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Supplementary Information

Long Alkyl Chain bis-Quaternary Ammonium-based Ionic Liquids as Biologically Active Xanthenes Dyes

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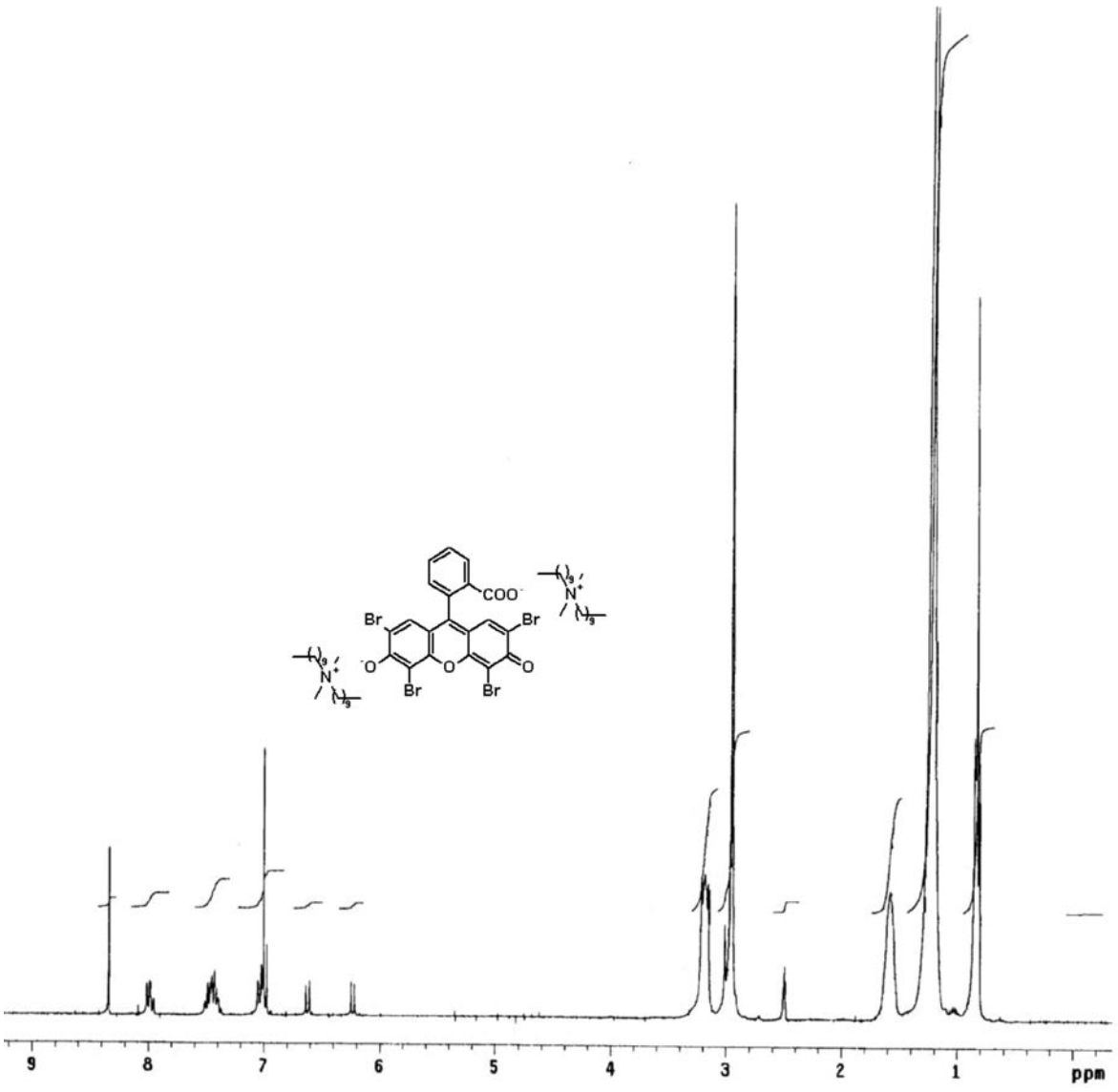

Figure S1. ^{1}H NMR spectrum (300 MHz, DMSO-d_6) of compound **2**.

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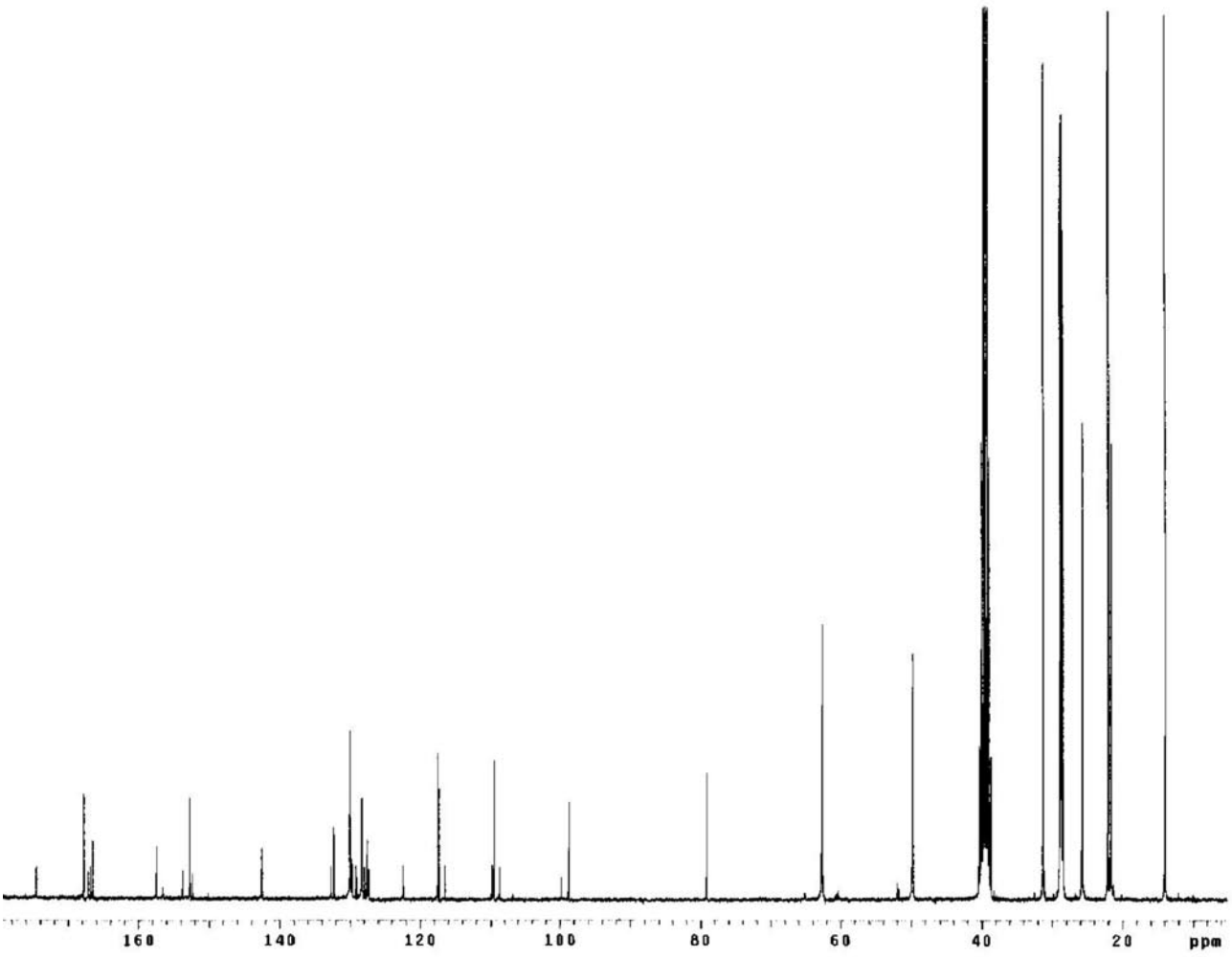

Figure S2. ^{13}C NMR spectrum (300 MHz, DMSO-d_6) of compound **2**.

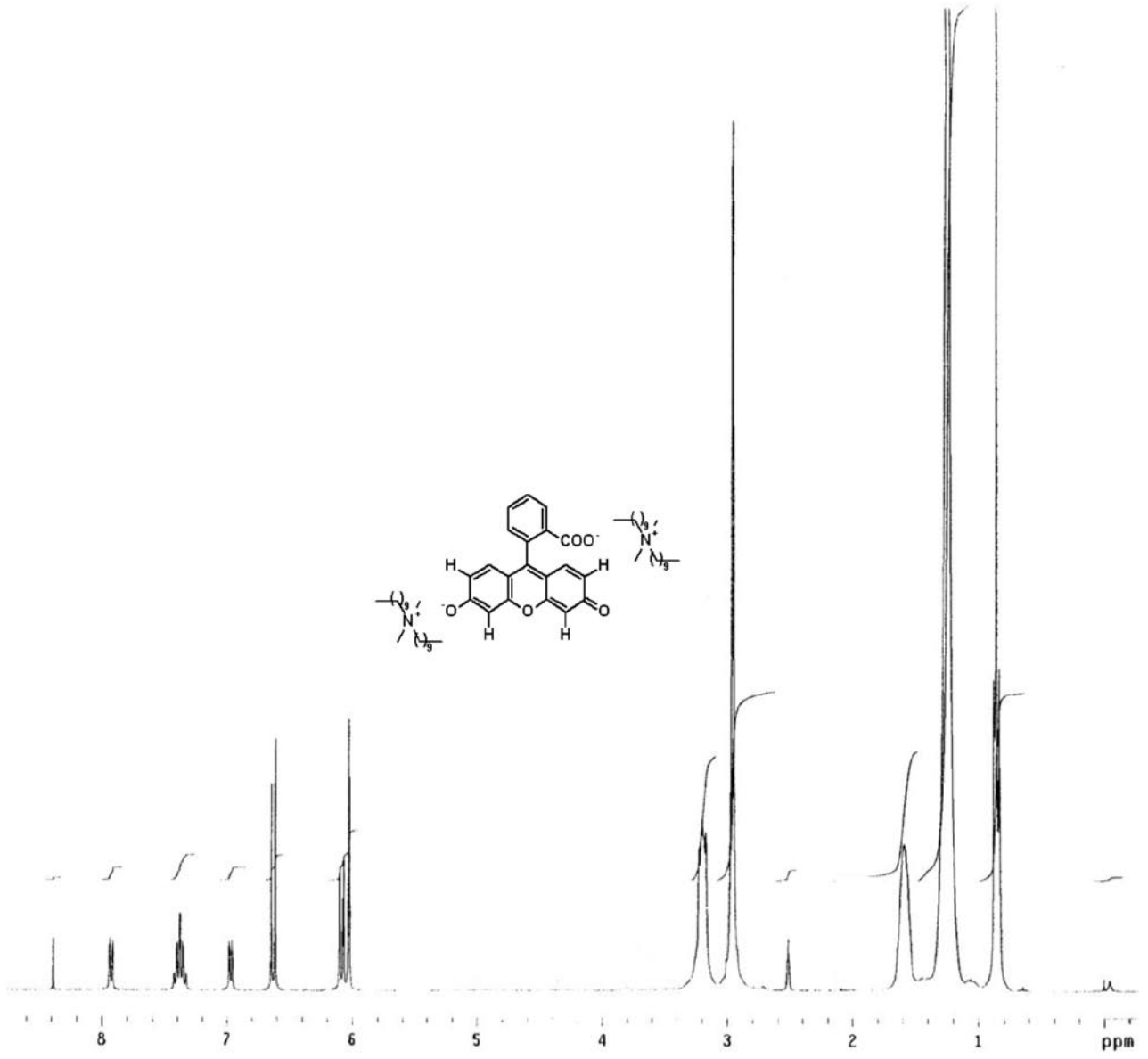

Figure S3. ^{1}H NMR spectrum (300 MHz, DMSO-d_6) of compound **5**.

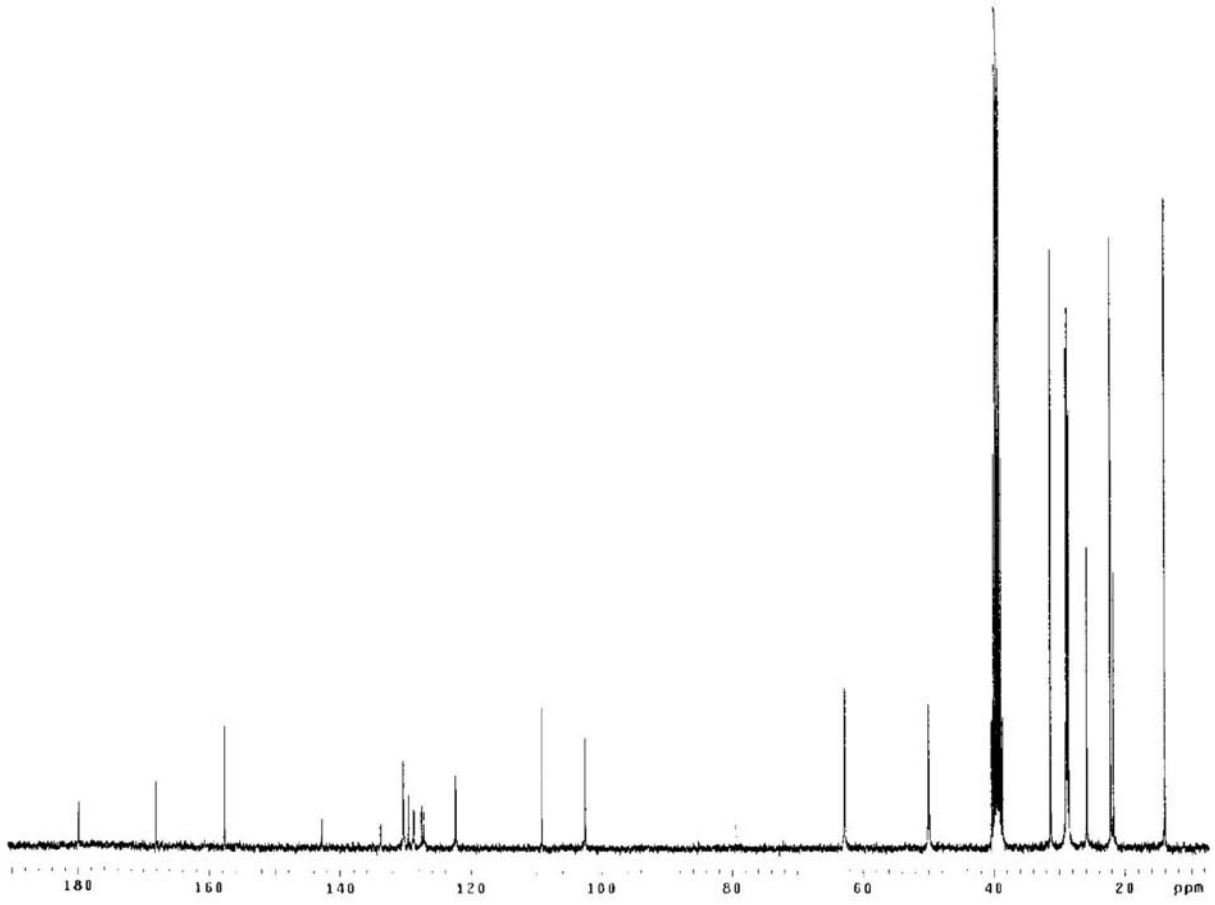

Figure S4. ^{13}C NMR spectrum (300 MHz, DMSO-d_6) of compound **5**.

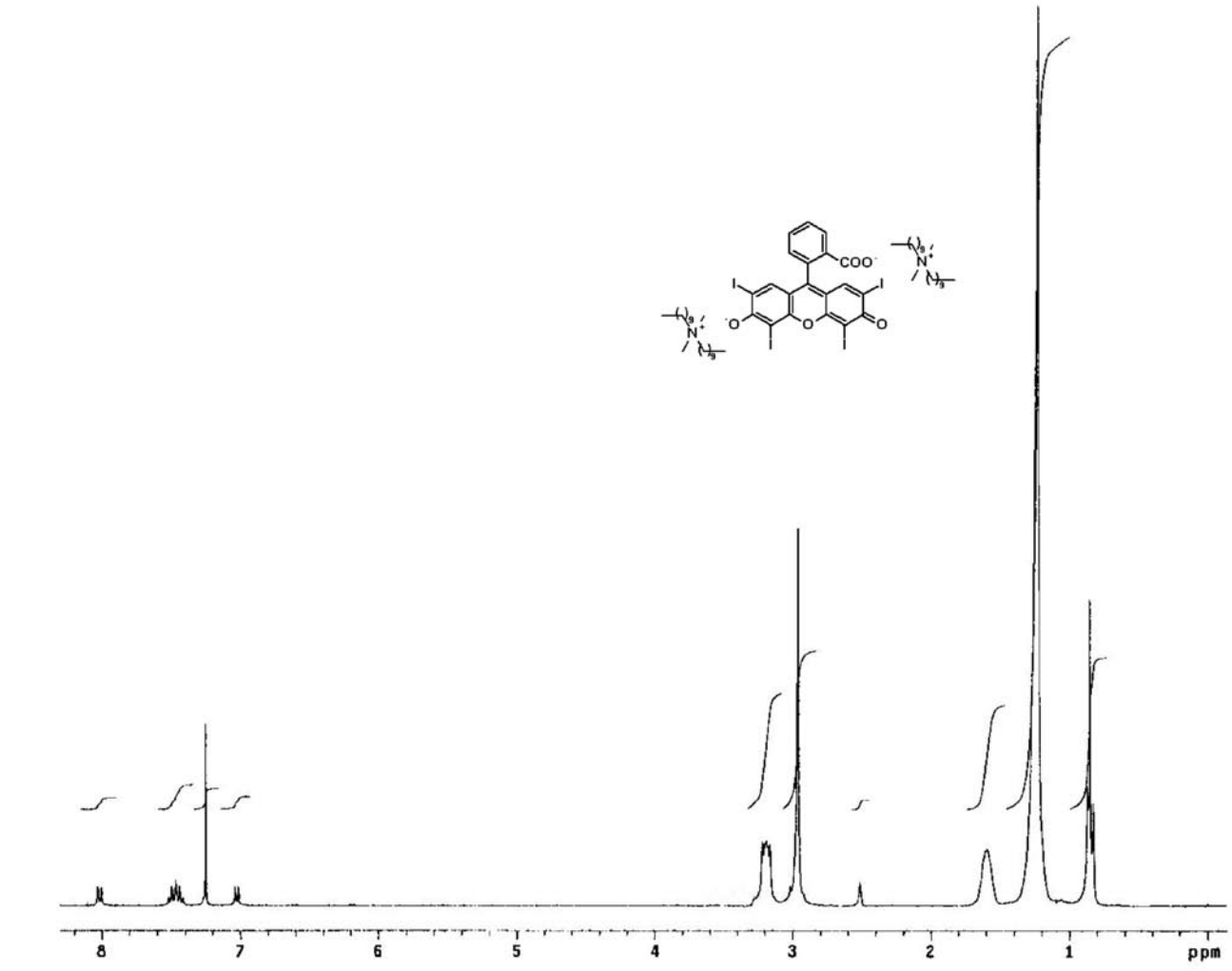

Figure S5. ^{1}H NMR spectrum (300 MHz, DMSO-d_6) of compound **8**.

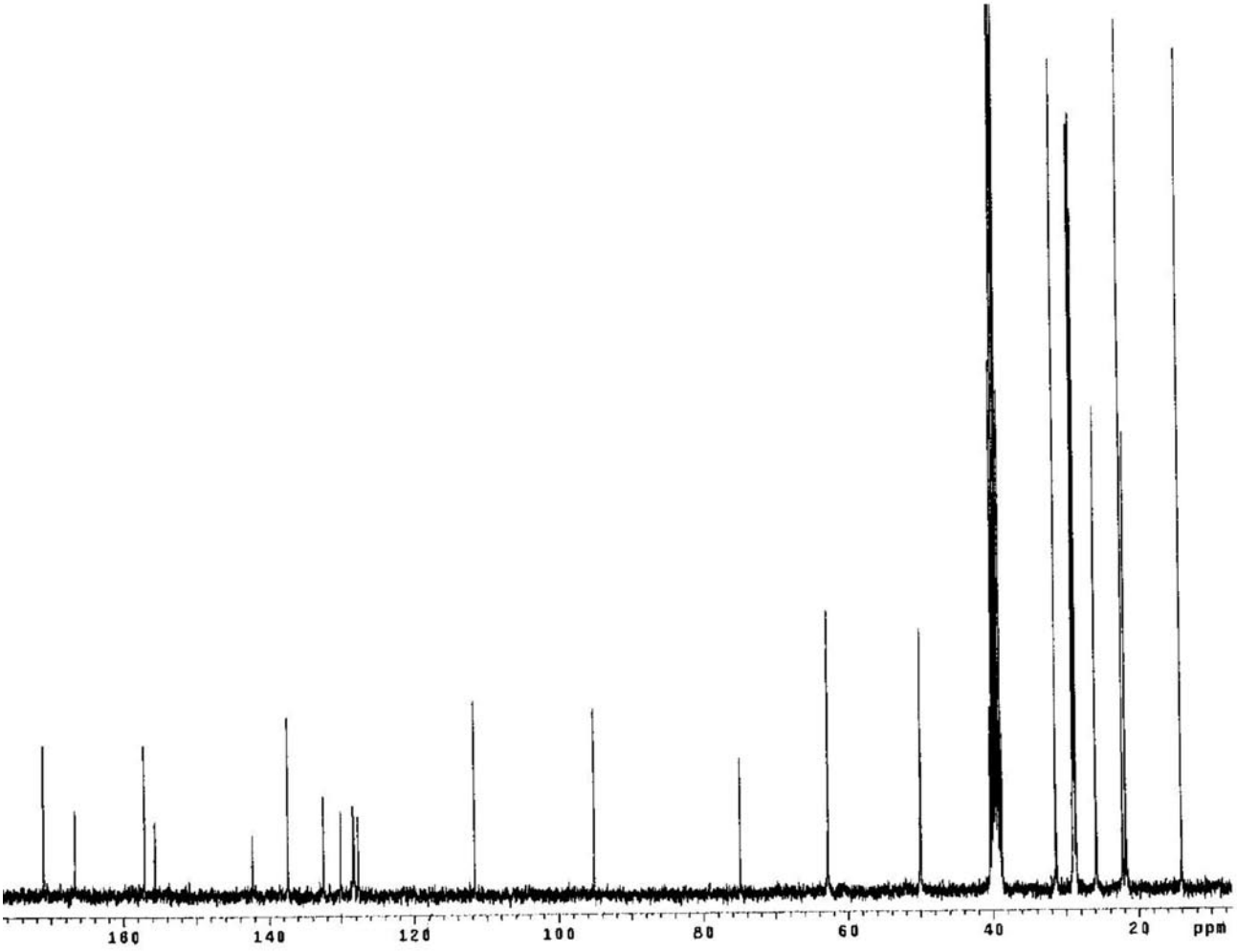

Figure S6. ^{13}C NMR spectrum (300 MHz, DMSO-d_6) of compound **8**.

Figure S7. 1% solution of compound **1** in chloroform.

Figure S10. 1% solution of compound **1** in acetone.

Figure S8. 1% solution of compound **4** in chloroform.

Figure S11. 1% solution of compound **4** in acetone.

Figure S9. 1% solution of compound **7** in chloroform.

Figure S12. 1% solution of compound **7** in acetone.