

SUPPORTING INFORMATION

Curcumin-based Sulfenic Acid as light-switch for the Binding of Biothiols

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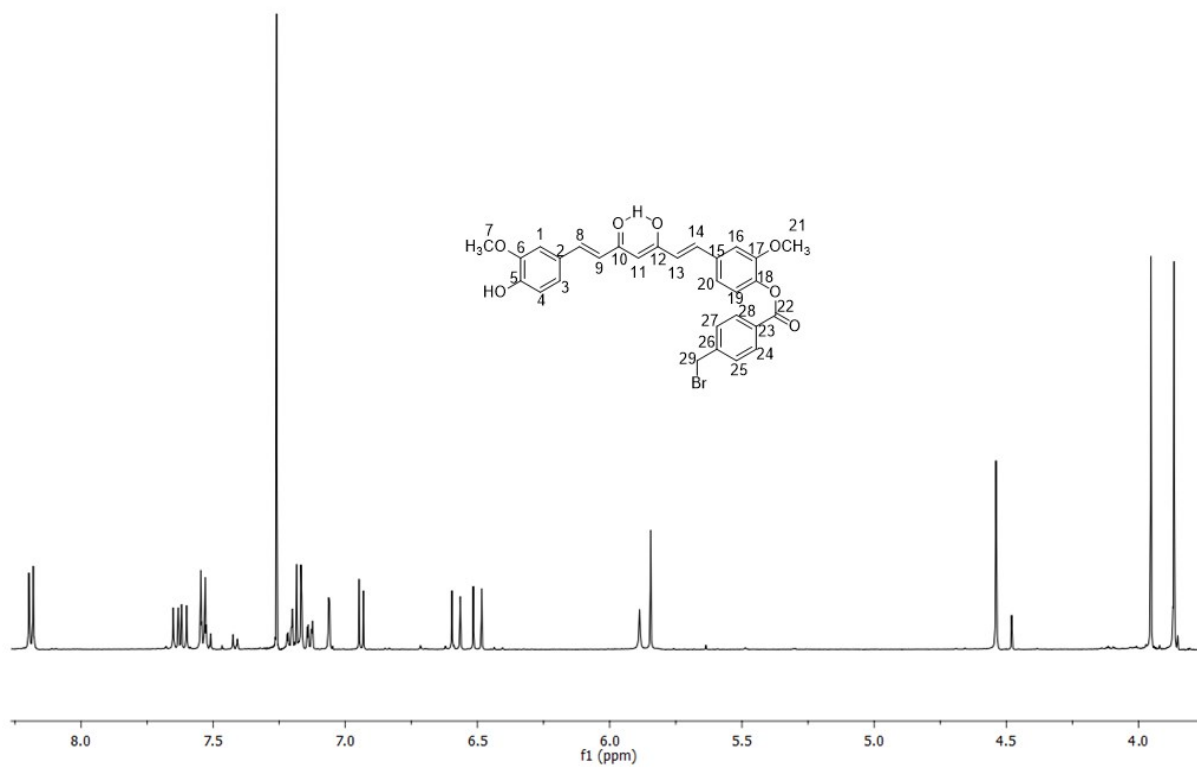


Figure S1. ^1H NMR spectrum of compound 3 (500 MHz, CDCl_3 , 25 °C)

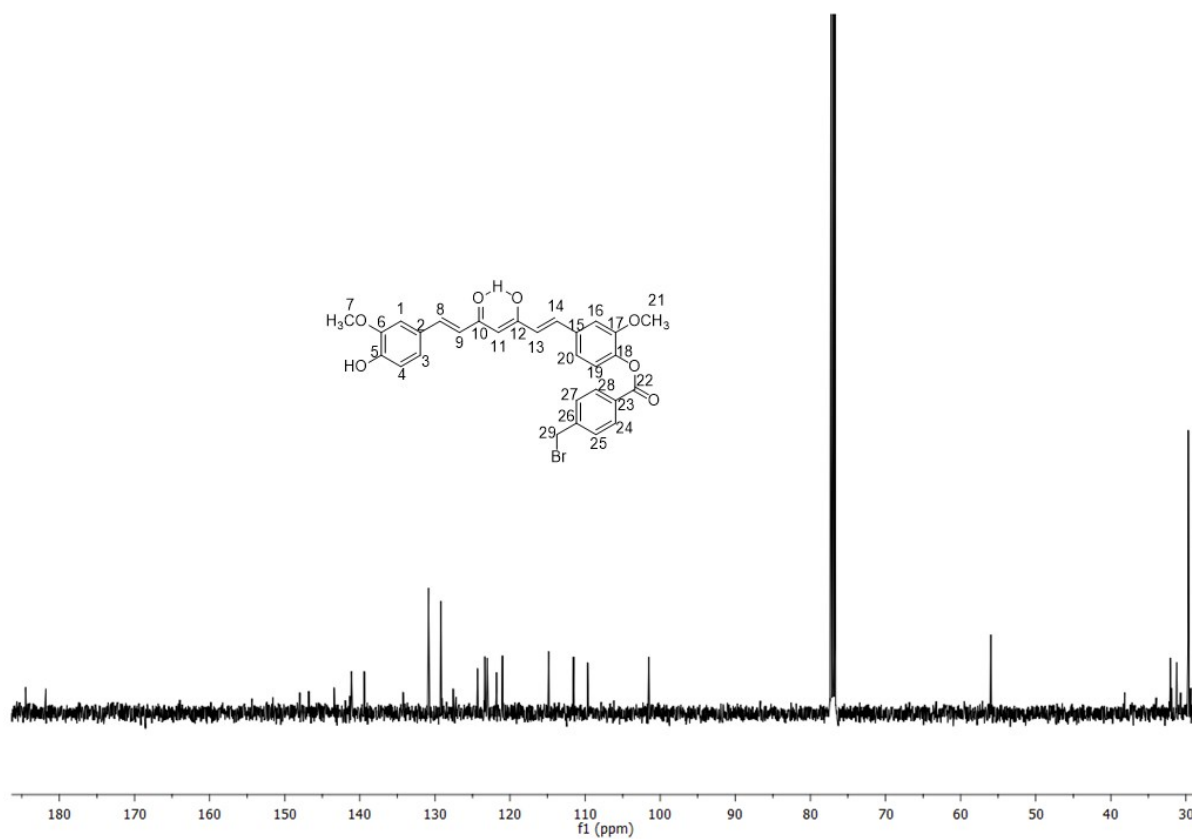


Figure S2. ^{13}C NMR spectrum of compound 3 (500 MHz, CDCl_3 , 25 °C)

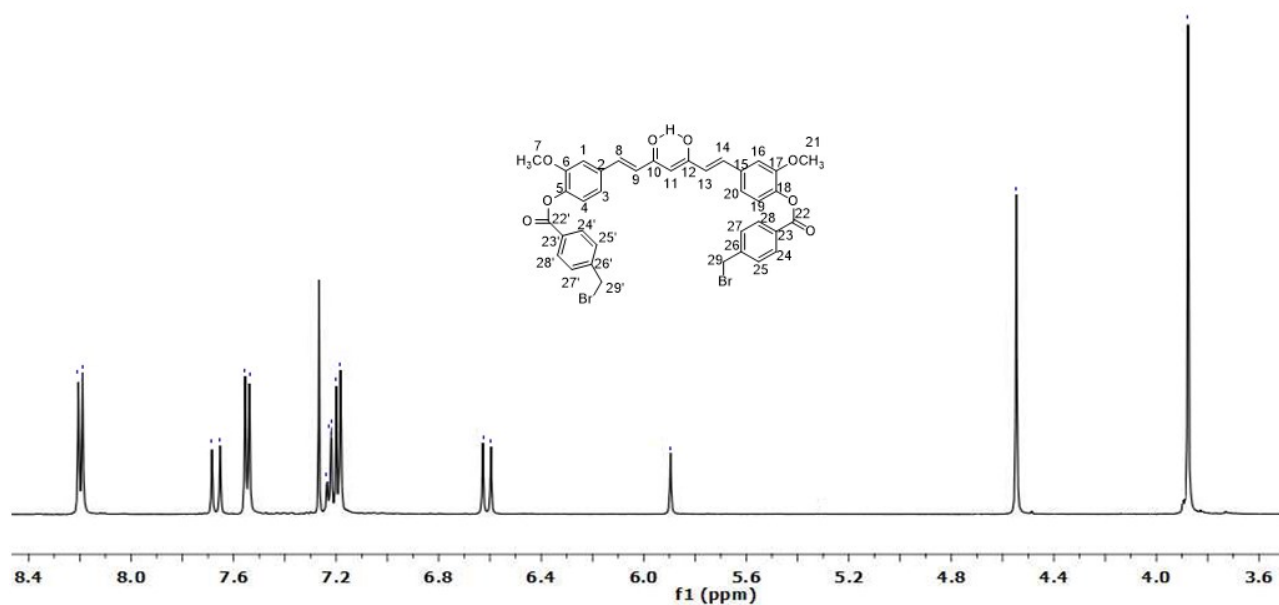


Figure S3. ¹H spectrum of compound 4 (500 MHz, CDCl₃, 25 °C)

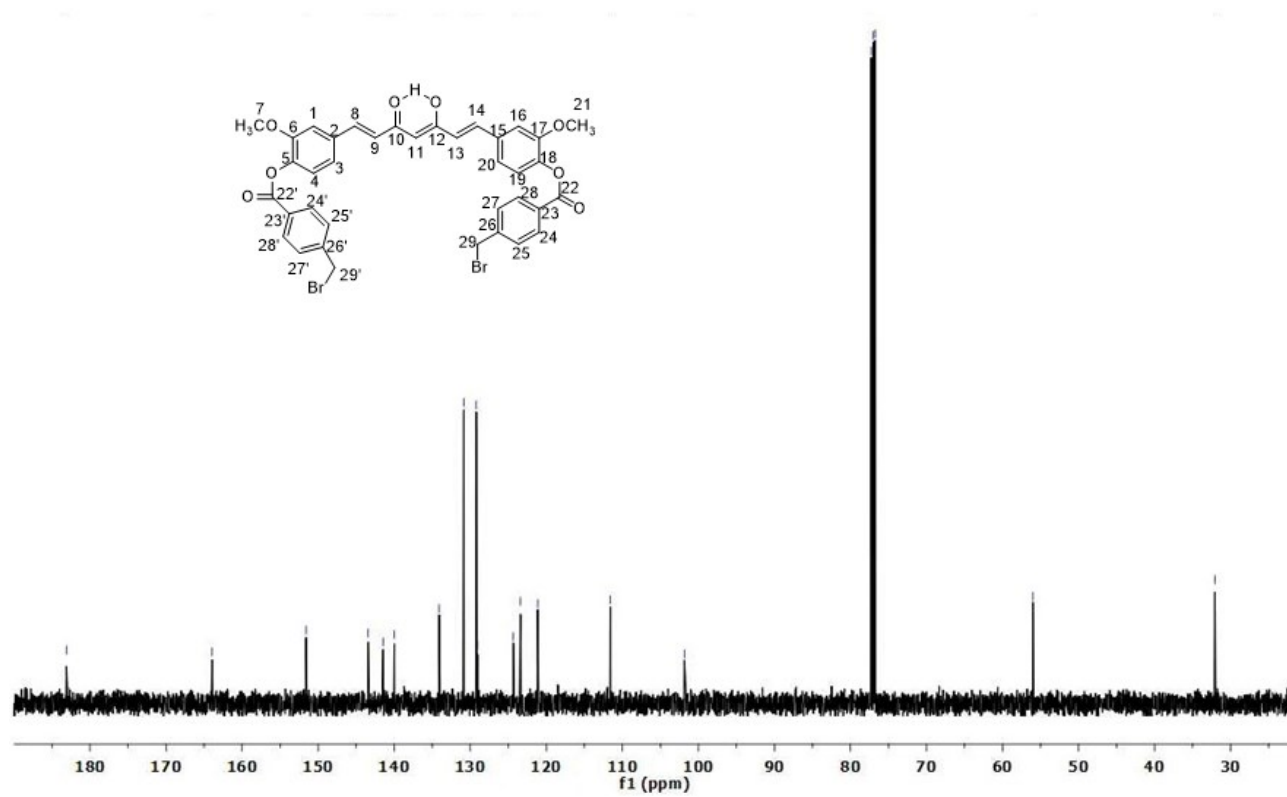


Figure S4. ¹³C NMR spectrum of compound 4 (500 MHz, CDCl₃, 25 °C)

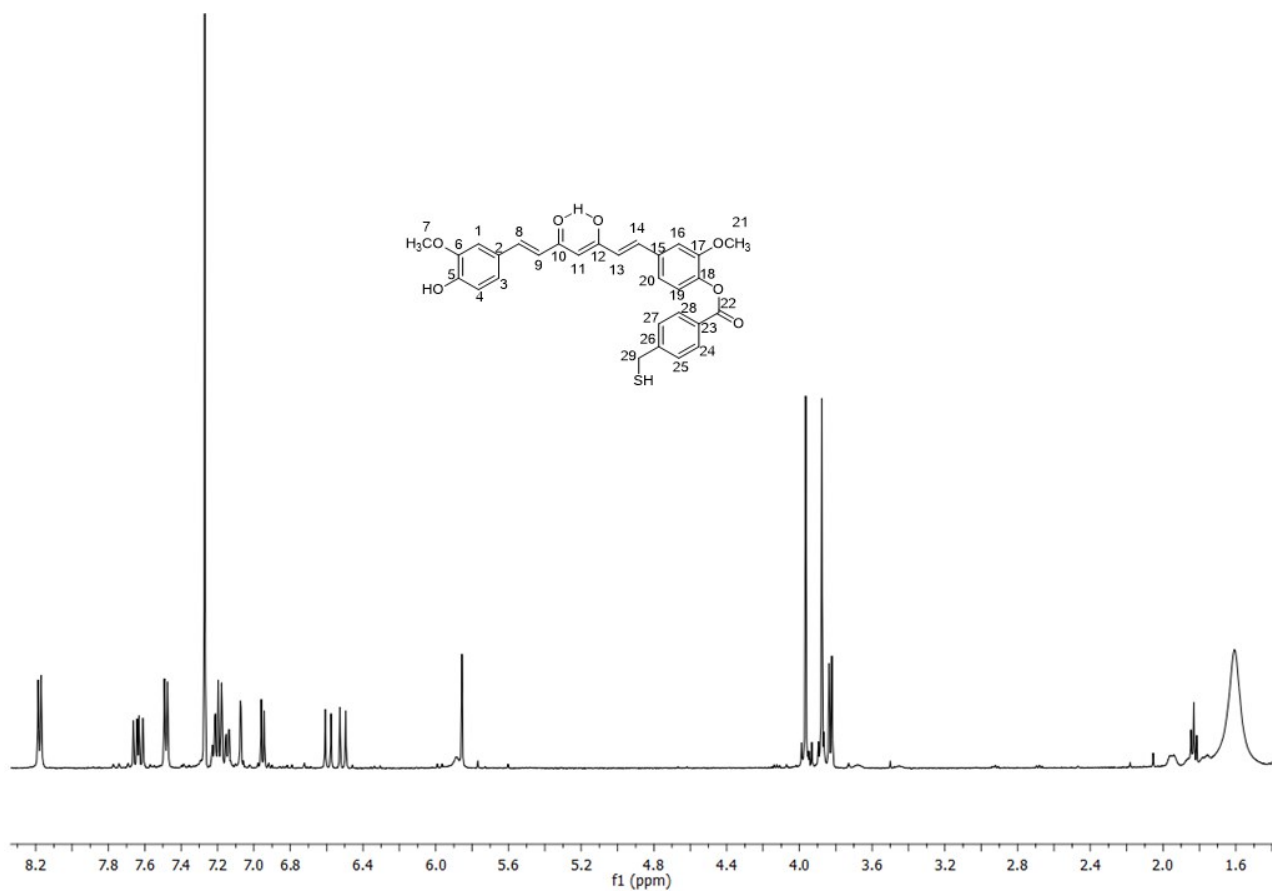


Figure S5. ¹H NMR spectrum of compound 6 (500 MHz, CDCl₃, 25 °C)

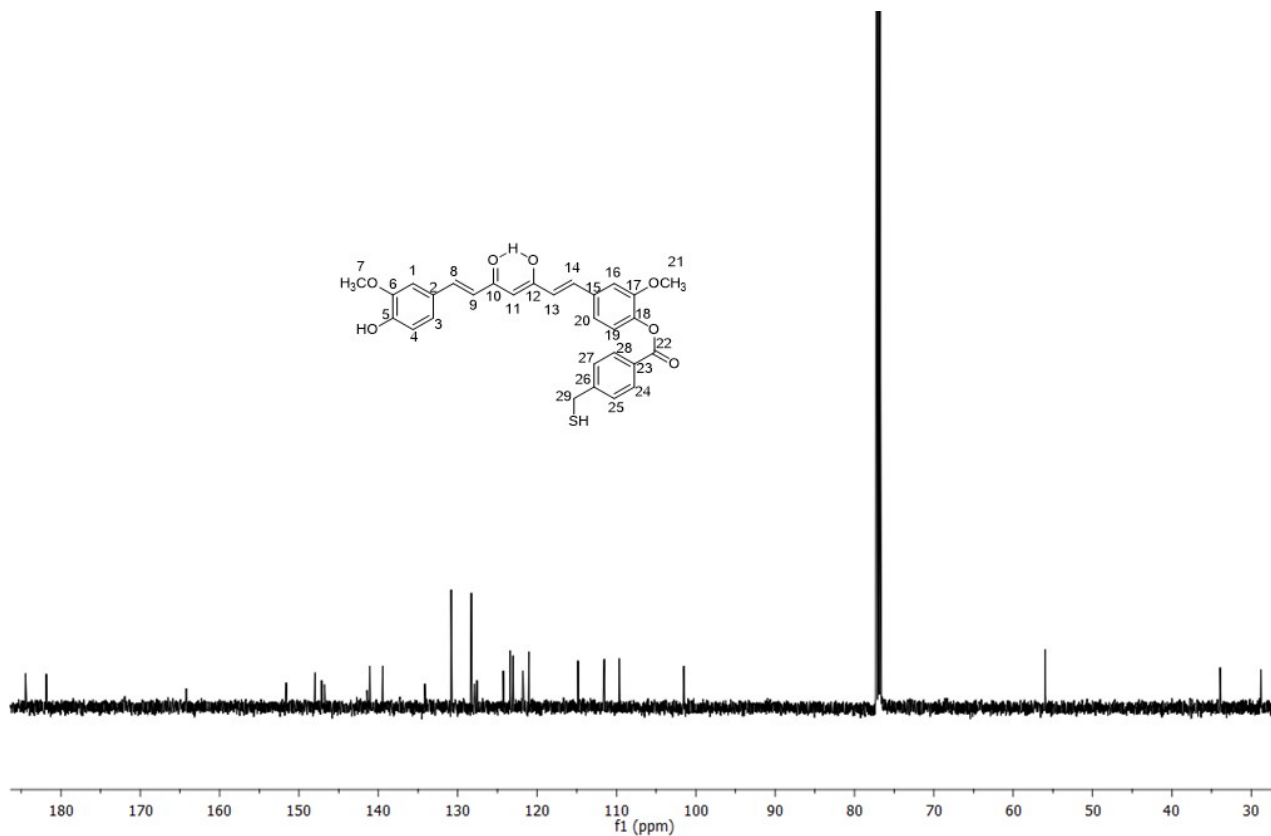


Figure S6. ¹³C NMR spectrum of compound 6 (500 MHz, CDCl₃, 25 °C)

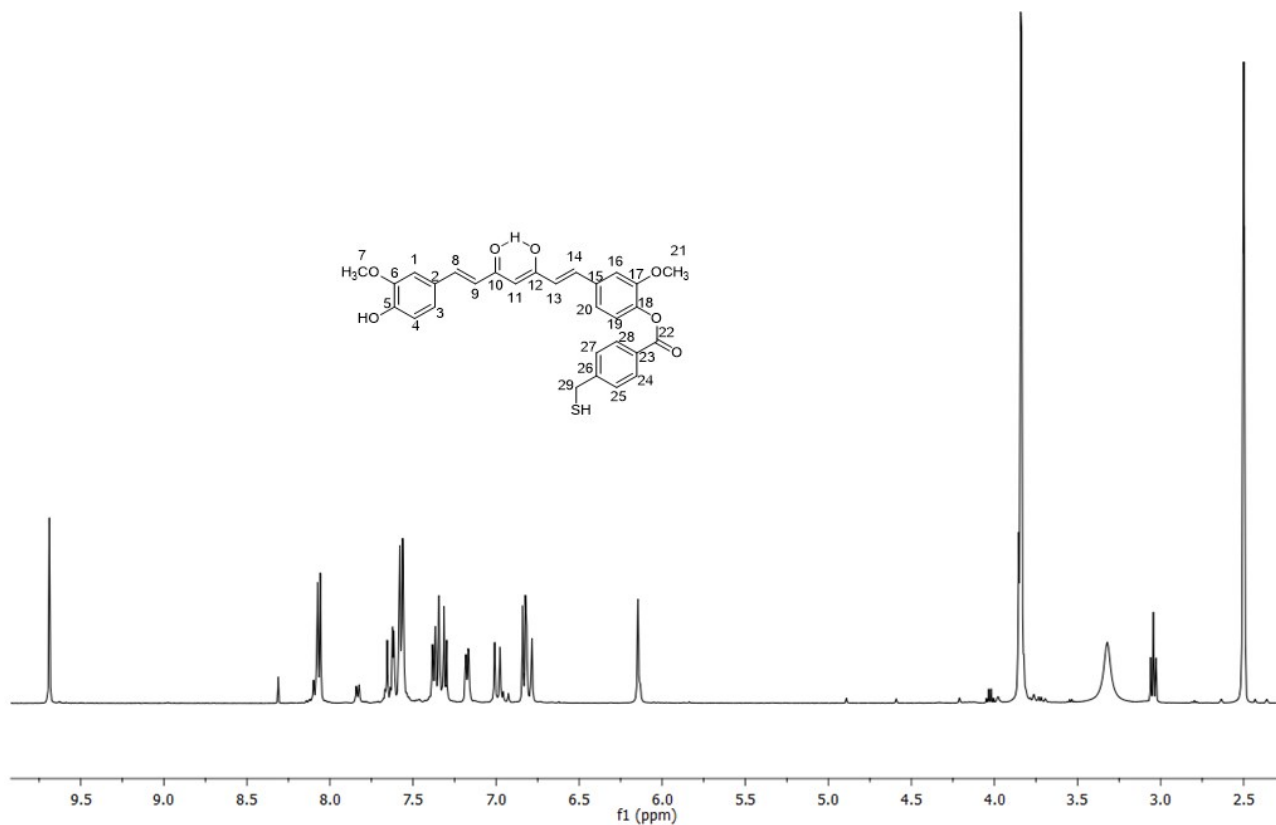


Figure S7. ¹H NMR spectrum of compound 6 (500 MHz, DMSO-*d*₆, 25 °C)

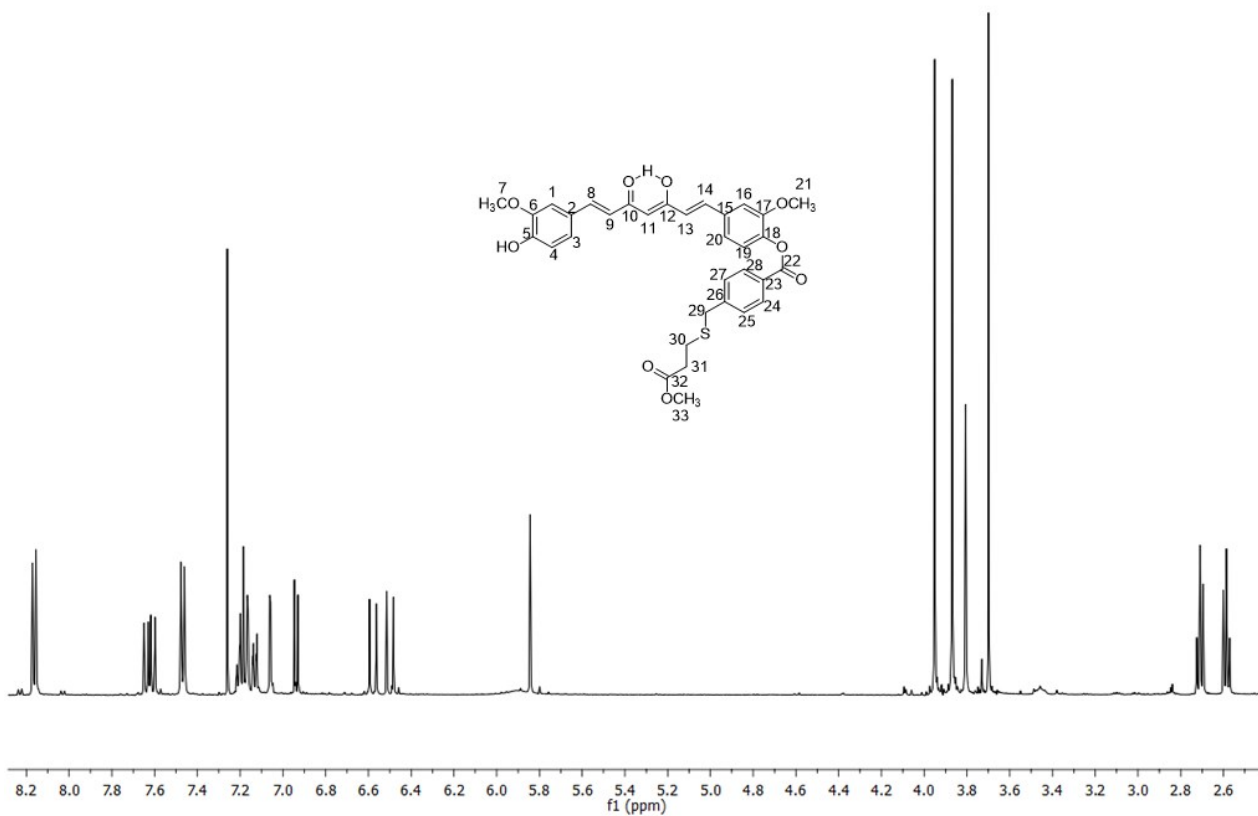


Figure S8. ^1H NMR spectrum of compound 7 (500 MHz, CDCl_3 , 25 °C)

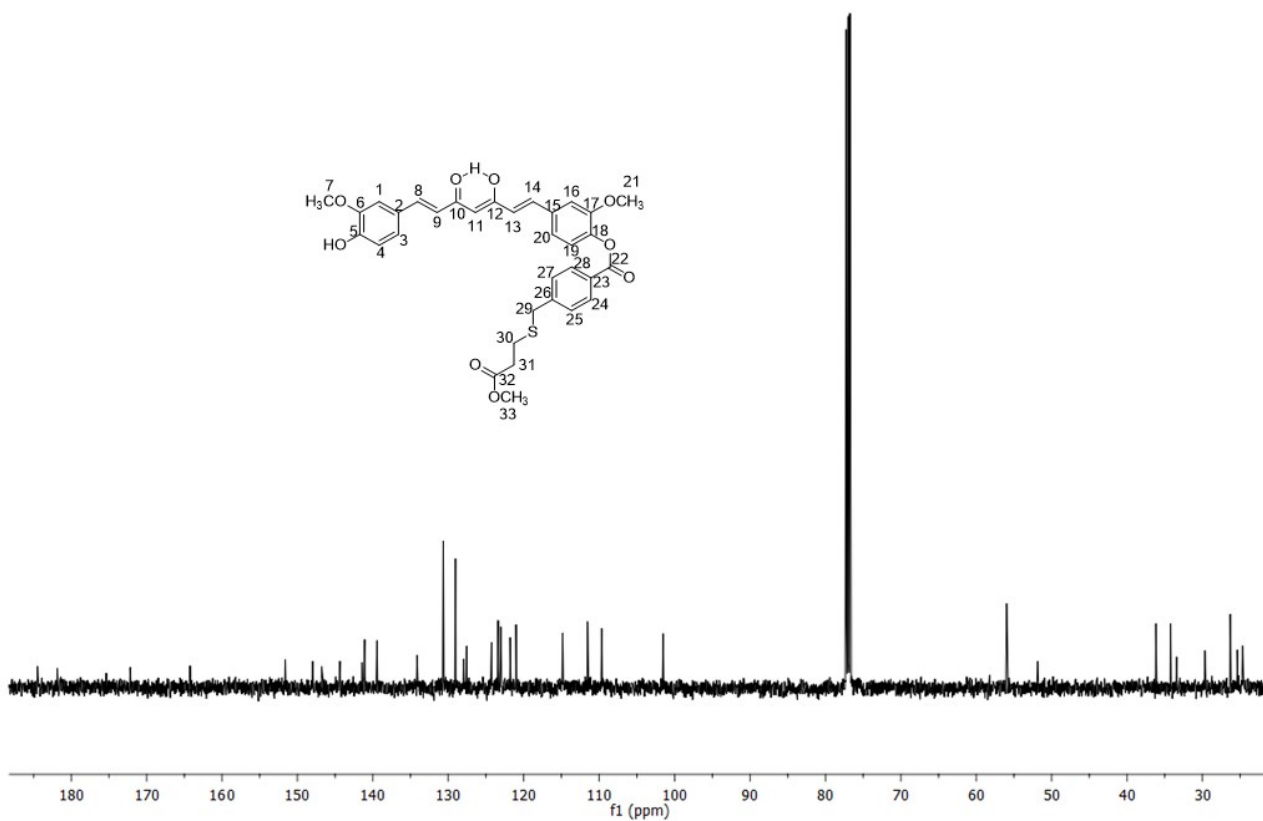


Figure S9. ^{13}C NMR spectrum of compound 7 (500 MHz, CDCl_3 , 25 °C)

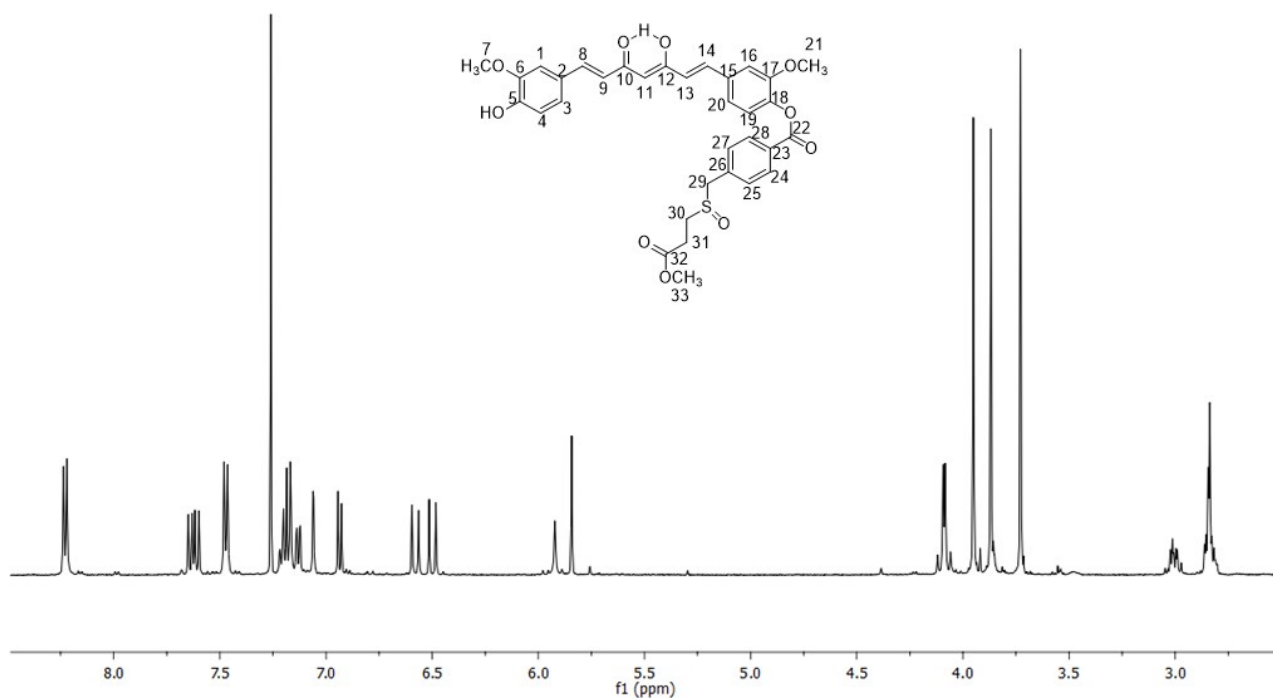


Figure S10. ¹H NMR spectrum of compound 8 (500 MHz, CDCl₃, 25 °C)

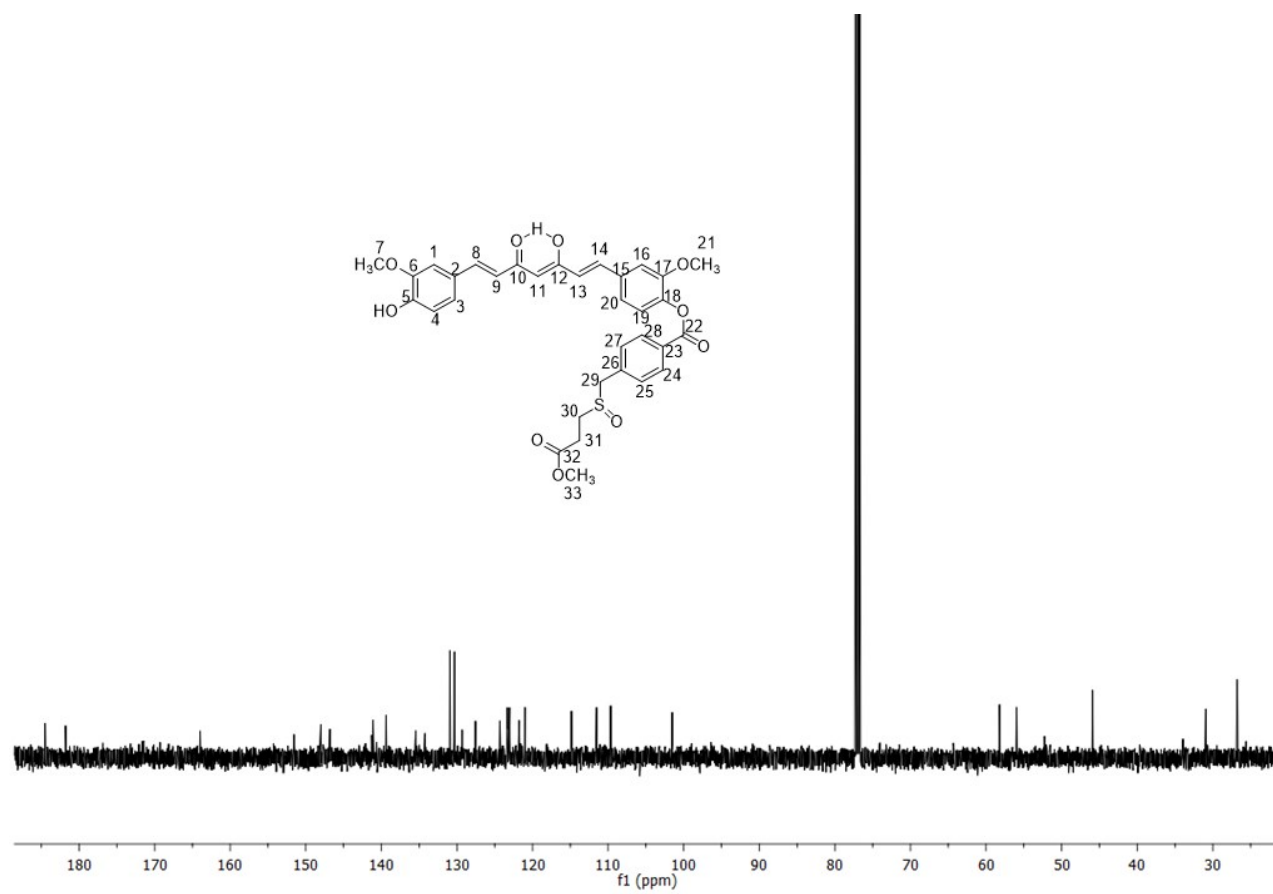


Figure S11. ¹³C NMR spectrum of compound 8 (500 MHz, CDCl₃, 25 °C)

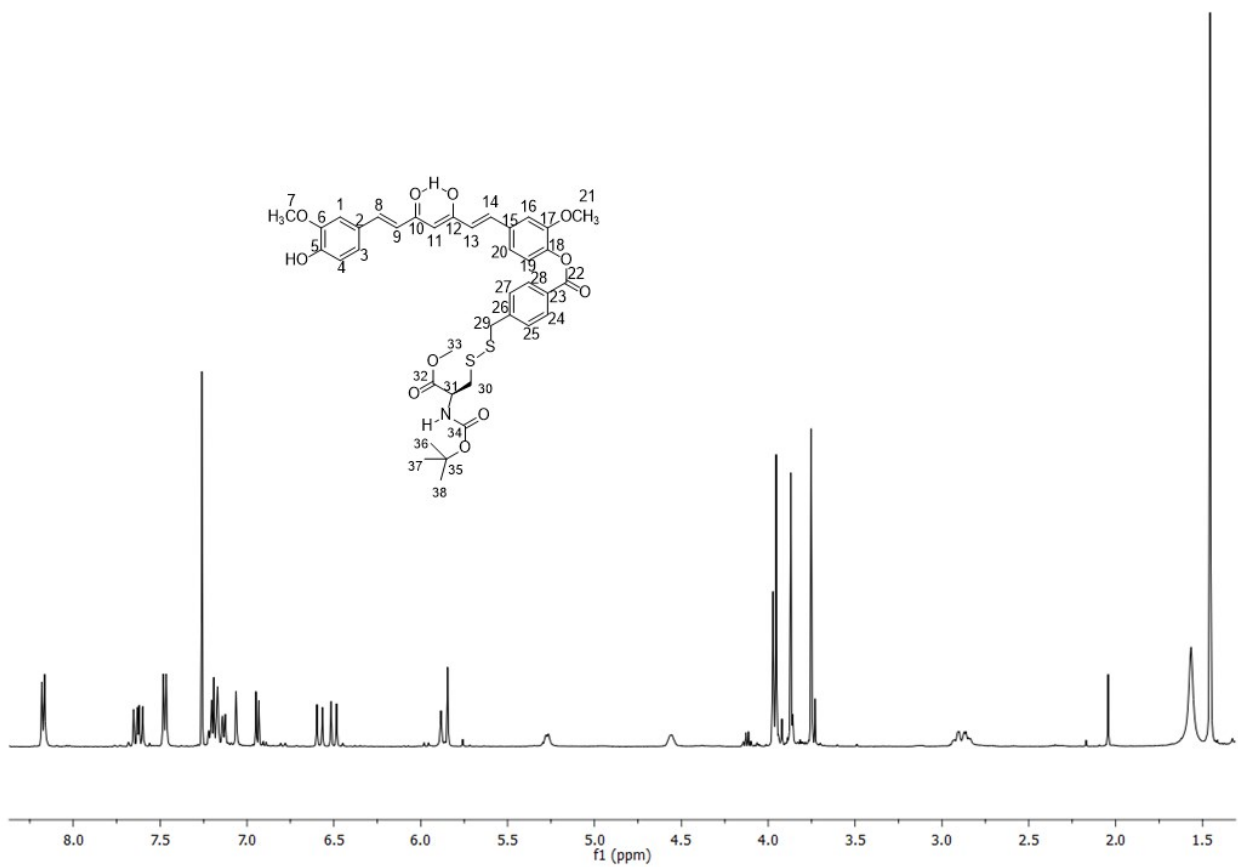


Figure S12. ^1H NMR spectrum of compound 10 (500 MHz, CDCl_3 , 25 °C)

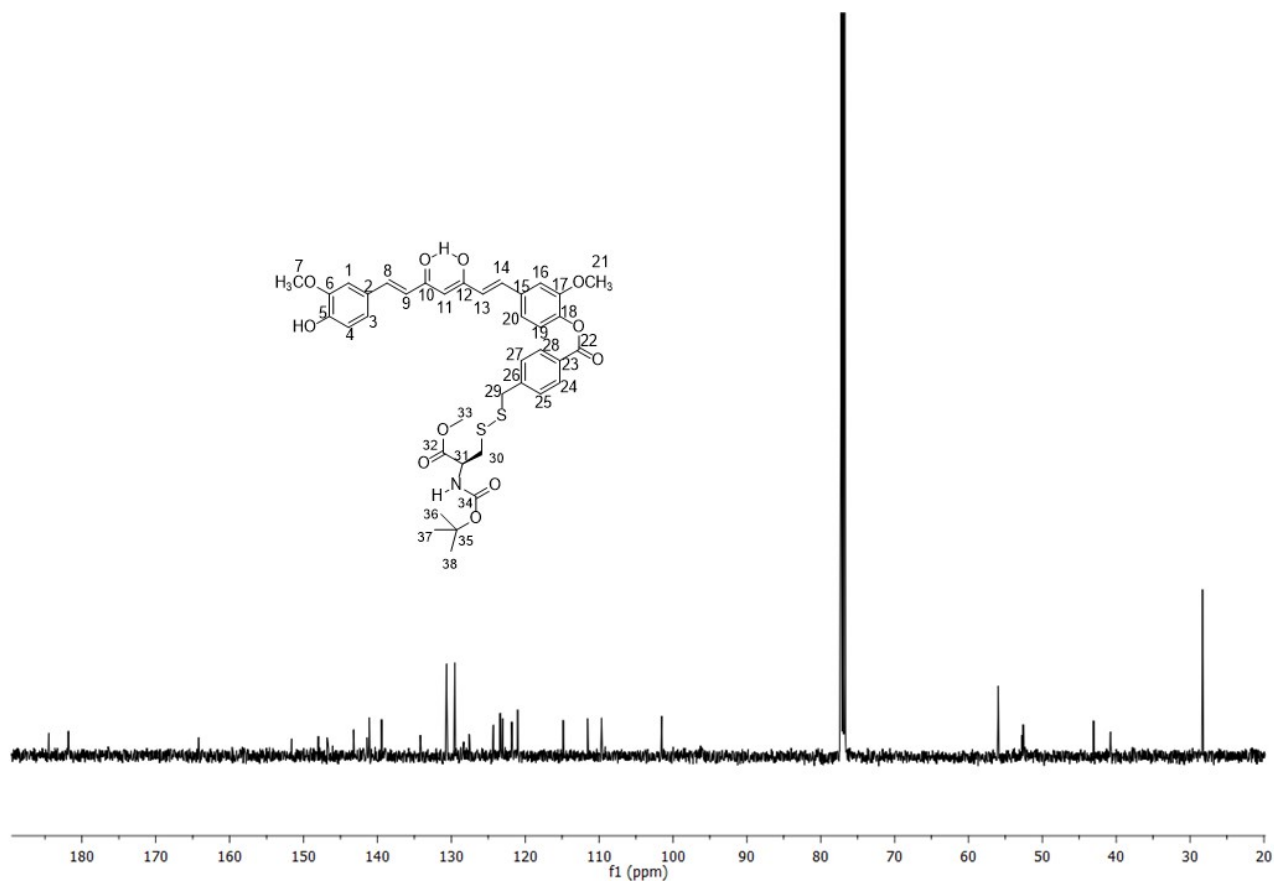


Figure S13. ^{13}C NMR spectrum of compound 10 (500 MHz, CDCl_3 , 25 °C)

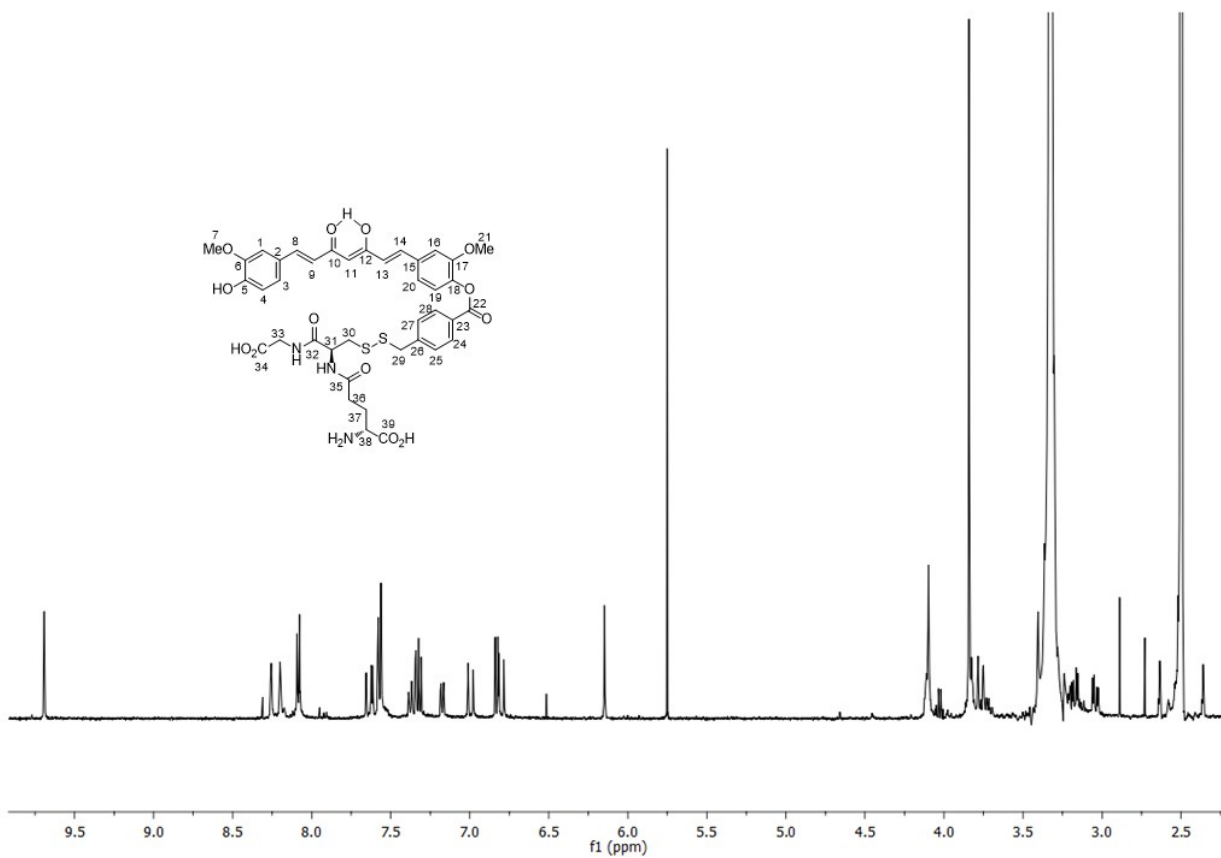


Figure S14. ¹H NMR spectrum of compound 11 (500 MHz, DMSO-d₆, 25 °C)