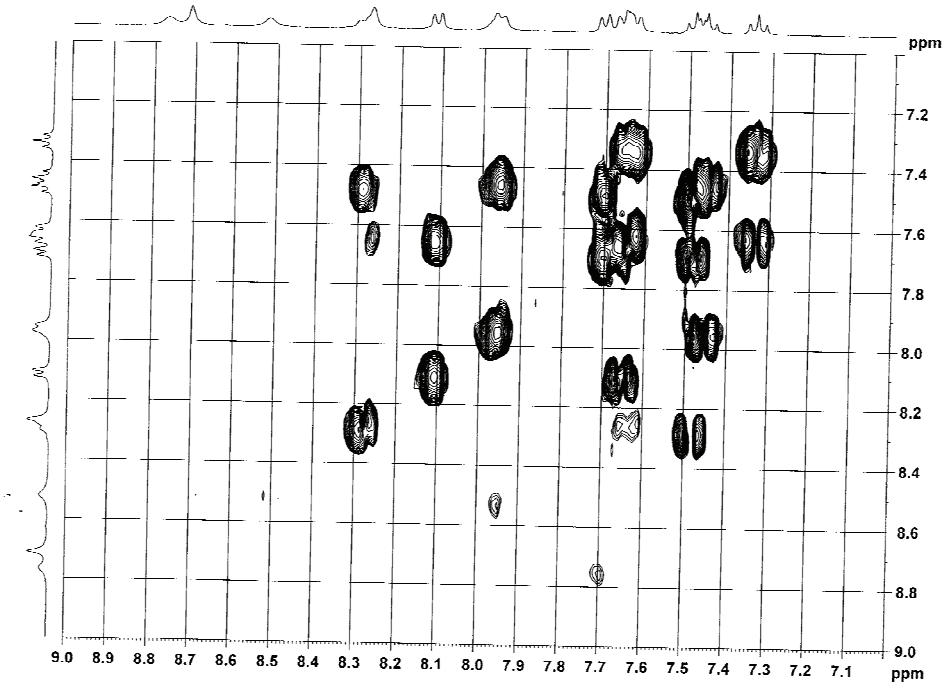

Fig. S14 Partial COSY spectrum (400 MHz) of the mixture of **T3** (10 mM) + **10** (10 mM) in DMSO-d_6 at 25 °C.

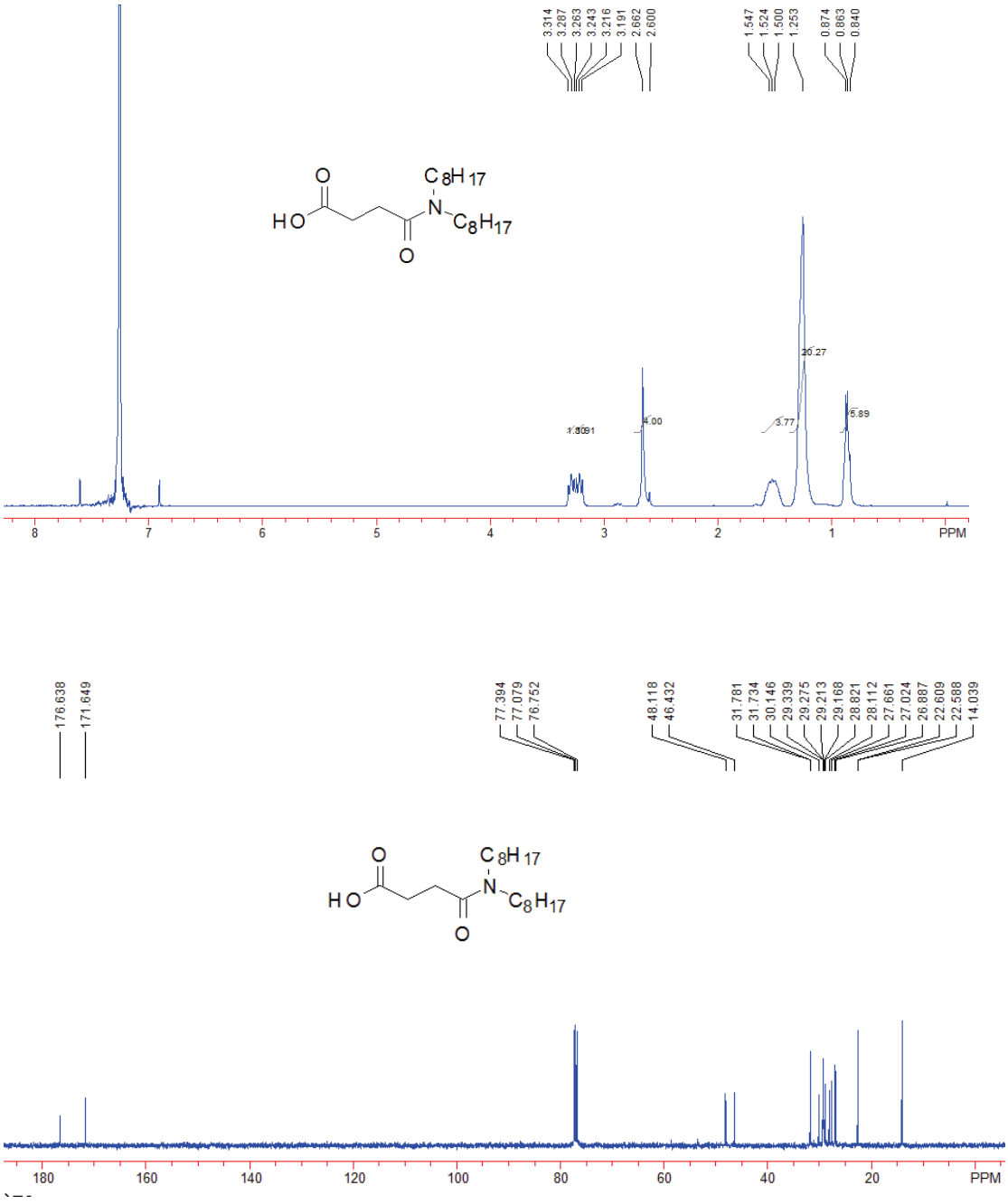

Fig. S15 ^{1}H NMR and ^{13}C NMR spectra of compound **3** in $CDCl_3$.

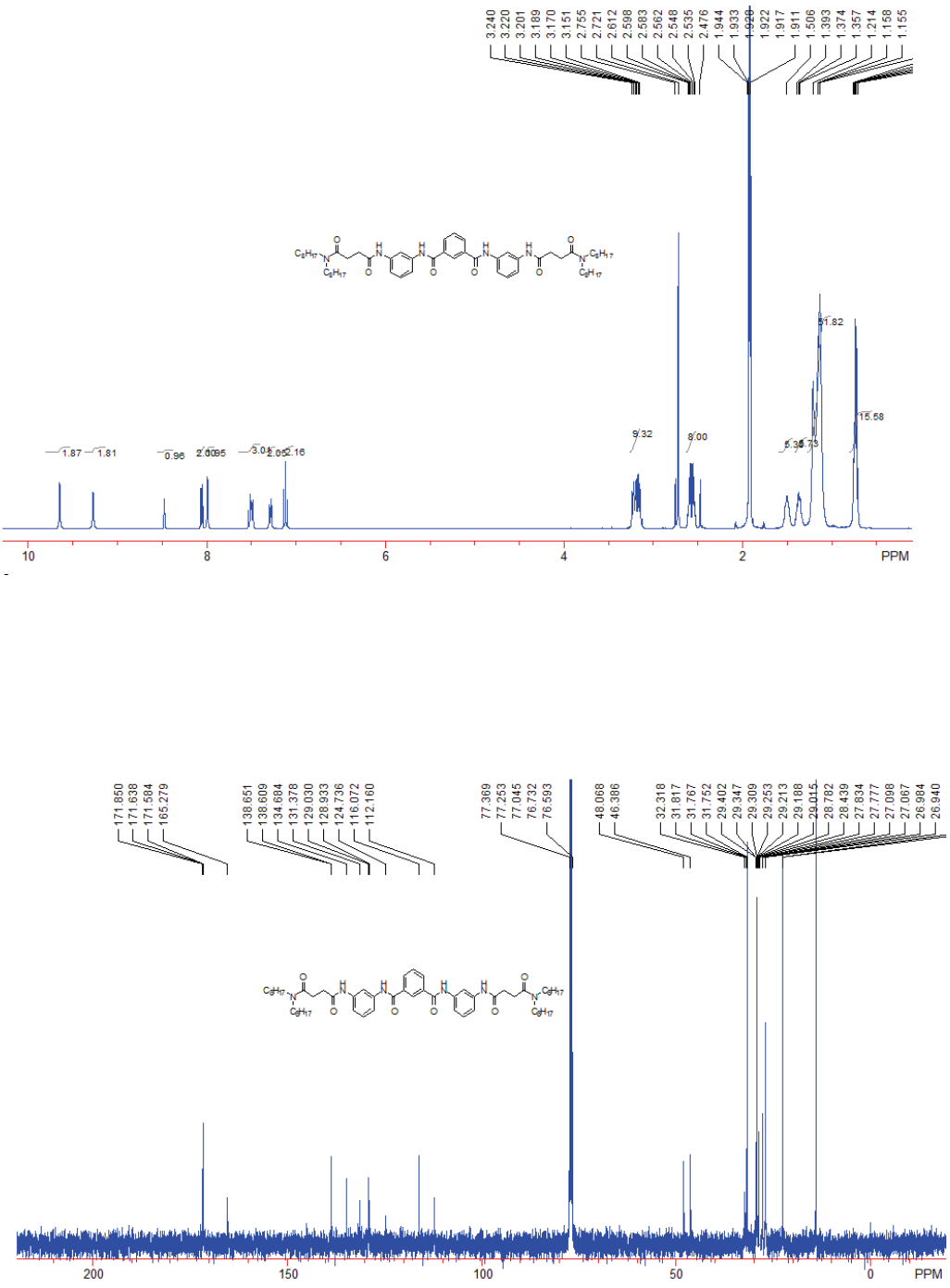

Fig. S16 ^{1}H NMR and ^{13}C NMR spectra of compound **T1** in DMSO-d_6.

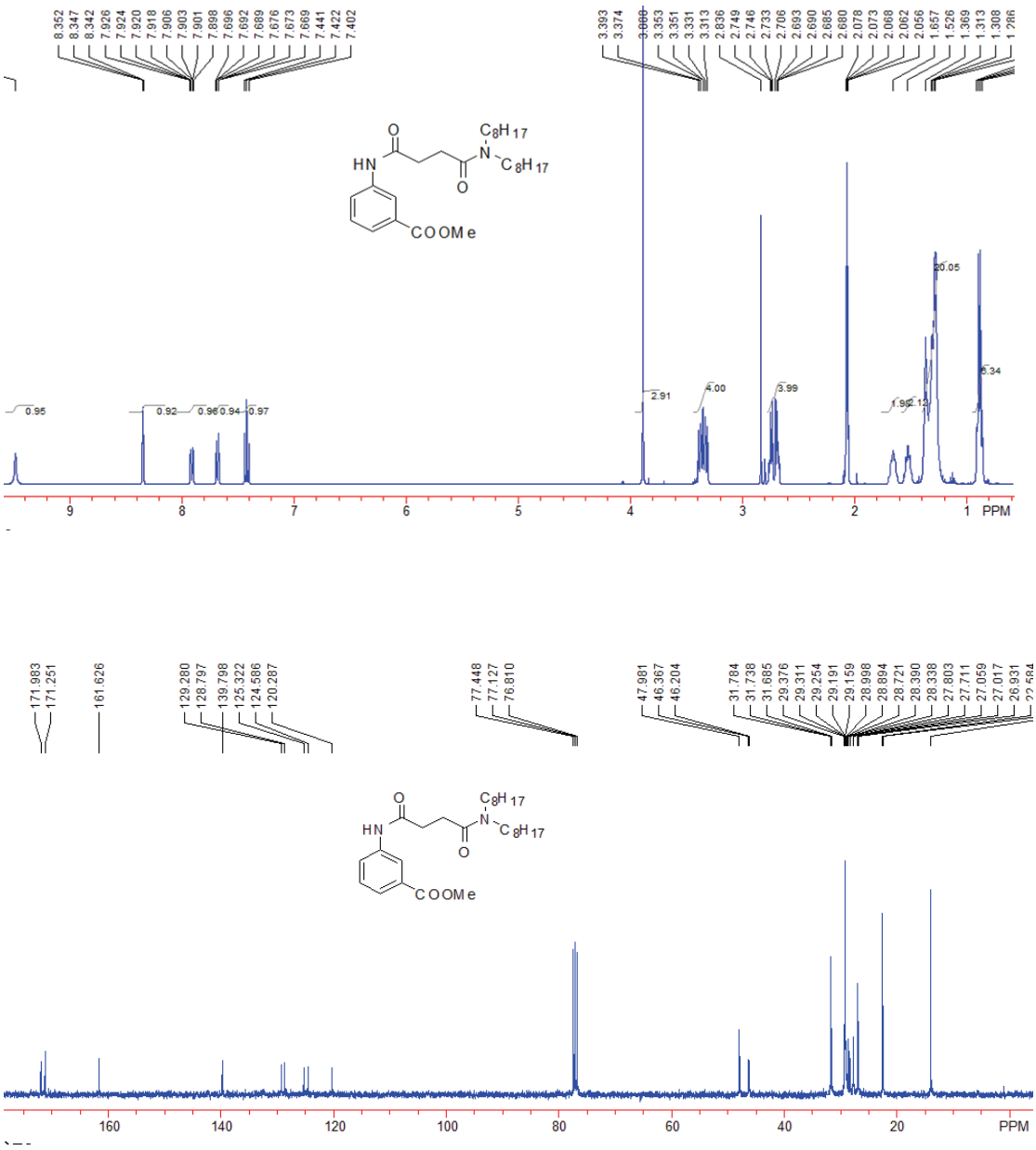

Fig. S17 ^{1}H NMR and ^{13}C NMR spectra of compound **6** in DMSO-d_6.

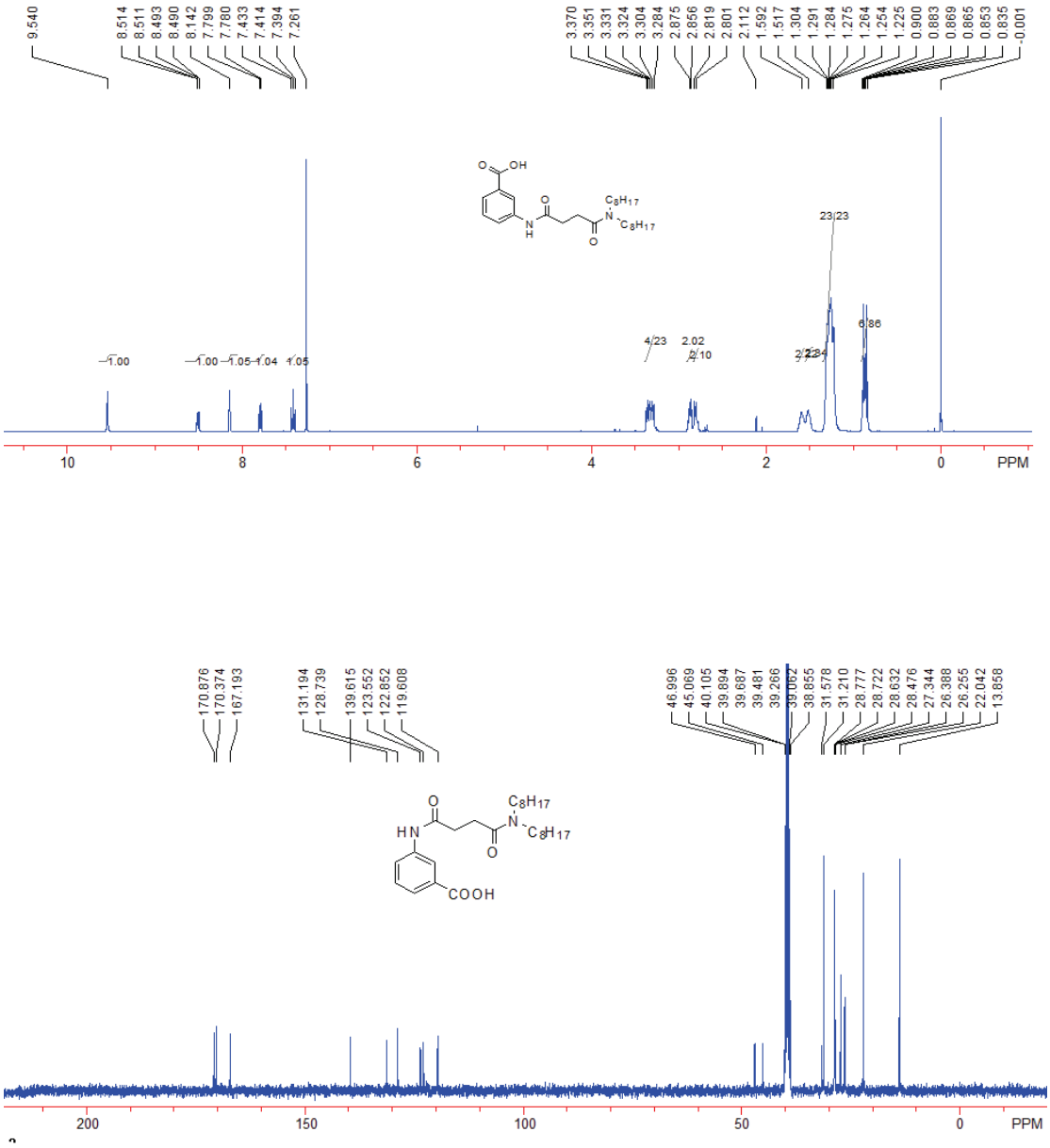

Fig. S18 ^{1}H NMR and ^{13}C NMR spectra of compound **7** in acetone-d_6.

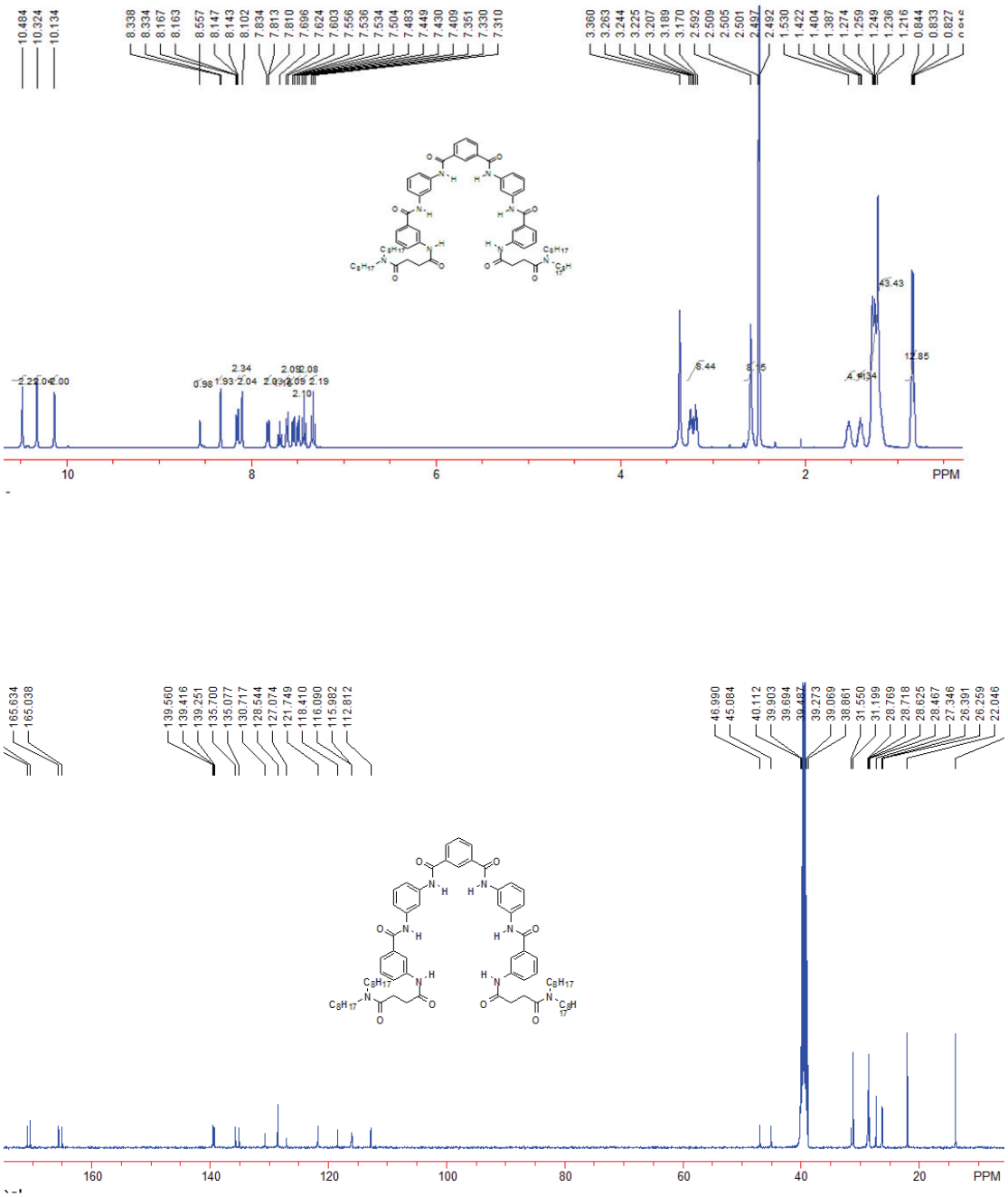

Fig. S19 ^{1}H NMR and ^{13}C NMR spectra of compound **T2** in DMSO-d_6.

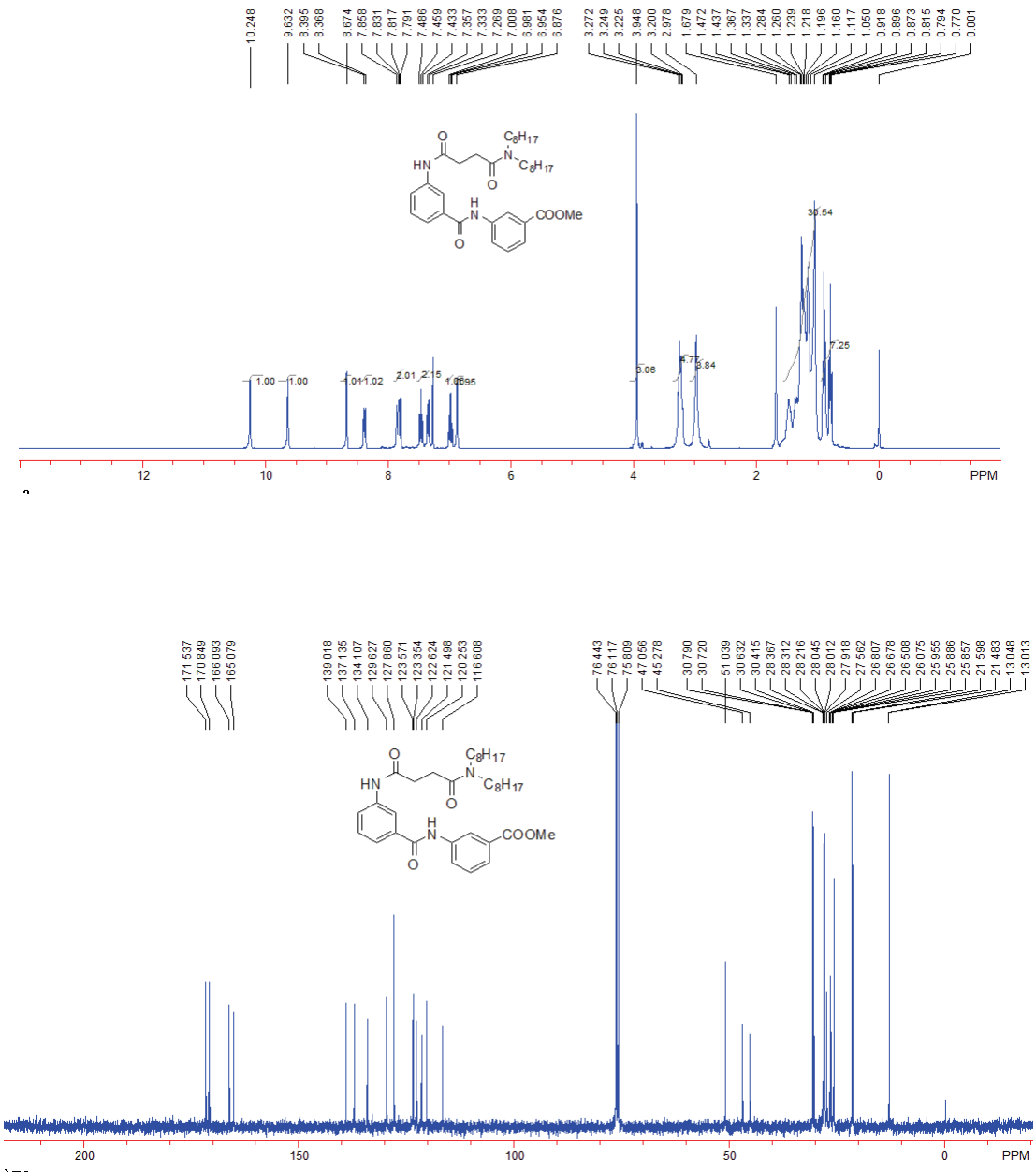

Fig. S20 ^{1}H NMR and ^{13}C NMR spectra of compound **8** in $CDCl_3$.

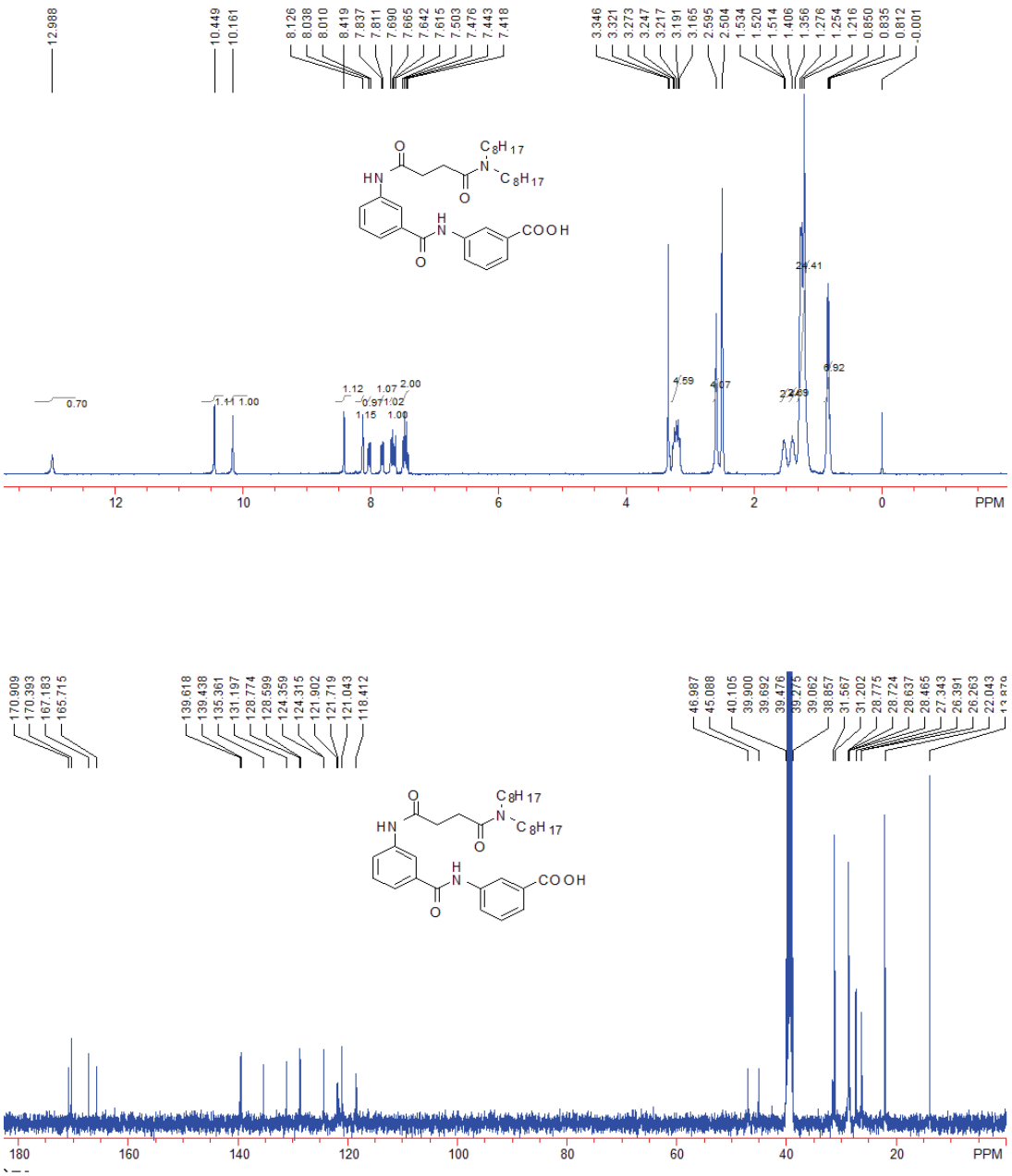

Fig. S21 ^{1}H NMR and ^{13}C NMR spectra of compound **9** in DMSO-d_6.

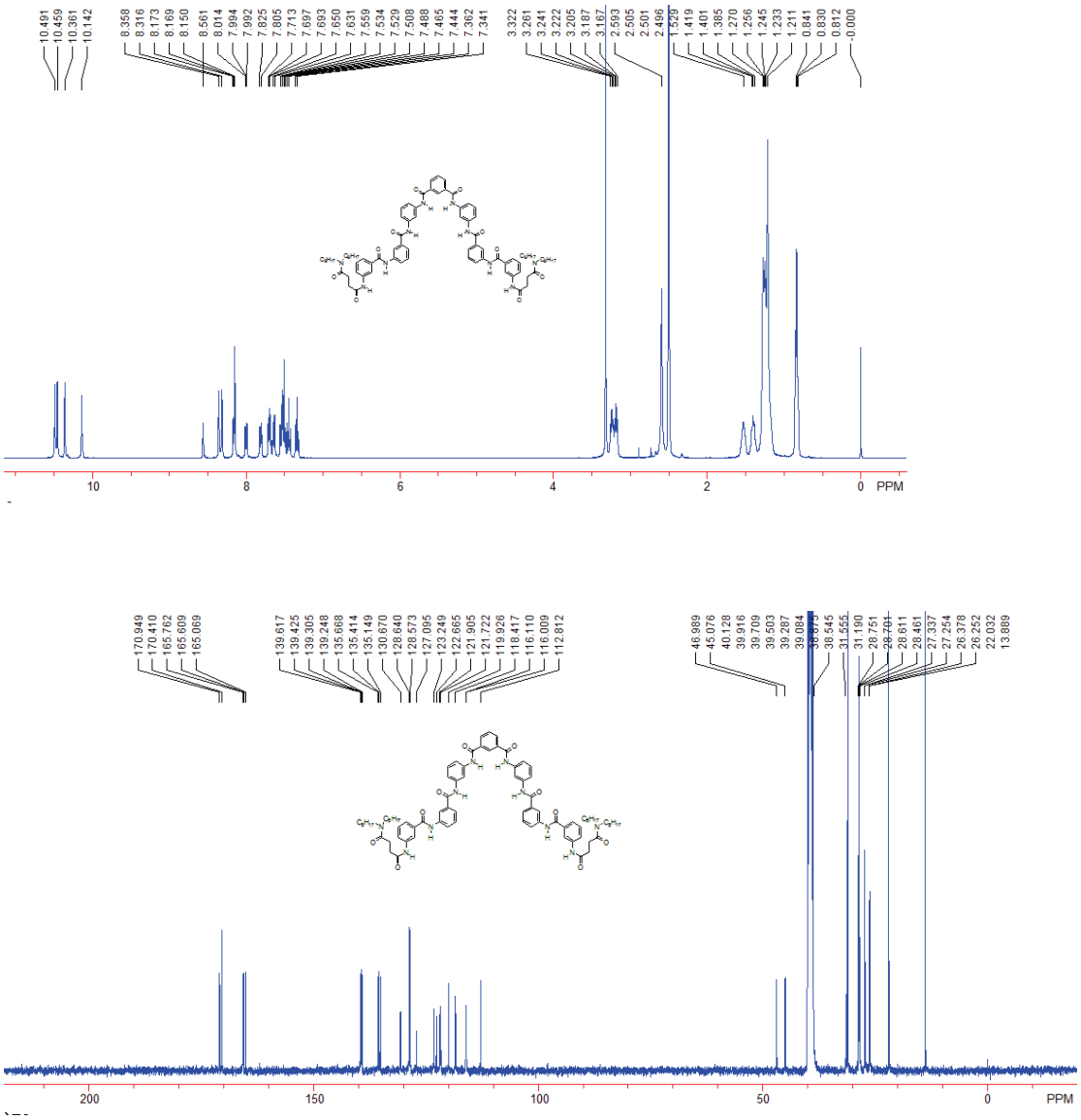

Fig. S22 ^{1}H NMR and ^{13}C NMR spectra of compound **T3** in DMSO-d_6.

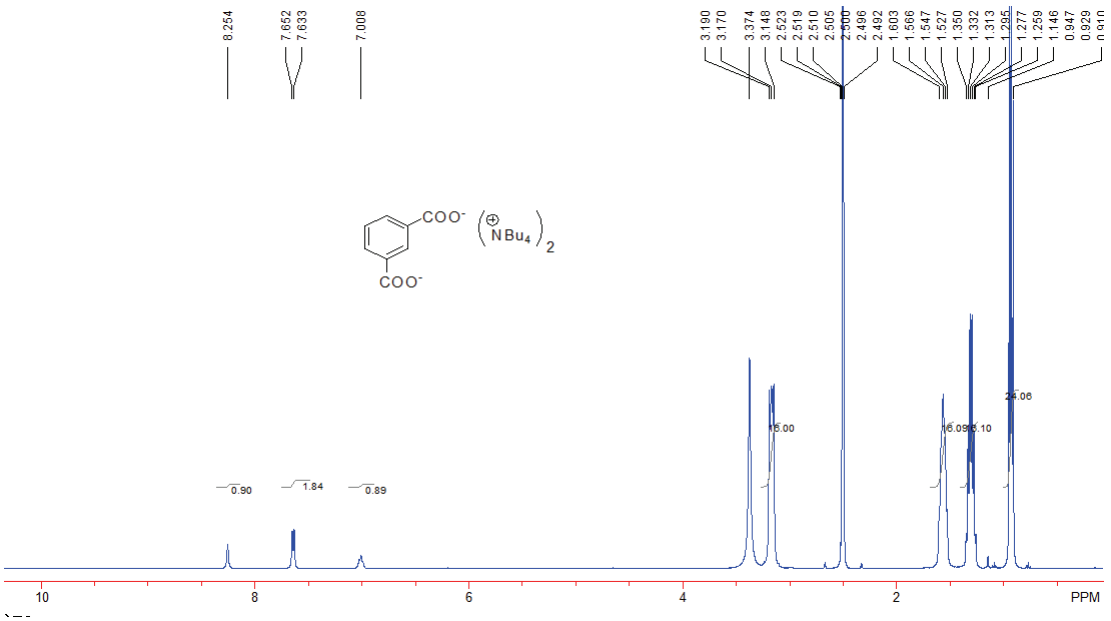

Fig. S23 ^{1}H NMR spectrum of compound **11** in DMSO-d_6.

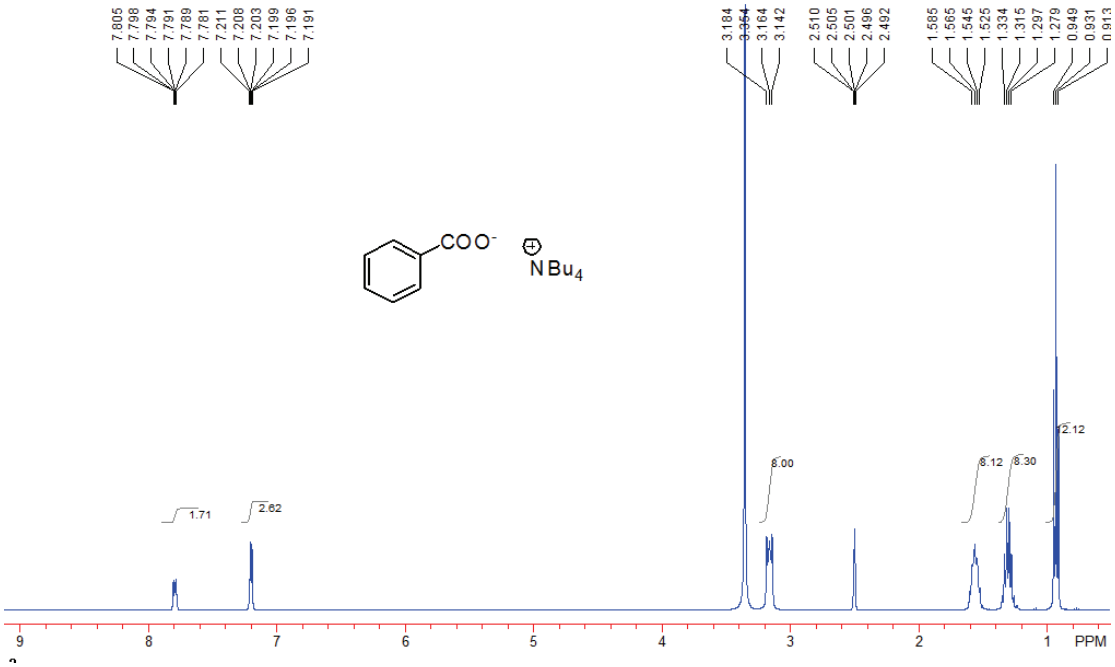

Fig. S24 ^{1}H NMR spectrum of compound **12** in DMSO-d_6.

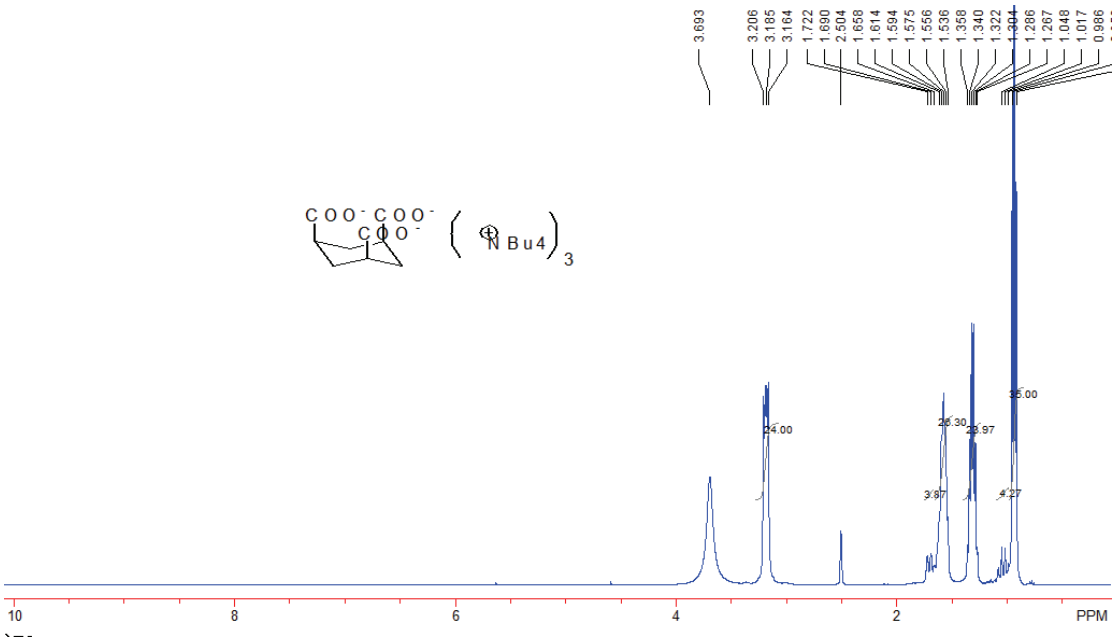

Fig. S25 ^{1}H NMR spectrum of compound **13** in DMSO-d_6.

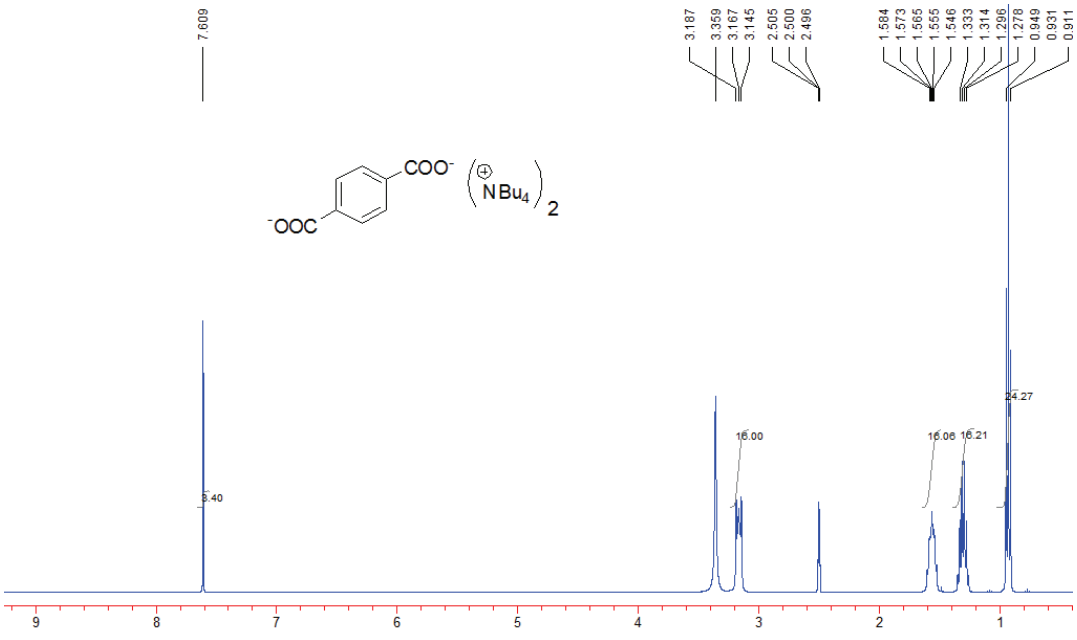

Fig. S26 ^{1}H NMR spectra of compound **14** in DMSO-d_6.

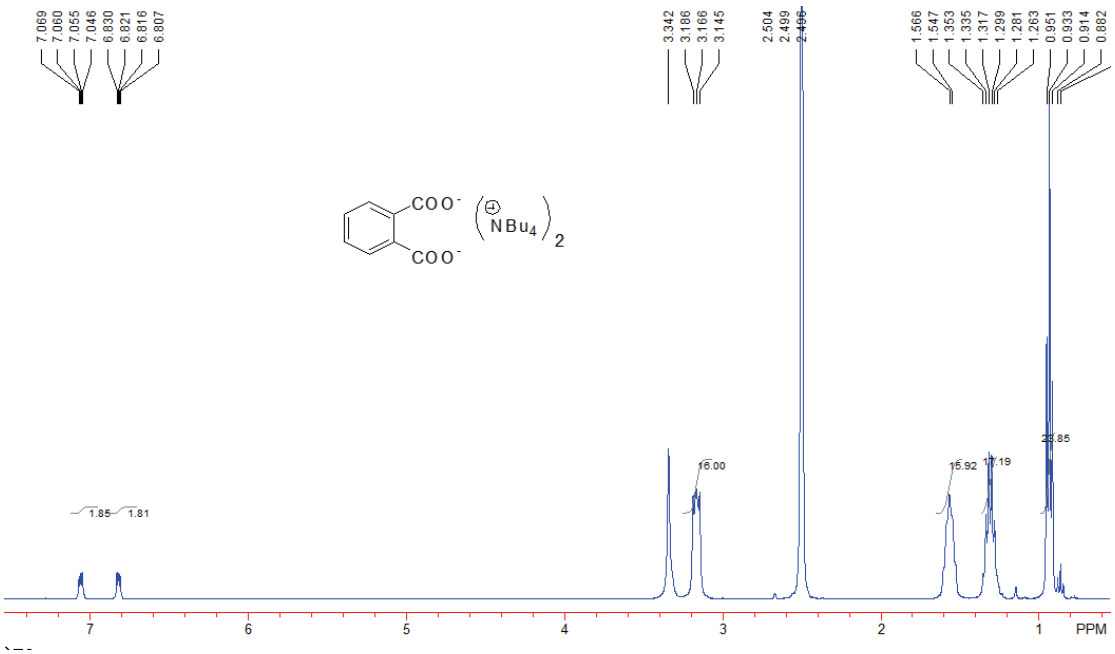

Fig. S27 ^{1}H NMR spectrum of compound **15** in DMSO-d_6.

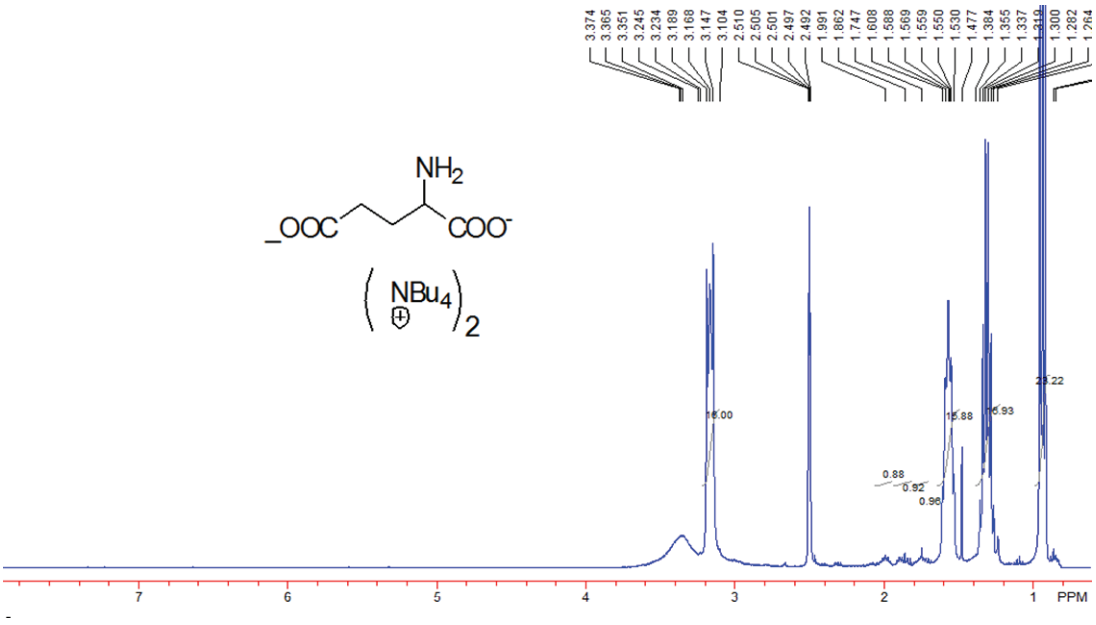

Fig. S28 ^{1}H NMR spectrum of compound L-**16** in DMSO-d_6.