

Supplementary Materials

Exerting DNA Damaging Effects of the Ilimaquinones through the Active Hydroquinone Species

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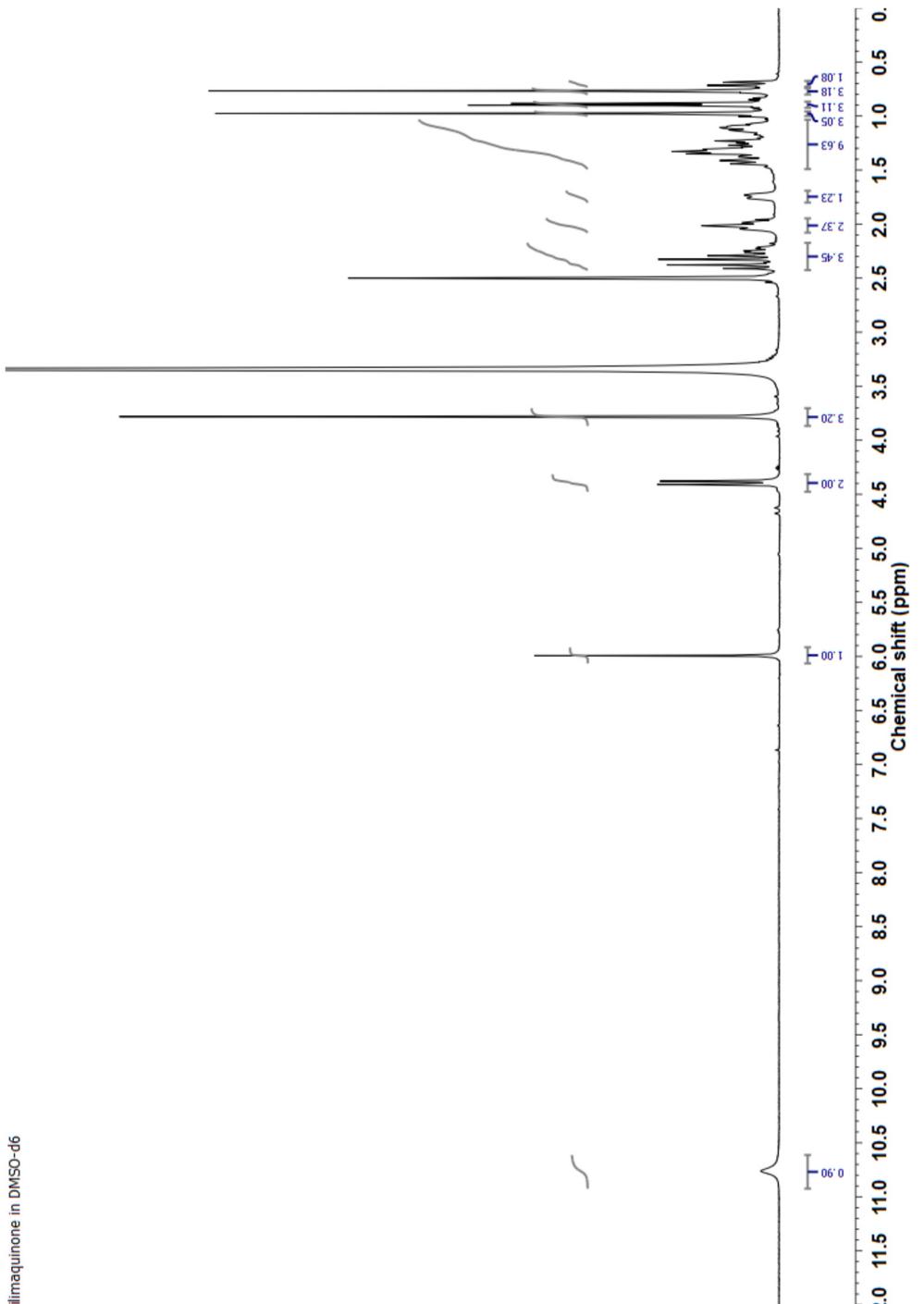


Figure S1 ¹H NMR spectrum of **1** (500 MHz, DMSO-*d*₆)

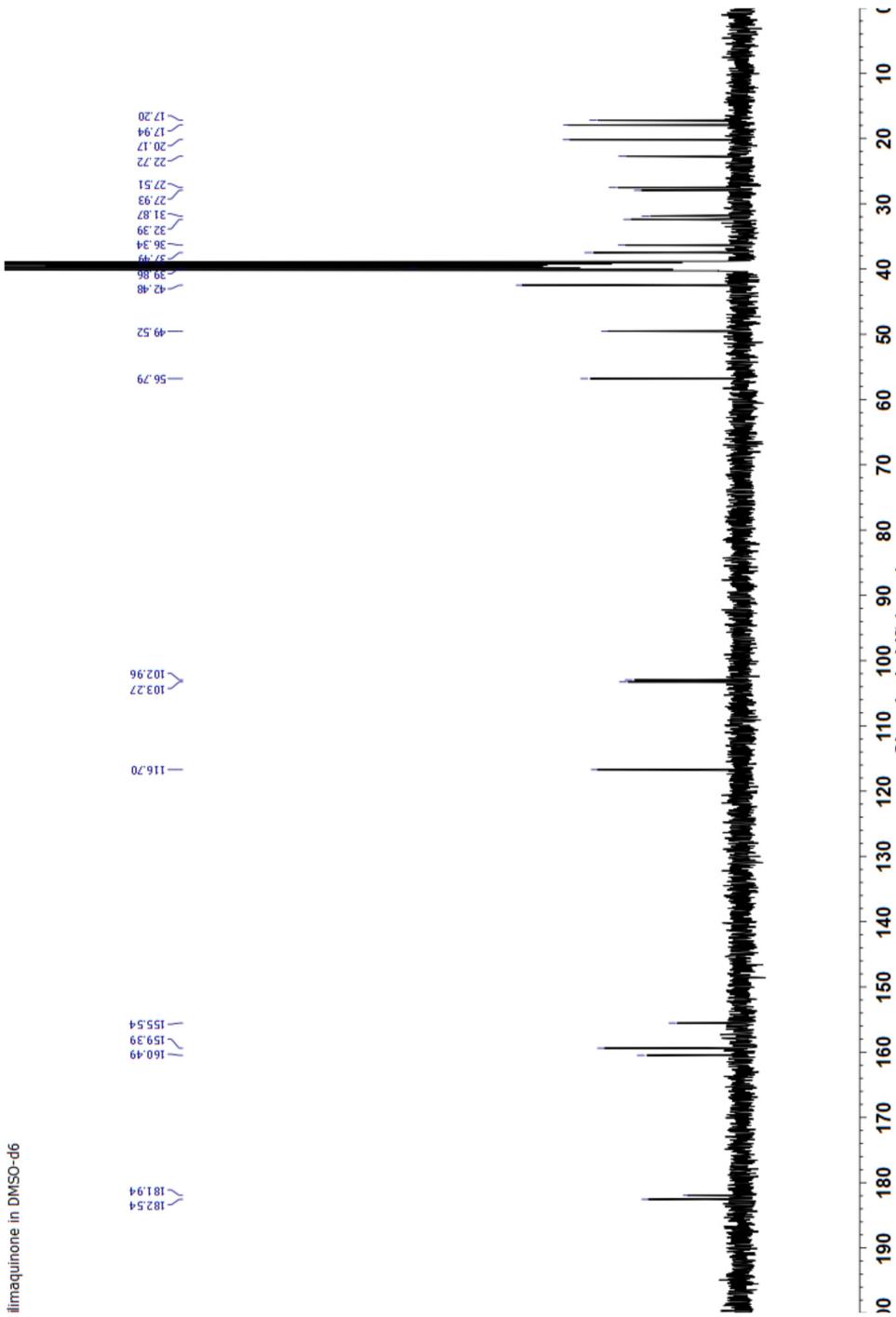


Figure S2 ¹³C NMR spectrum of **1** (125 MHz, DMSO-*d*₆)

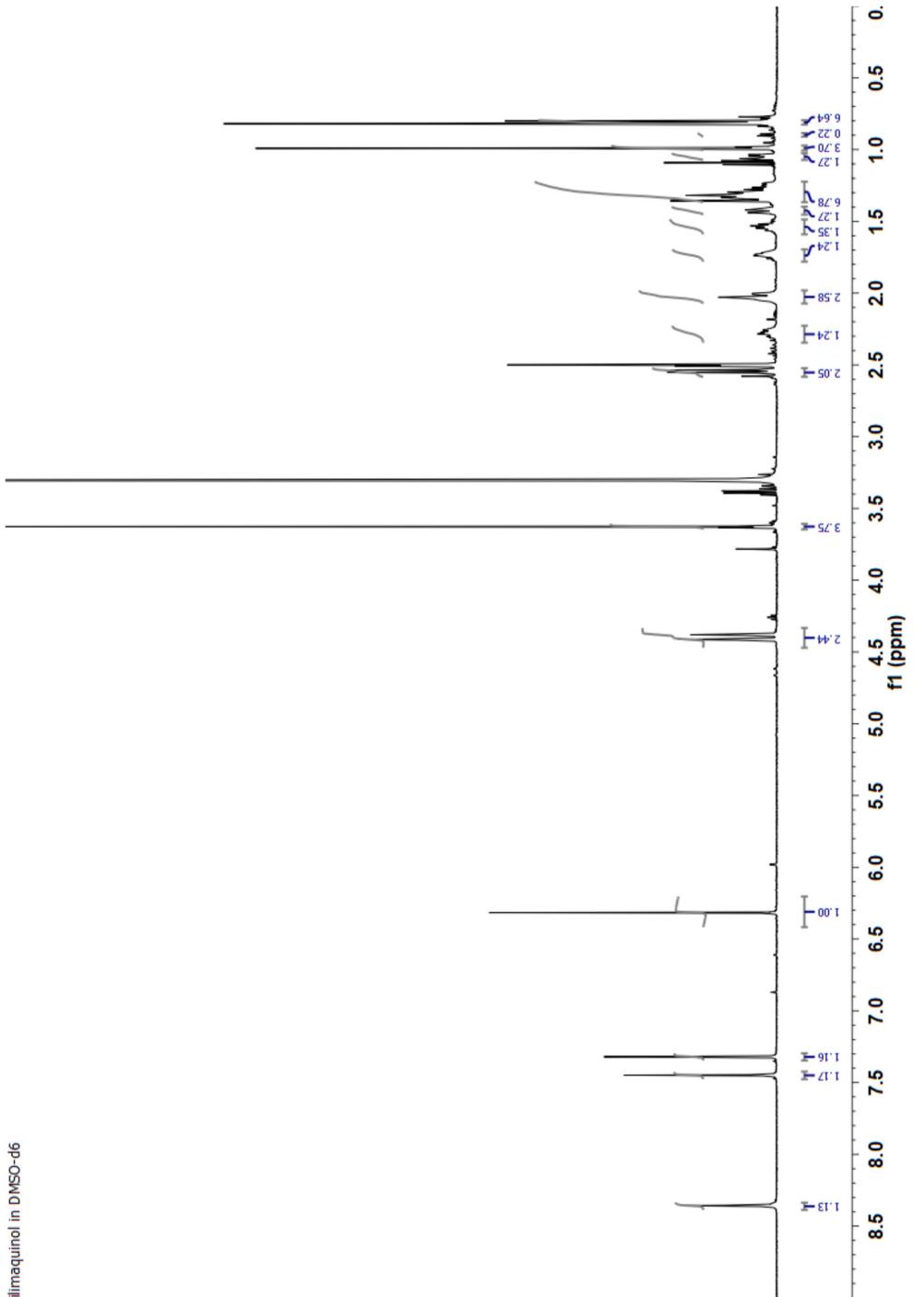


Figure S3 ¹H NMR spectrum of 2 (500 MHz, DMSO-*d*₆)

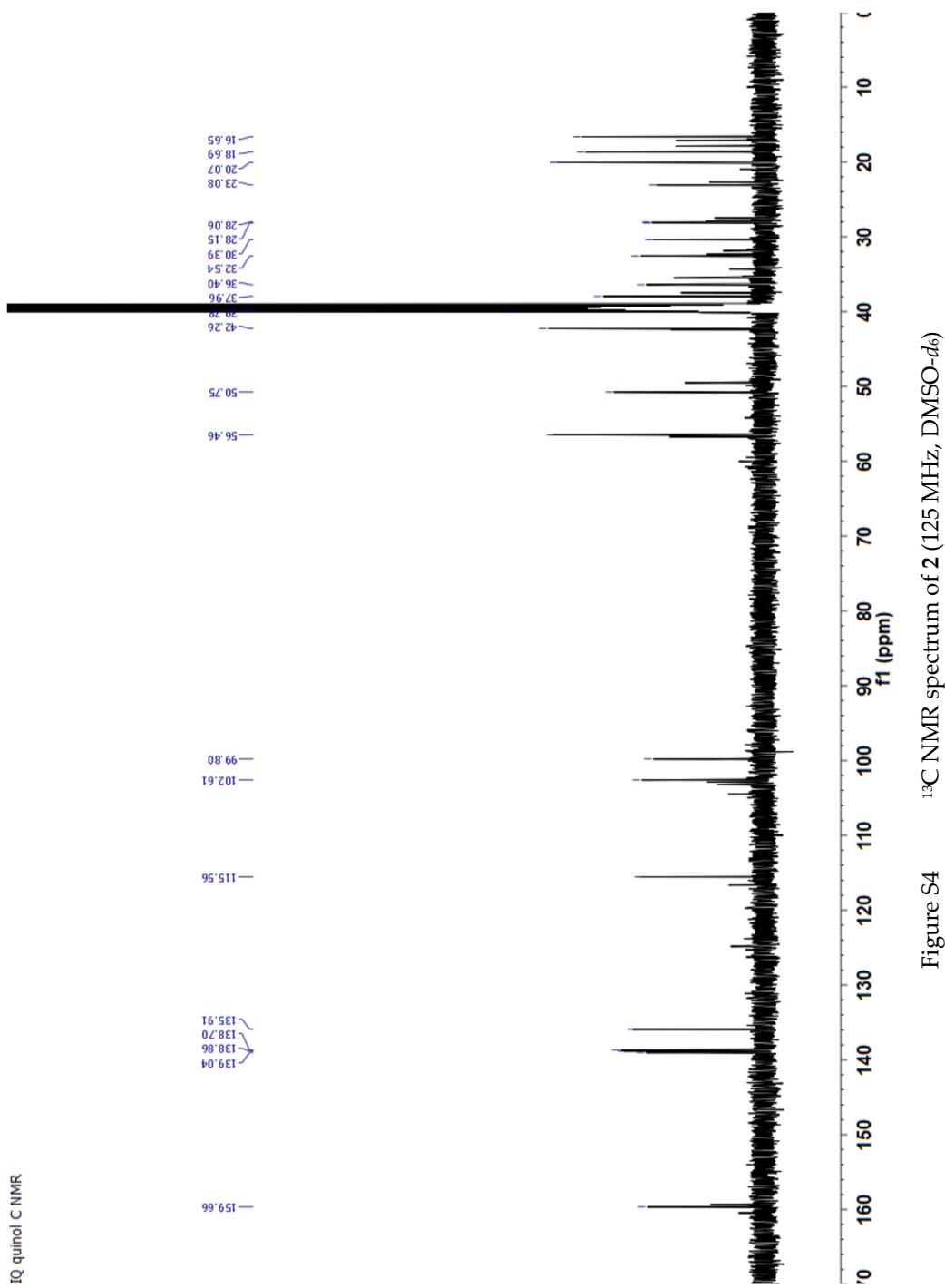


Figure S4 ^{13}C NMR spectrum of **2** (125 MHz, $\text{DMSO}-d_6$)

limaconone triacetate H NMR

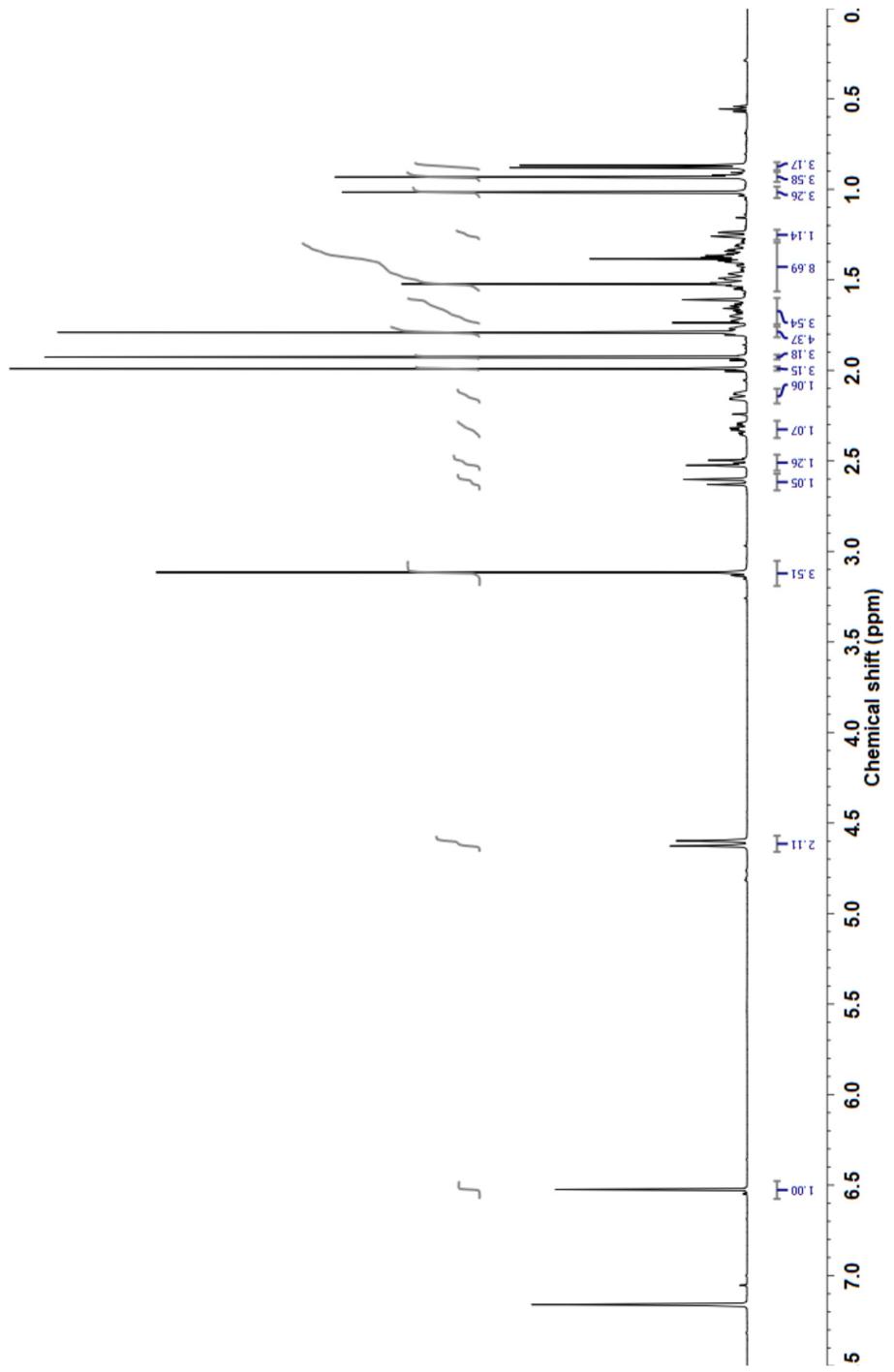


Figure S5 ¹H NMR spectrum of 3 (500 MHz, benzene-*d*₆)

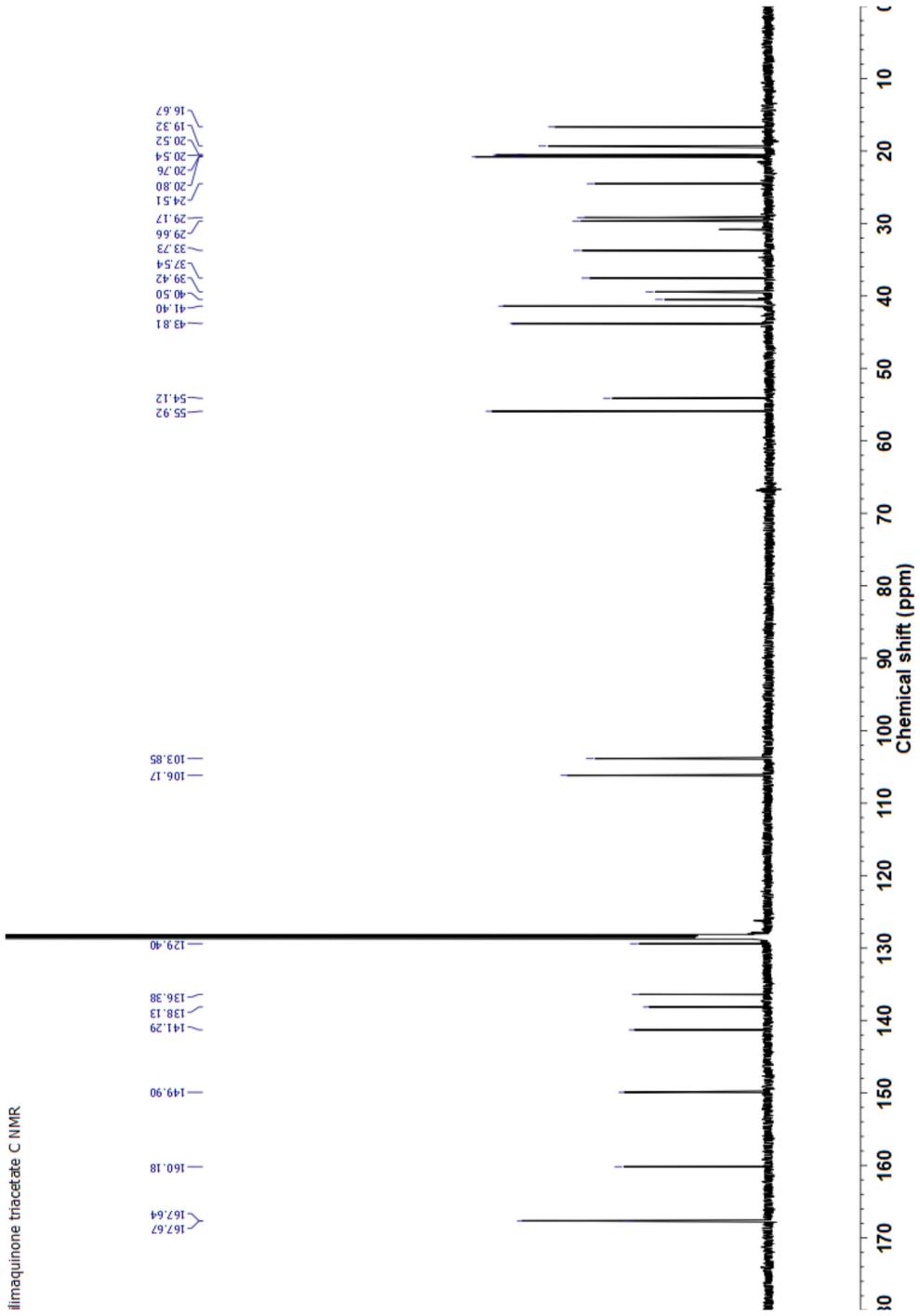


Figure S6 ^{13}C NMR spectrum of **3** (125 MHz, benzene- d_6)

5-epi-ilimaquinone in DMSO-*d*₆

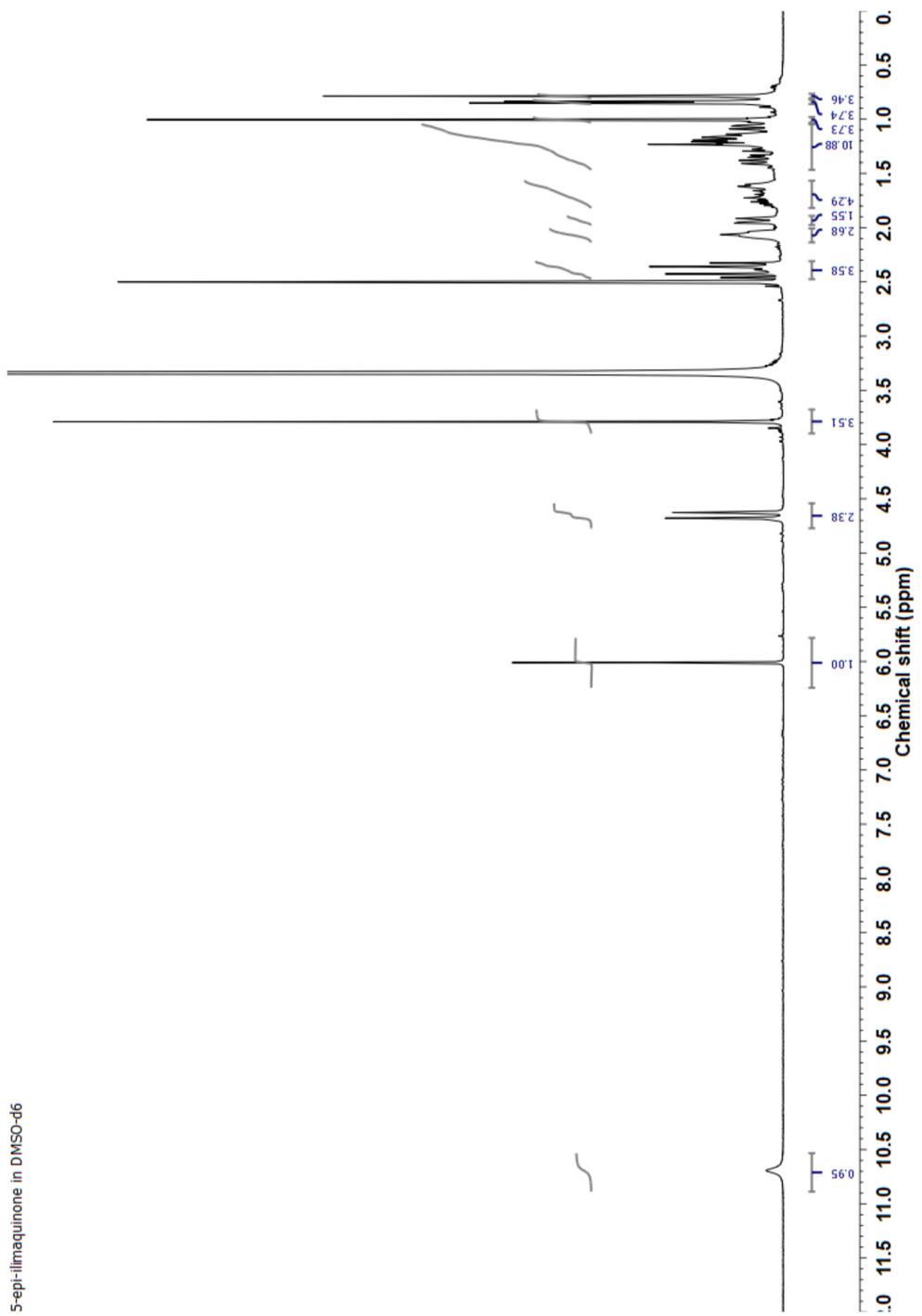


Figure S7 ¹H NMR spectrum of **4** (500 MHz, DMSO-*d*₆)

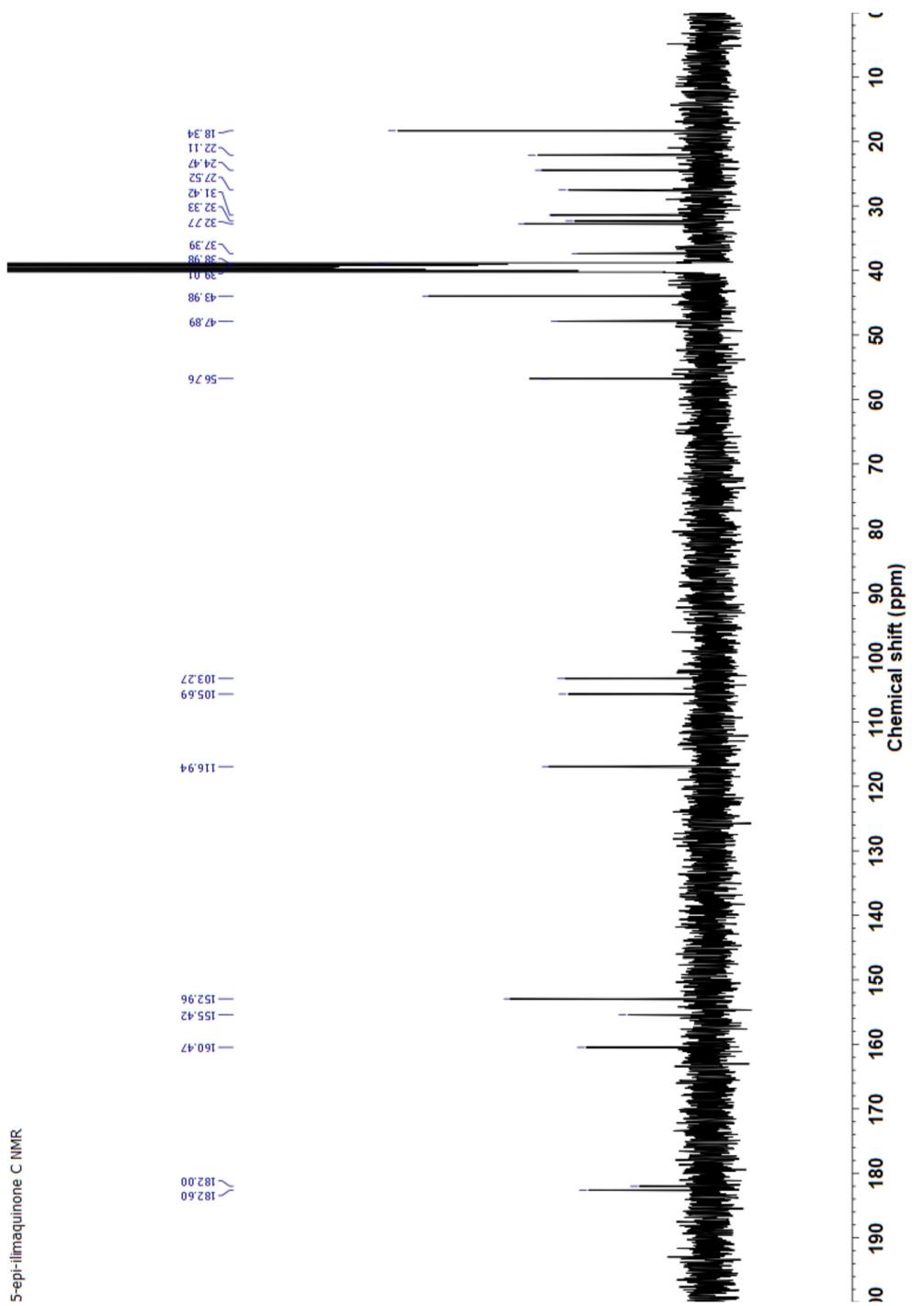


Figure S8 ^{13}C NMR spectrum of **4** (125 MHz, $\text{DMSO}-d_6$)

5-IQ quinol H NMR

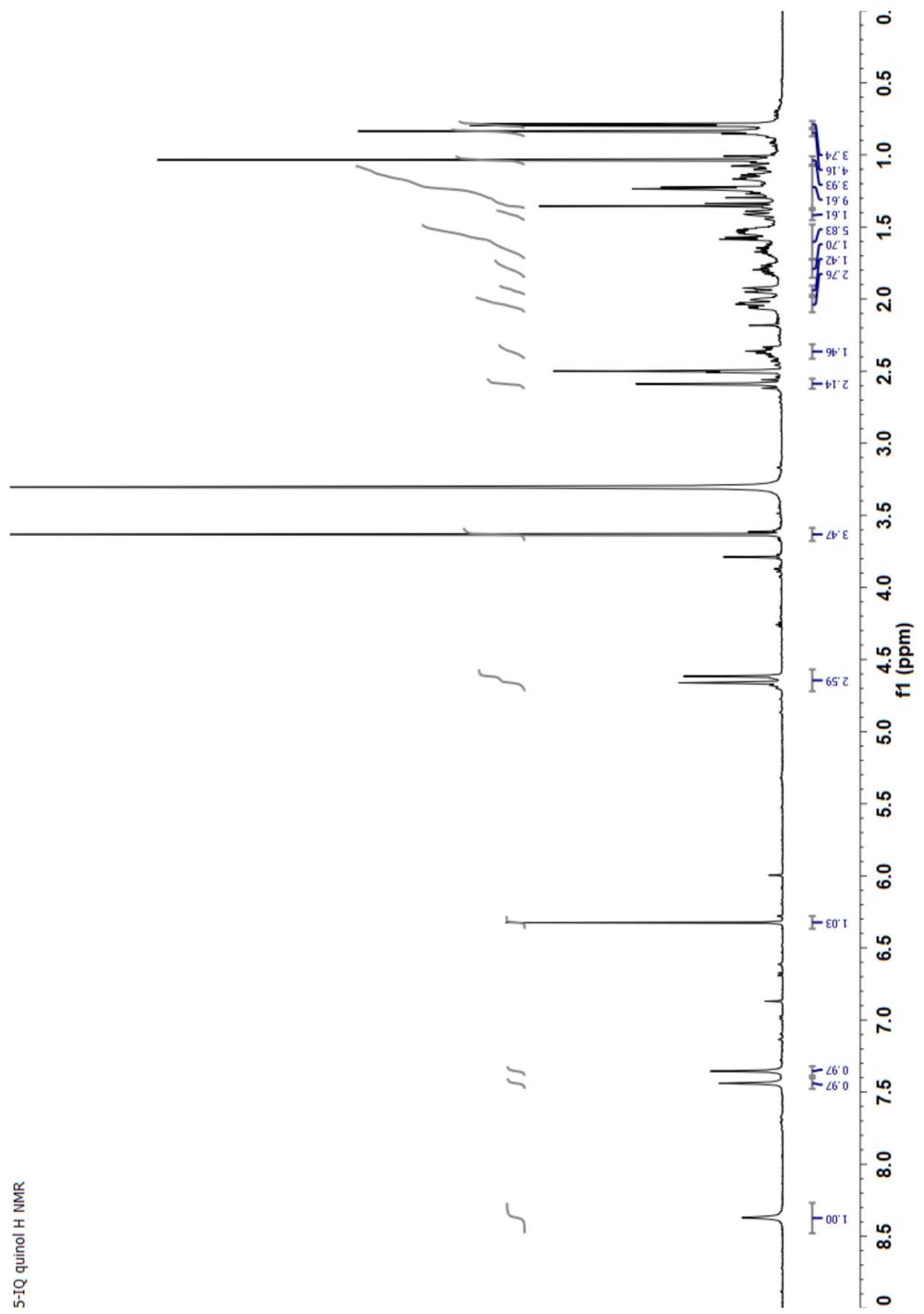


Figure S9 ^1H NMR spectrum of 5 (500 MHz, $\text{DMSO}-d_6$)

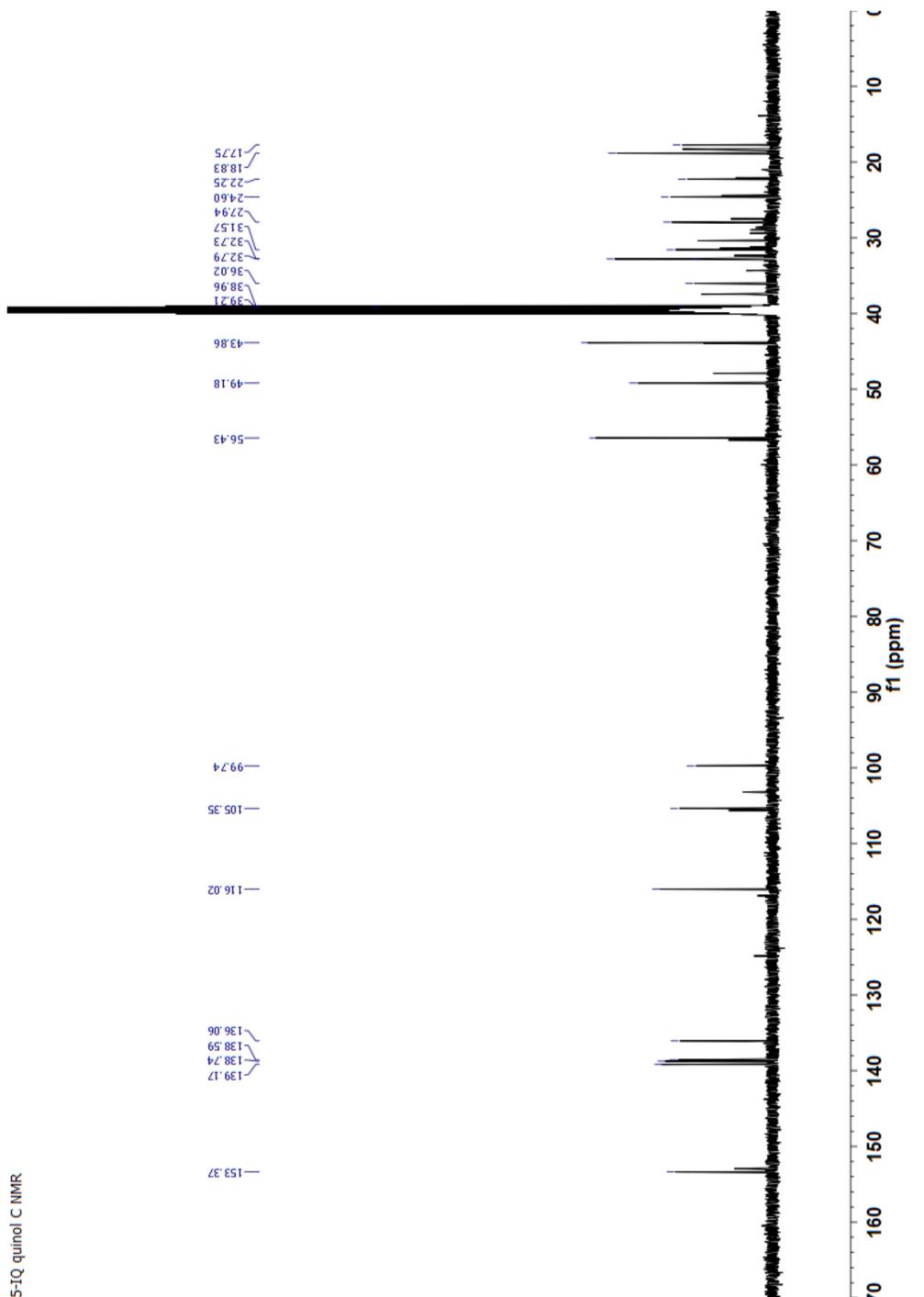


Figure S10 ^{13}C NMR spectrum of 5 (125 MHz, $\text{DMSO-}d_6$)

5-epi-illimaquinone triacetate H NMR

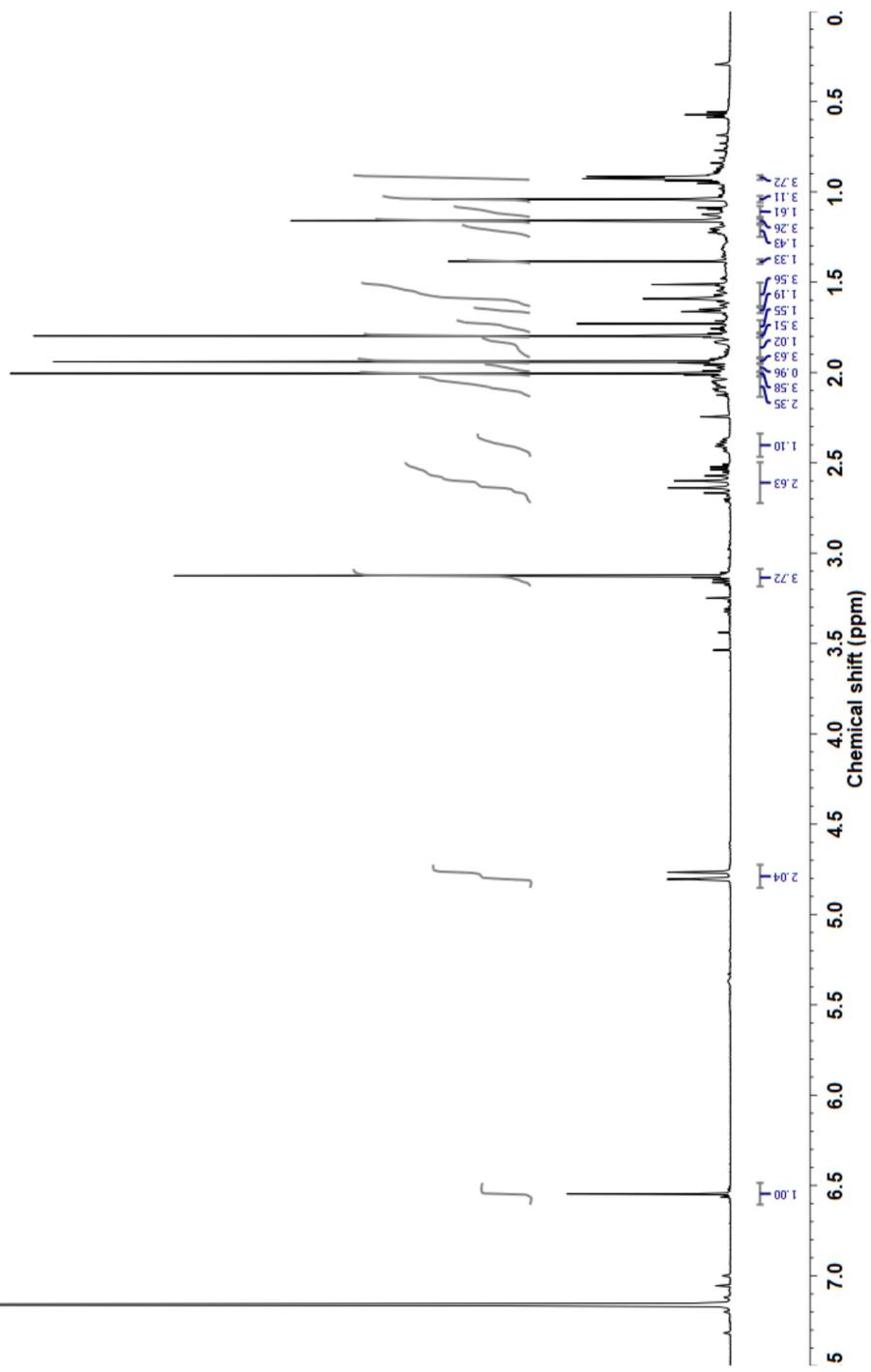


Figure S11 ^1H NMR spectrum of 6 (500 MHz, benzene- d_6)

5-epi-illimaquinone triacetate C NMR

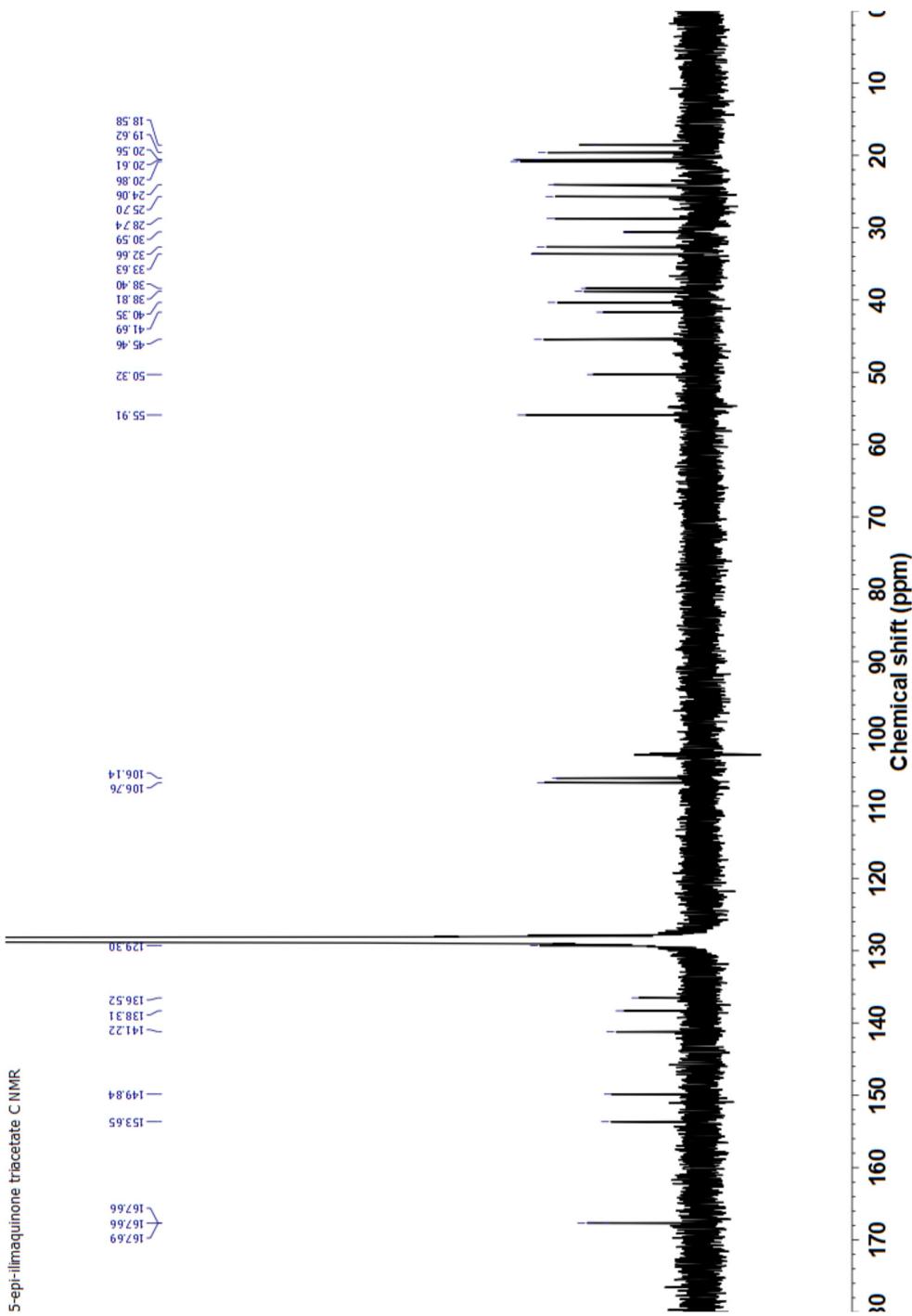


Figure S12 ^{13}C NMR spectrum of 6 (125 MHz, benzene- d_6)