

Silica Supported Perchloric Acid: An Efficient Catalyst for the Synthesis of 14-Aryl-14*H*-dibenzo[*a,i*]xanthene-8,13-diones

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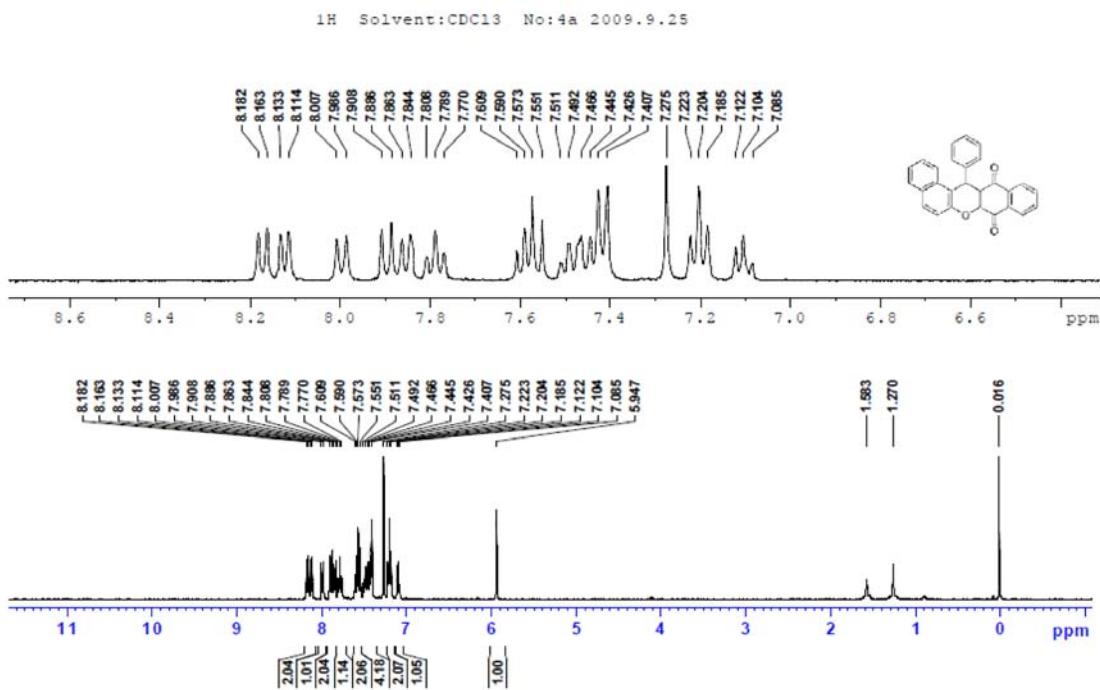


Figure S1a. ¹H NMR of **4a** (400 MHz, CDCl₃).

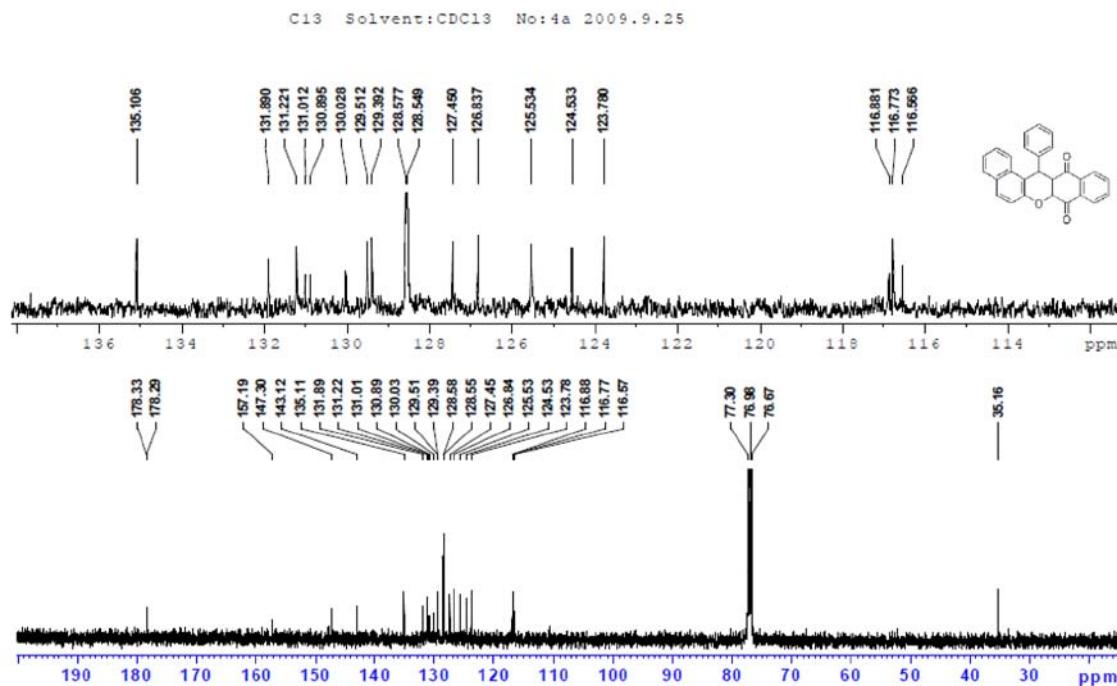


Figure S1b. ^{13}C NMR of **4a** (400 MHz, CDCl_3).

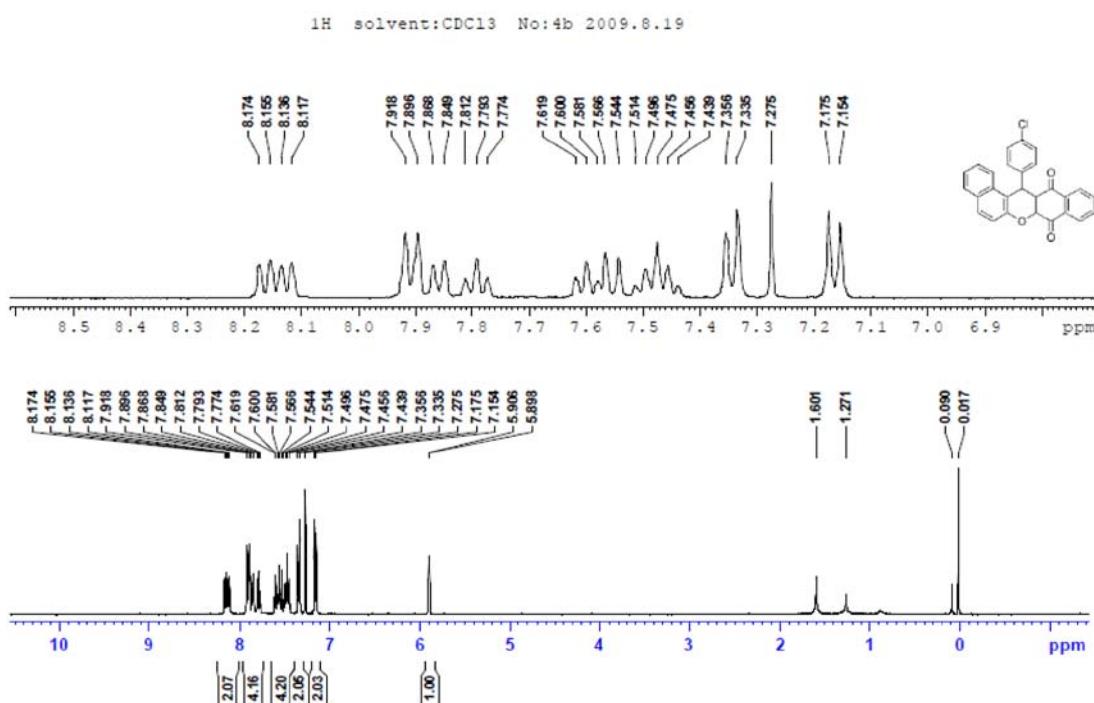


Figure S2a. ^1H NMR of **4b** (400 MHz, CDCl_3).

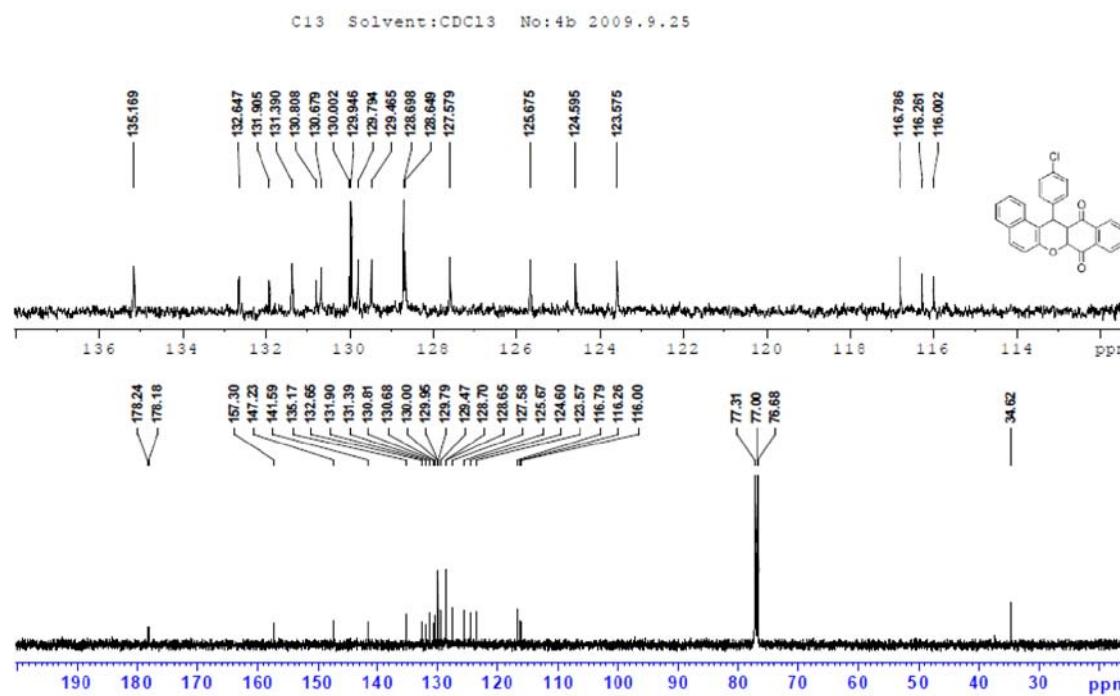


Figure S2b. ¹³C NMR of **4b** (400 MHz, CDCl₃).

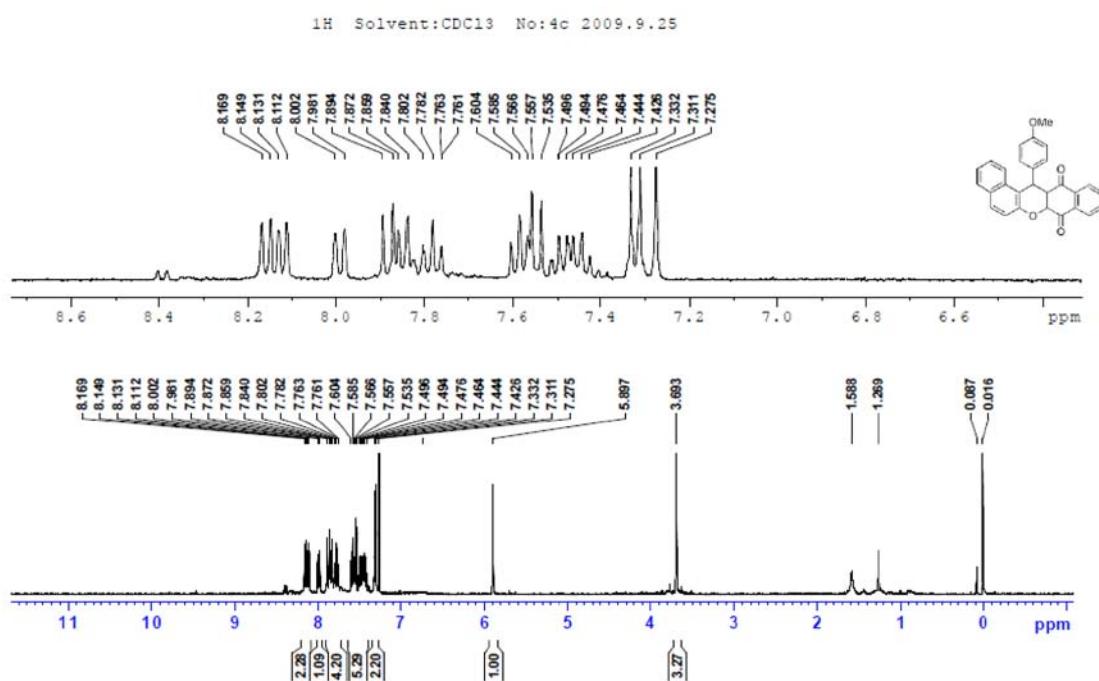


Figure S3a. ¹H NMR of **4c** (400 MHz, CDCl₃).

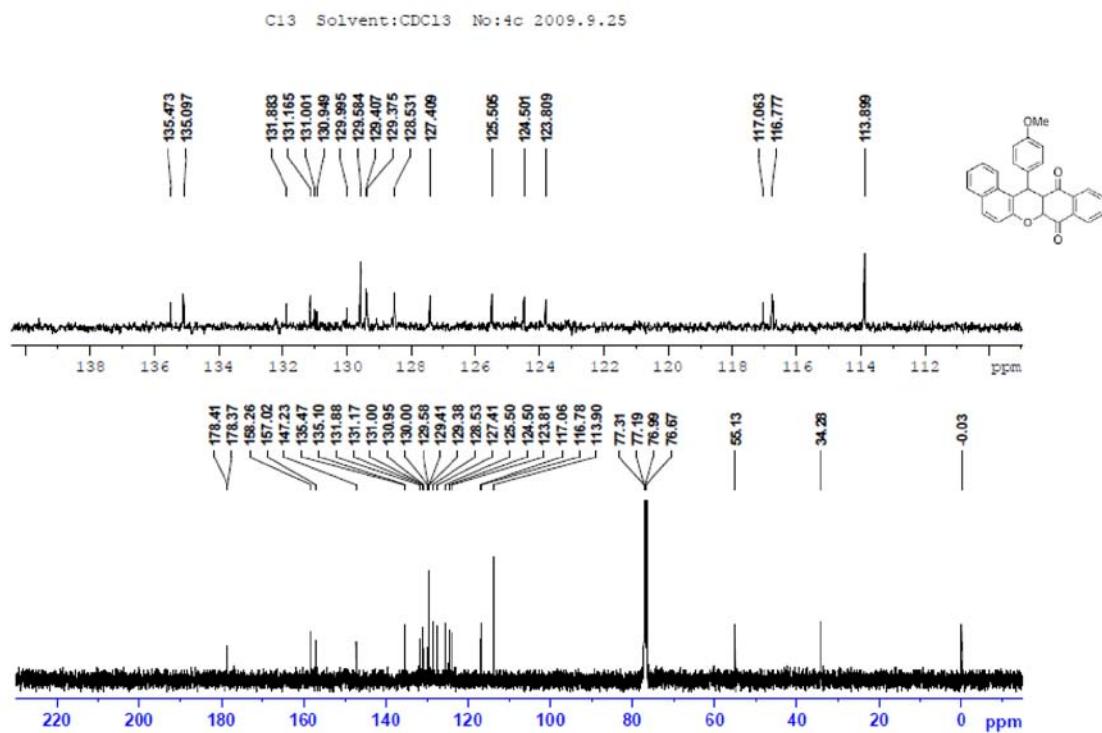


Figure S3b. ¹³C NMR of **4c** (400 MHz, CDCl₃).

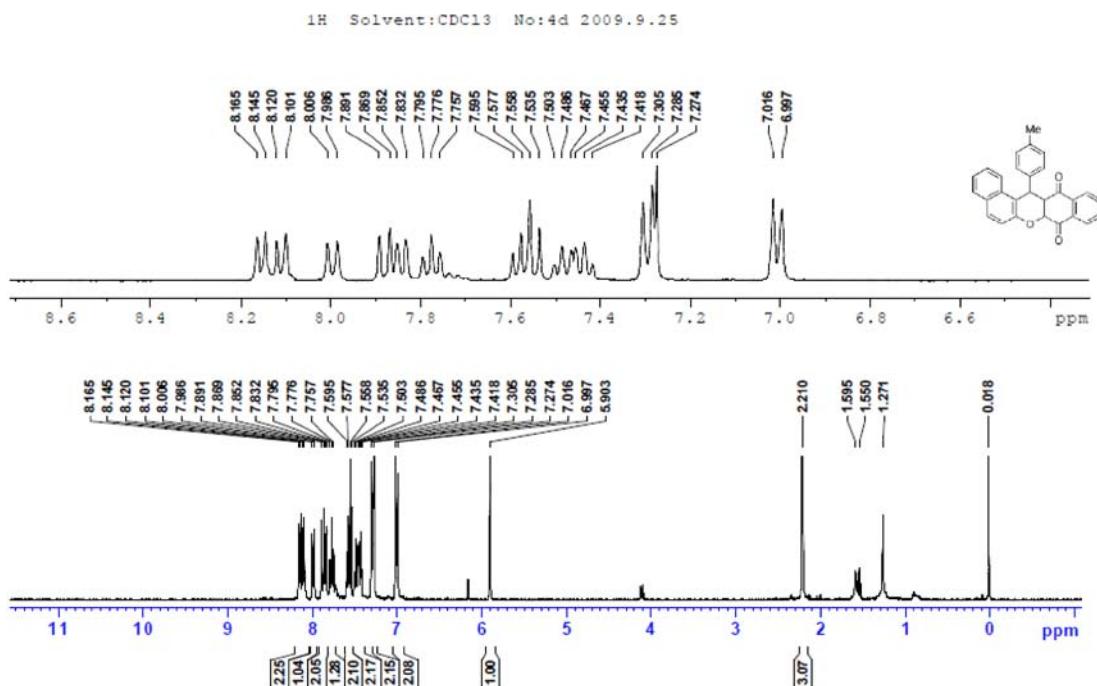


Figure S4a. ¹H NMR of **4d** (400 MHz, CDCl₃).

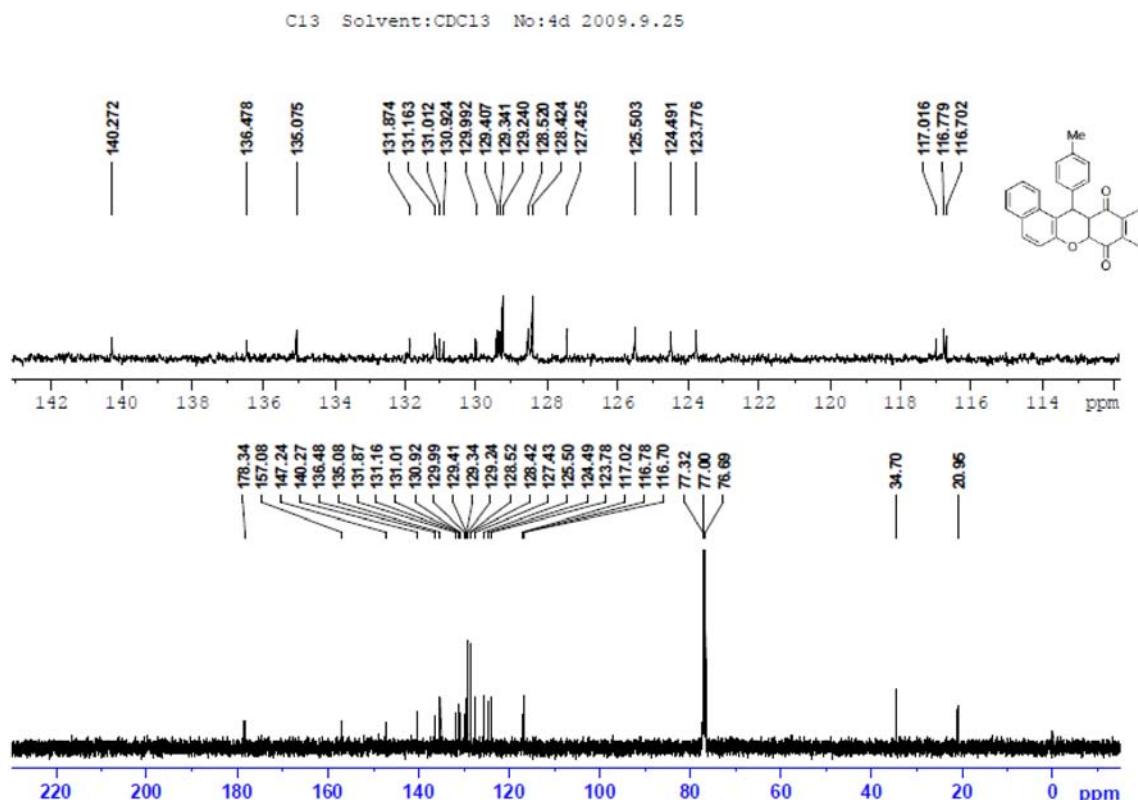


Figure S4b. ¹³C NMR of **4d** (400 MHz, CDCl₃).

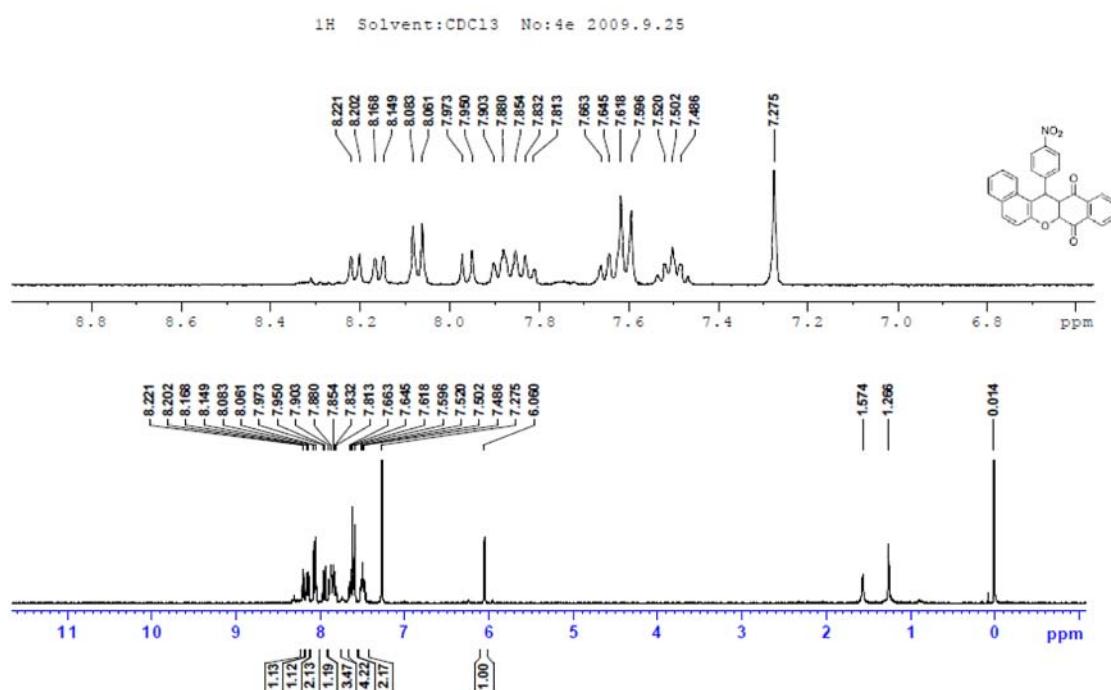


Figure S5a. ¹H NMR of **4e** (400 MHz, CDCl₃).

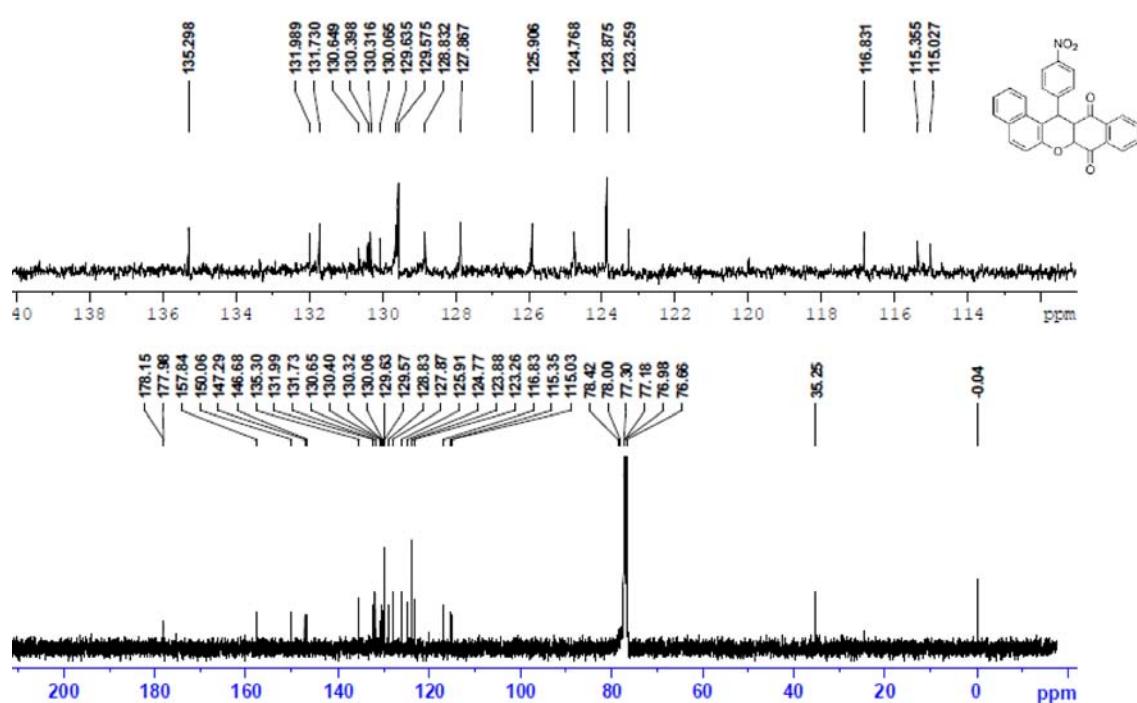


Figure S5b. ^{13}C NMR of **4e** (400 MHz, CDCl_3).

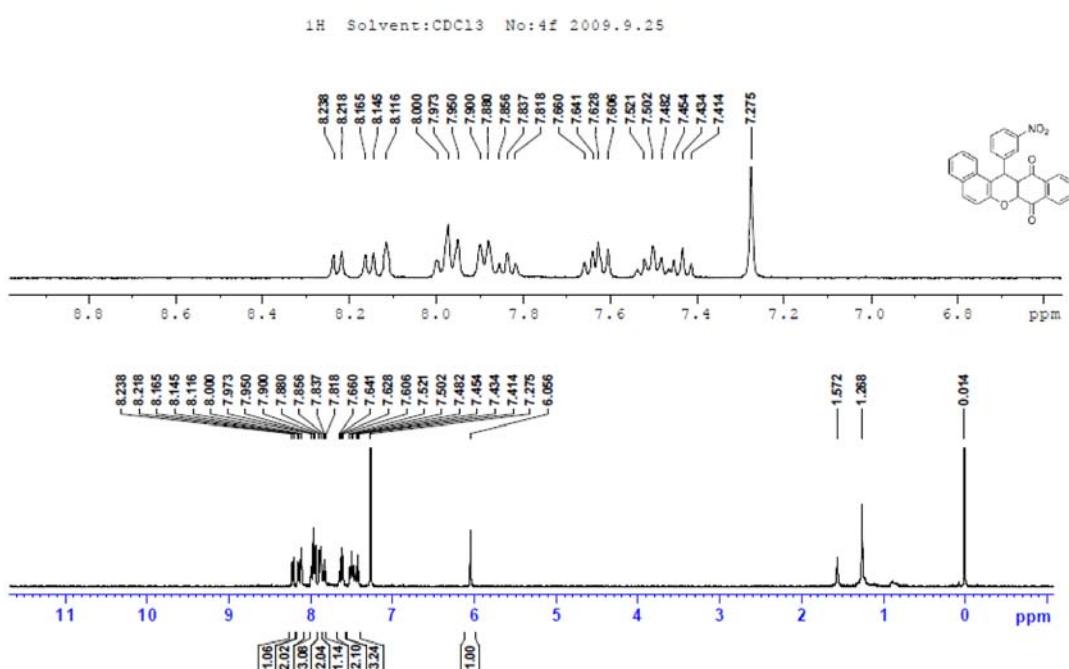


Figure S6a. ^1H NMR of **4f** (400 MHz, CDCl_3).

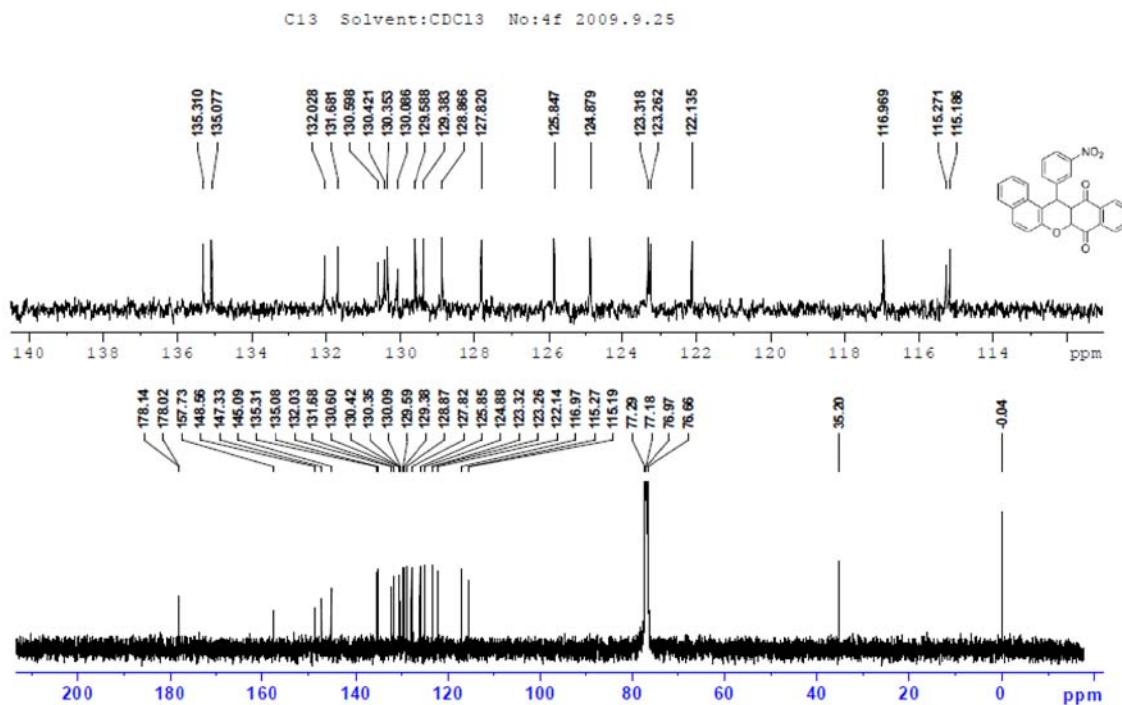


Figure S6b. ^{13}C NMR of **4f** (400 MHz, CDCl_3).

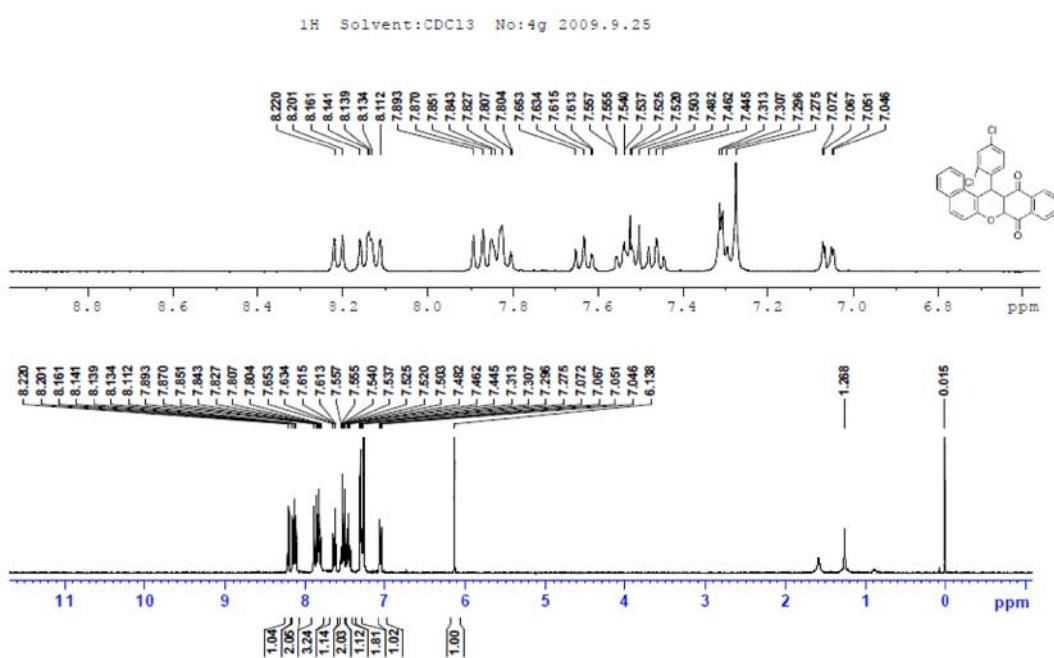


Figure S7a. ^1H NMR of **4g** (400 MHz, CDCl_3).

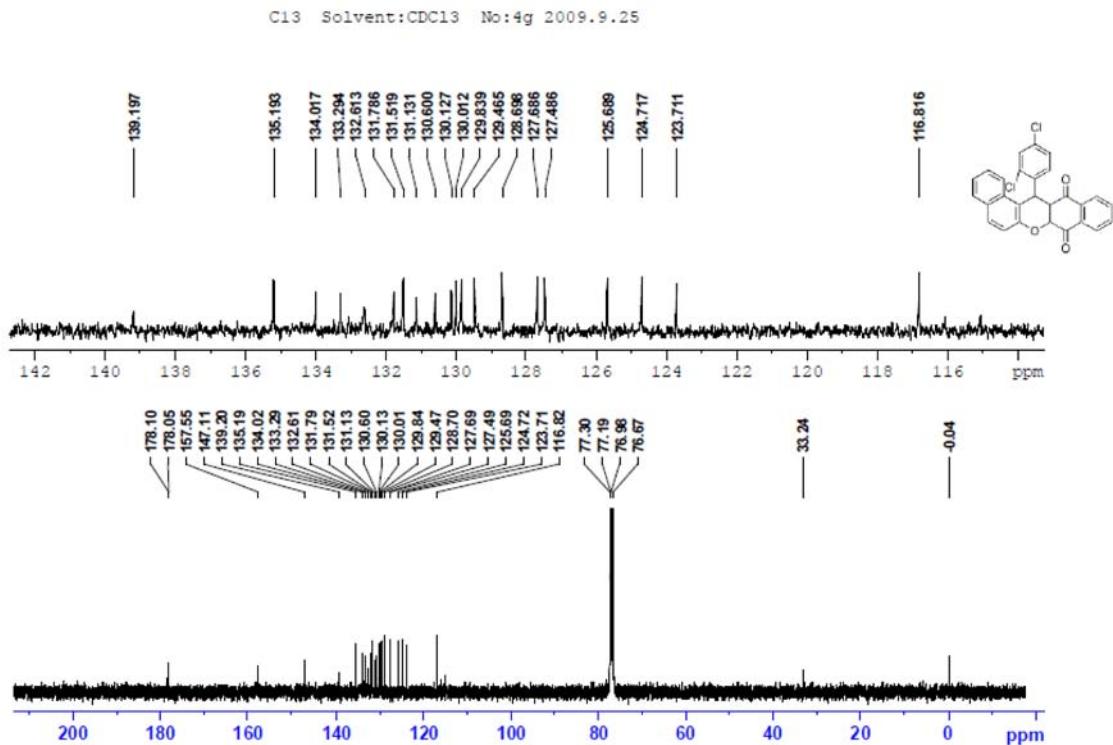


Figure S7b. ^{13}C NMR of **4g** (400 MHz, CDCl_3).

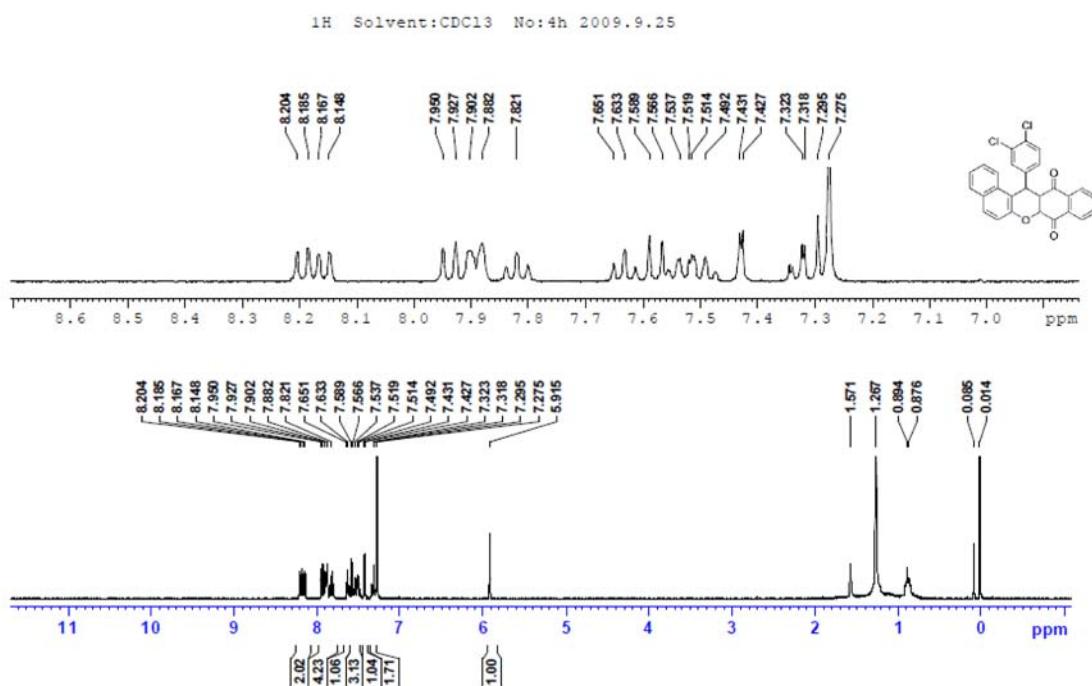


Figure S8a. ^1H NMR of **4h** (400 MHz, CDCl_3).

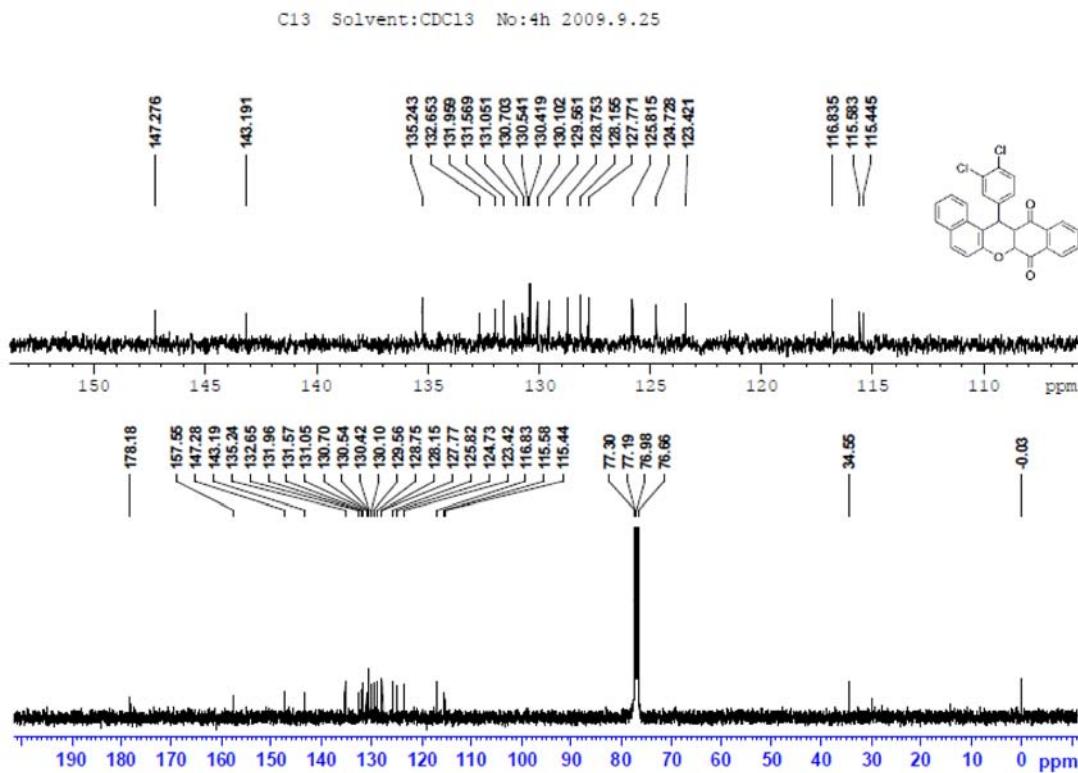


Figure S8b. ^{13}C NMR of **4h** (400 MHz, CDCl_3).

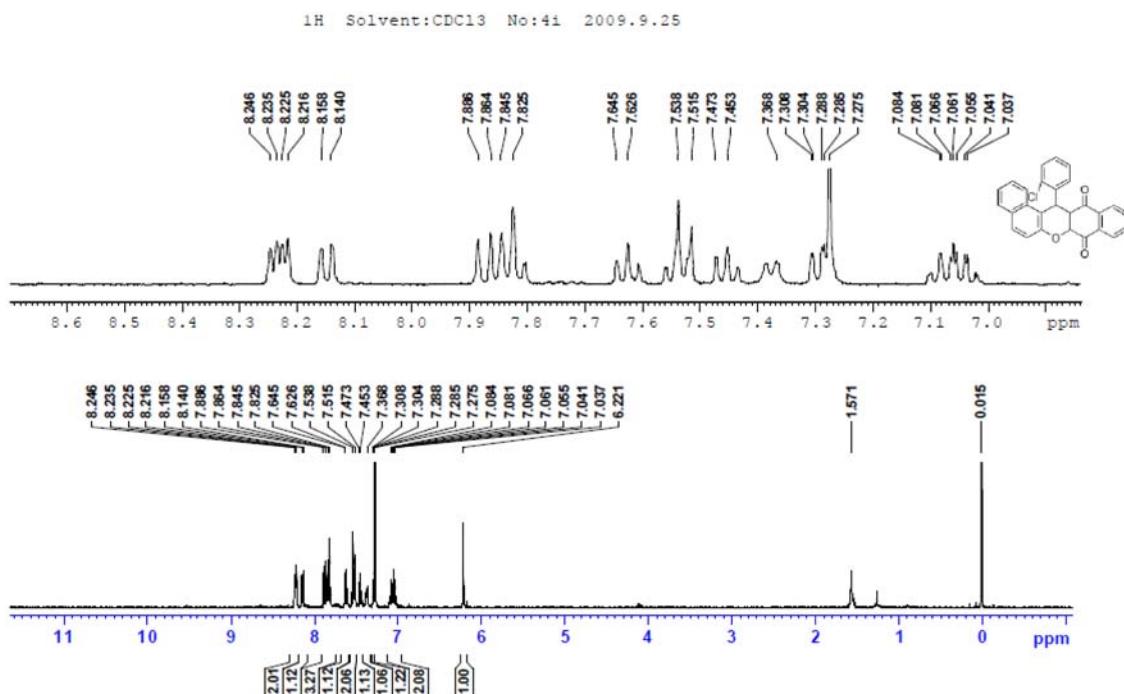


Figure S9a. ^1H NMR of **4i** (400 MHz, CDCl_3).

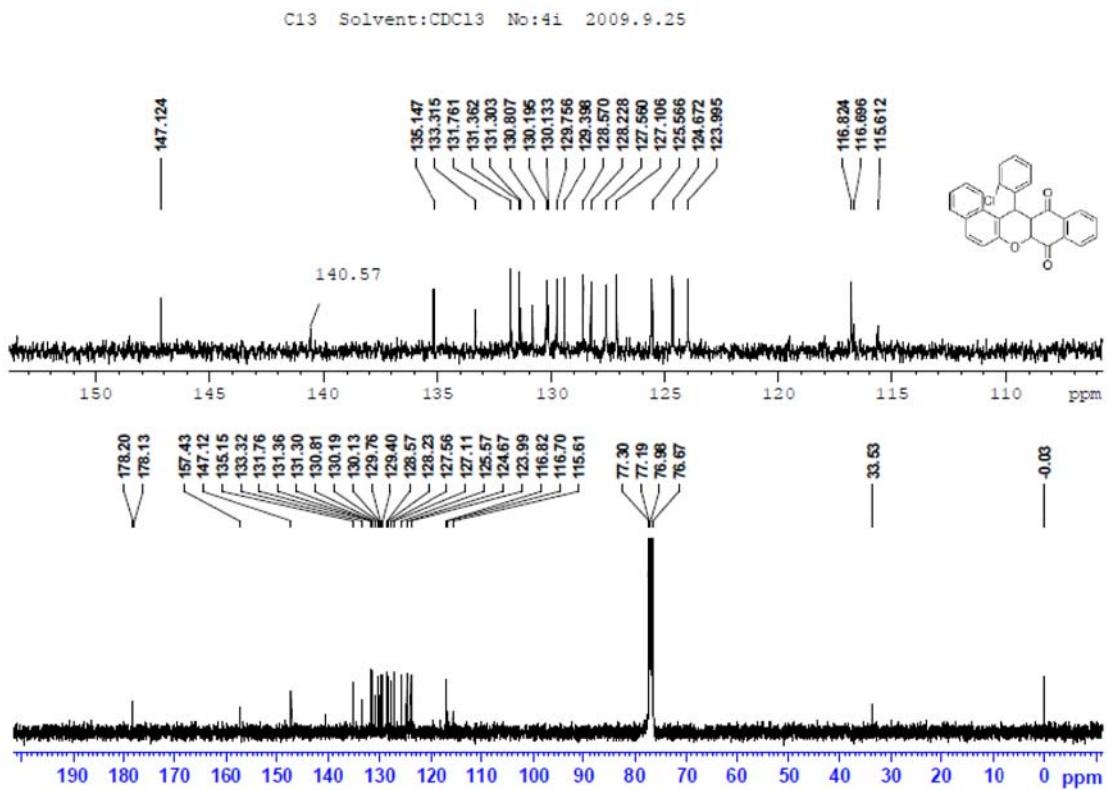


Figure S9b. ^{13}C NMR of **4i** (400 MHz, CDCl_3).