

Supplementary Material

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NMR Spectra

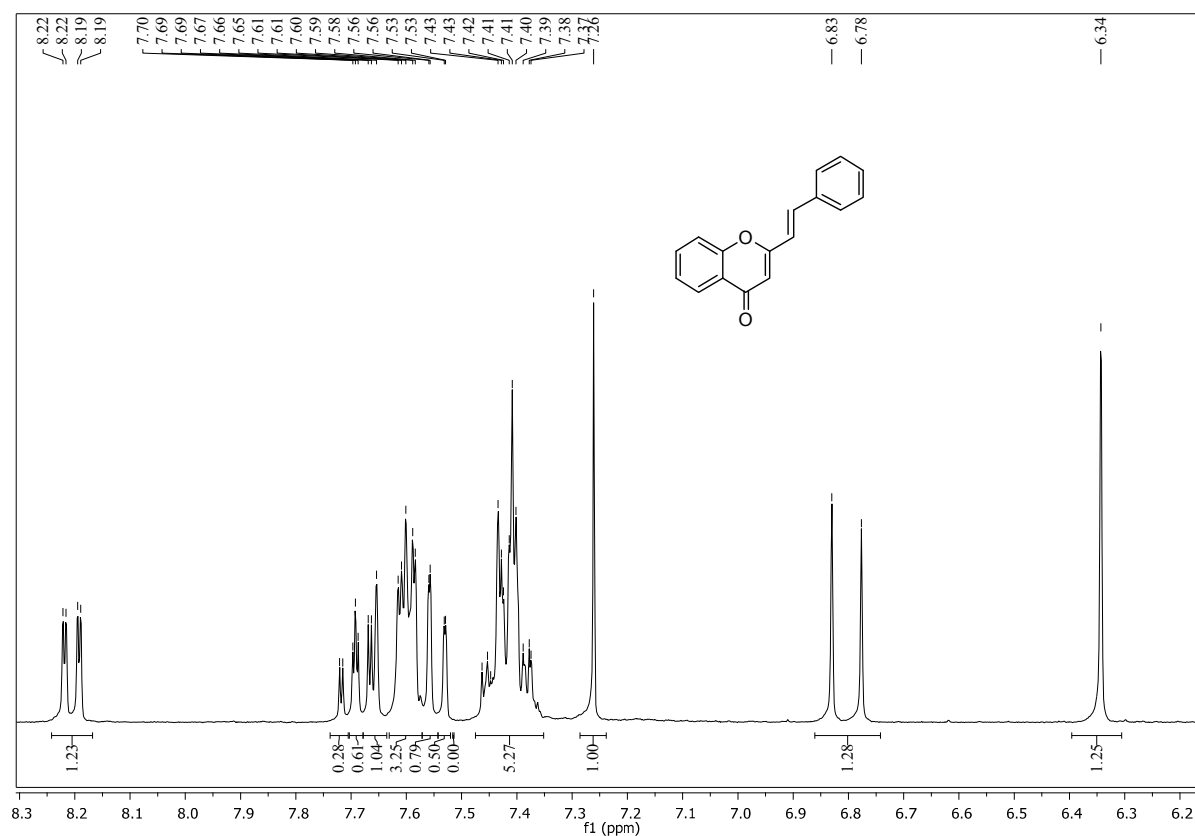
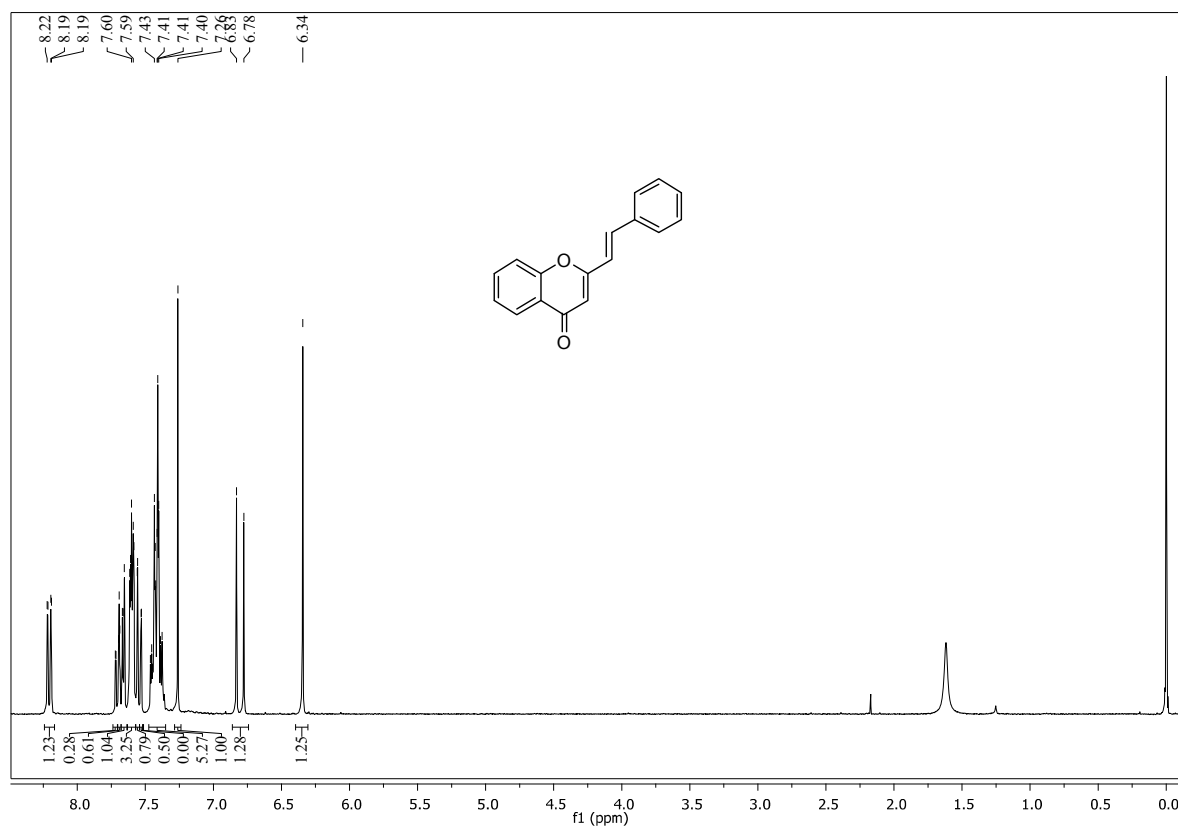


Figure S1. ^1H -NMR spectrum of (E)-2-styrylchromone **5a** (CDCl_3 , 300.13 MHz).

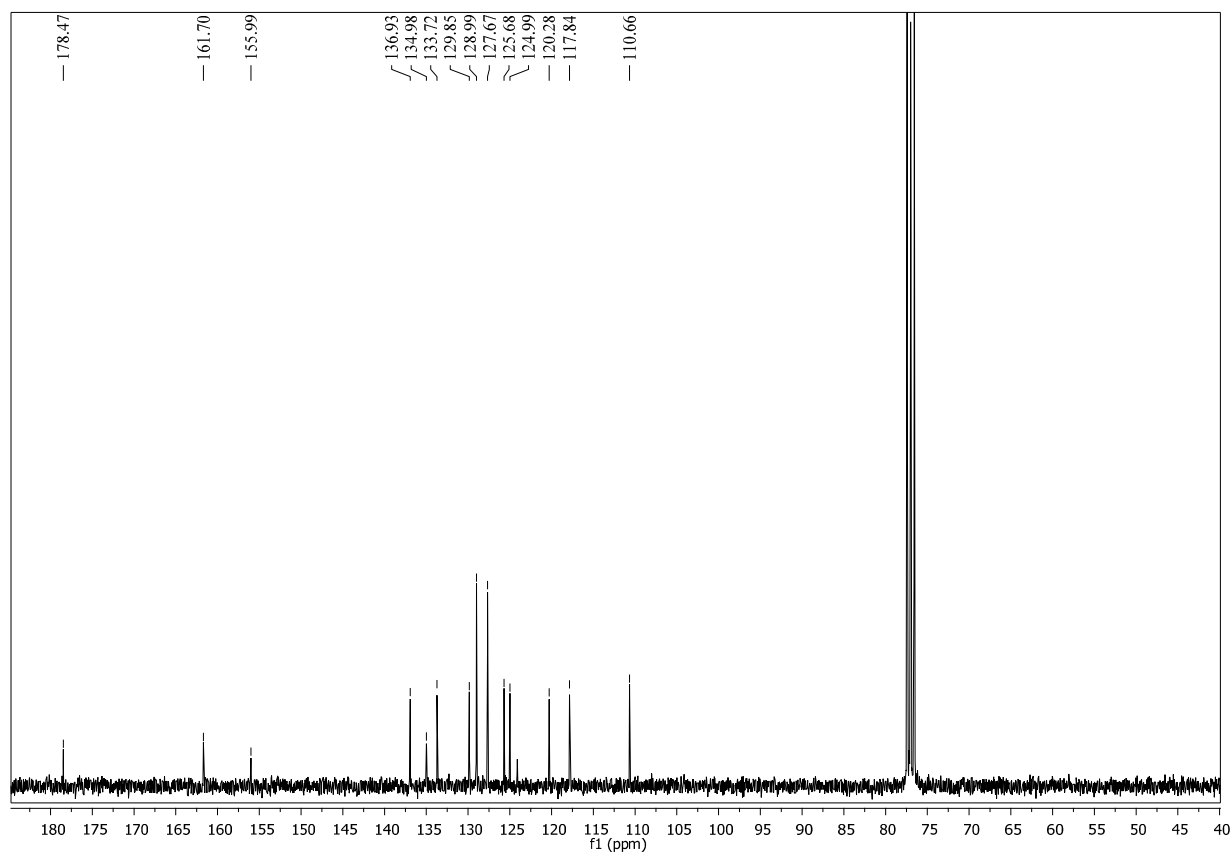


Figure S2. ^{13}C -NMR spectrum of (*E*)-2-styrylchromone **5a** (CDCl_3 , 75.47 MHz).

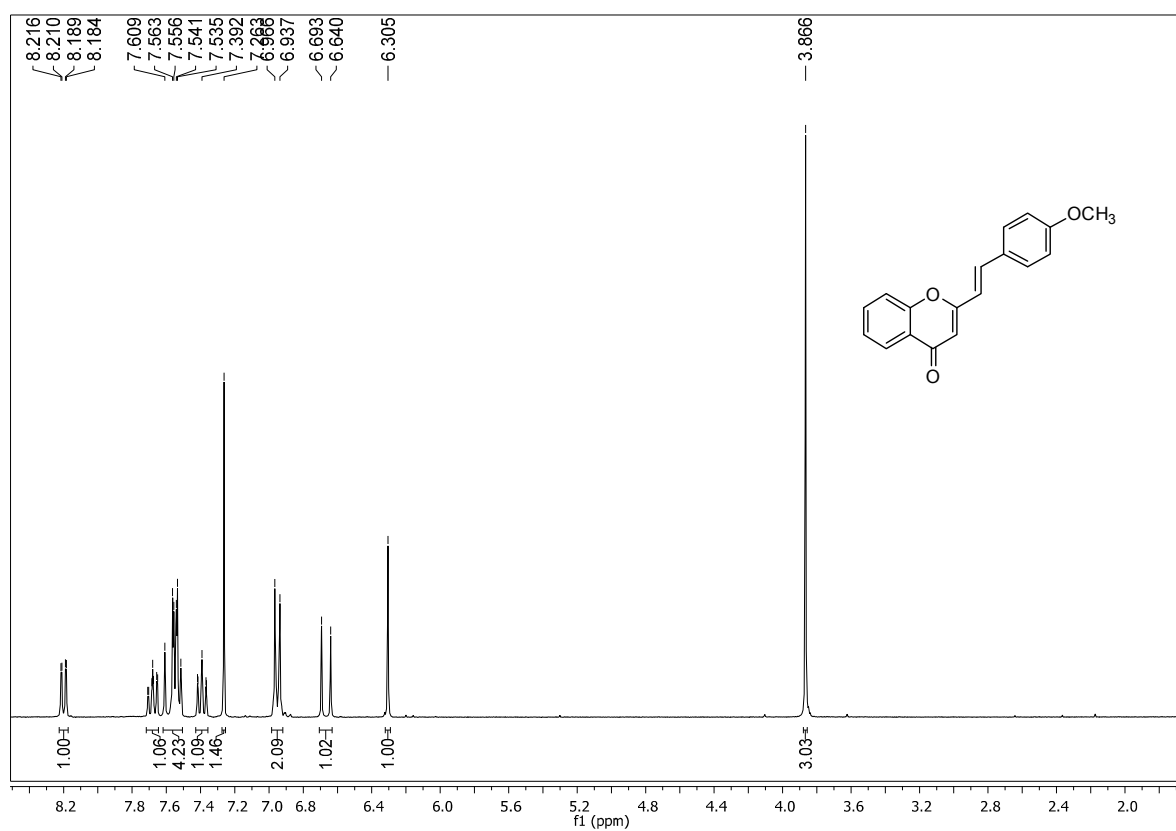


Figure S3. *Cont.*

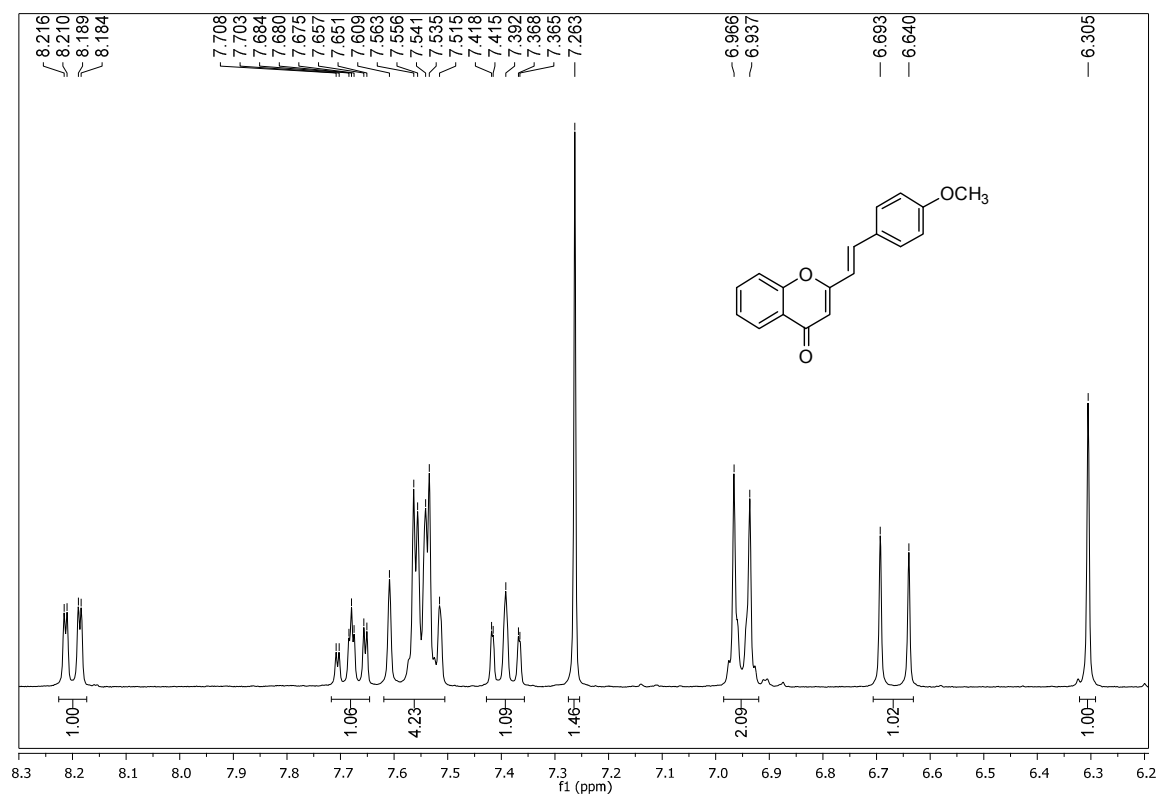


Figure S3. ¹H-NMR spectrum of (*E*)-2-[2-(4-methoxyphenyl)vinyl]-4*H*-chromen-4-one **5b** (CDCl₃, 300.13 MHz).

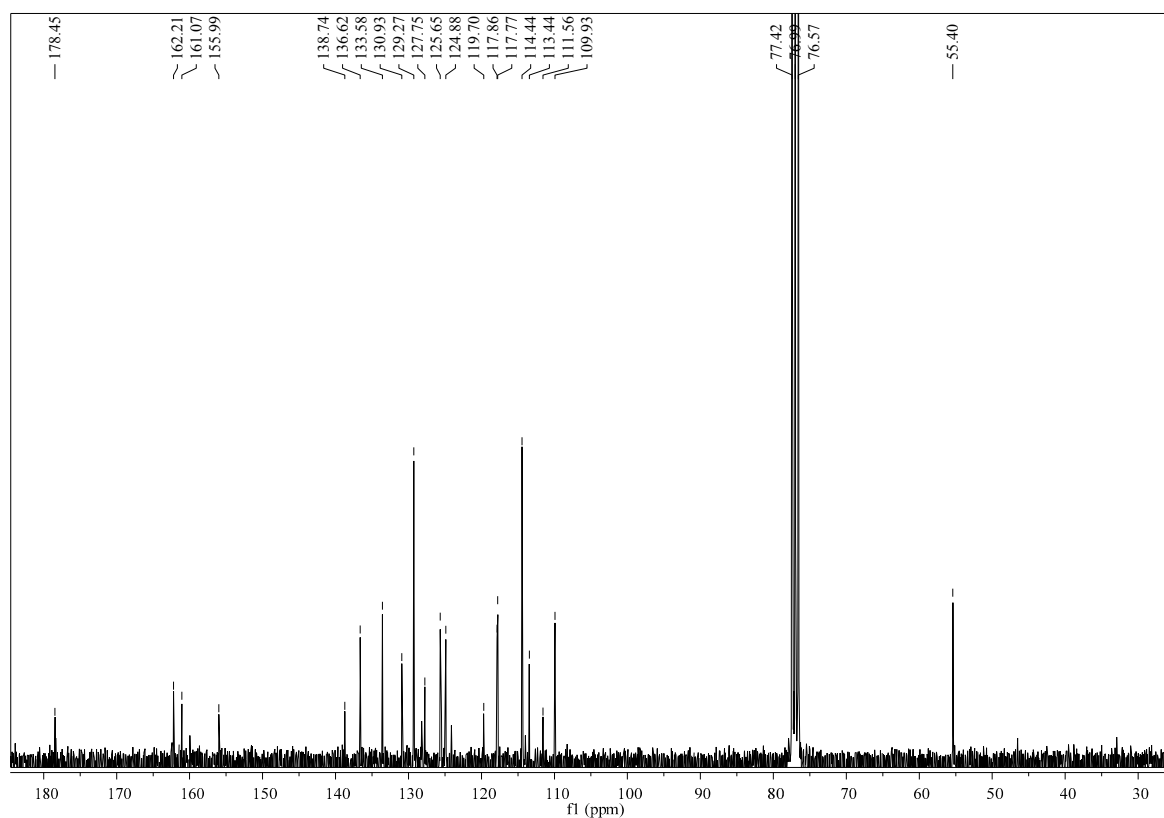


Figure S4. ¹³C-NMR spectrum of (*E*)-2-[2-(4-methoxyphenyl)vinyl]-4*H*-chromen-4-one **5b** (CDCl₃, 75.47 MHz).

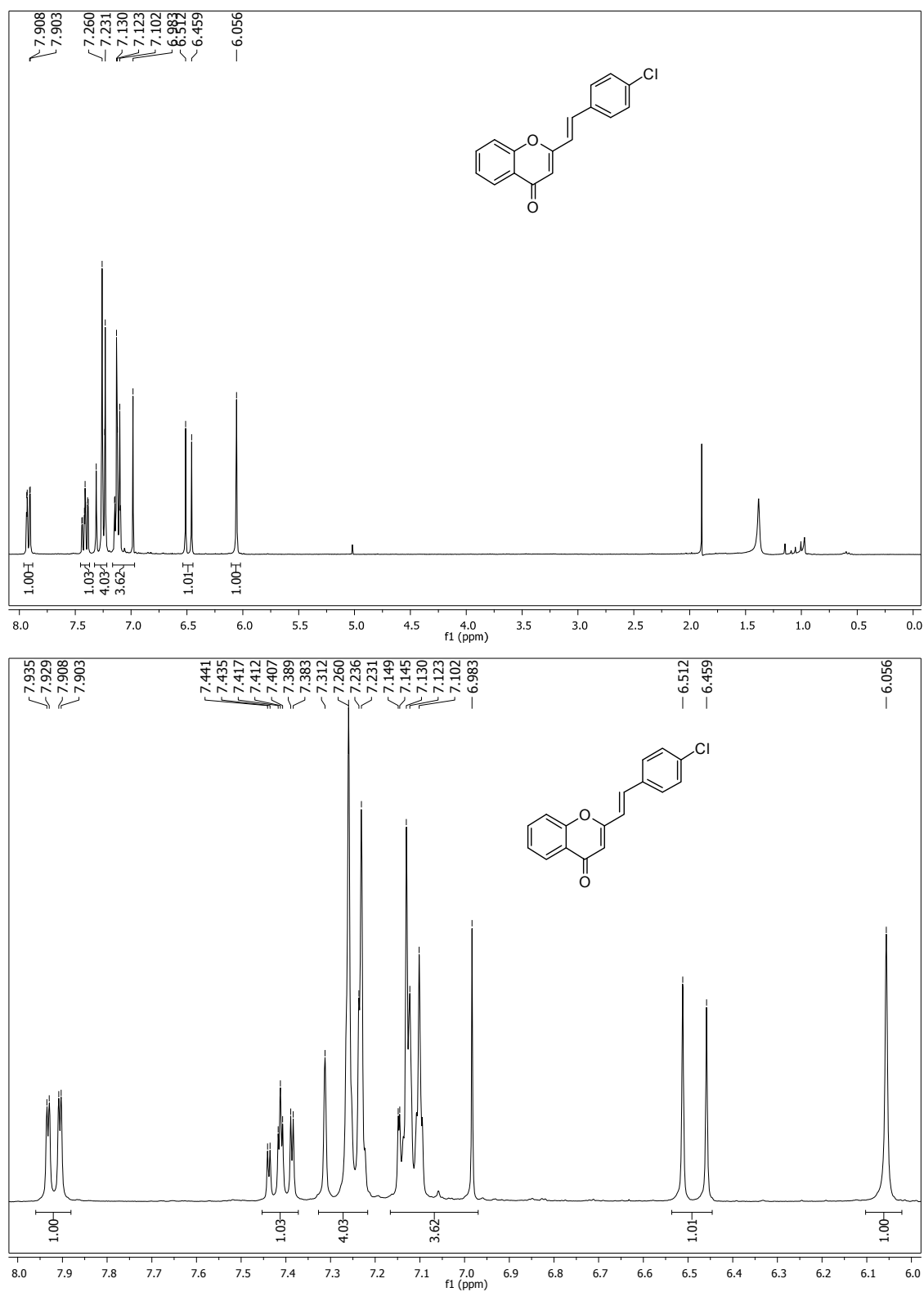


Figure S5. ^1H -NMR spectrum of *(E)*-2-[2-(4-chlorophenyl)vinyl]-4*H*-chromen-4-one **5c** (CDCl_3 , 300.13 MHz).

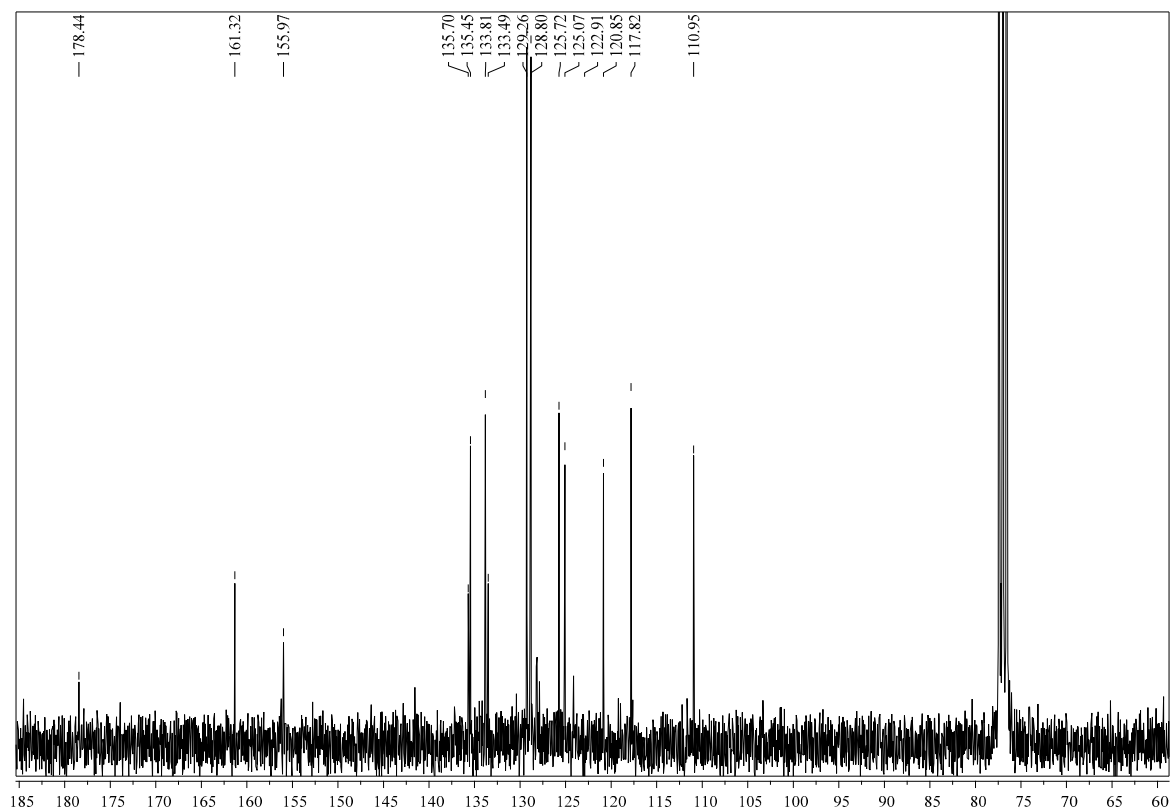


Figure S6. ^{13}C -NMR spectrum of (*E*)-2-[2-(4-chlorophenyl)vinyl]-4*H*-chromen-4-one **5c** (CDCl_3 , 75.47 MHz).

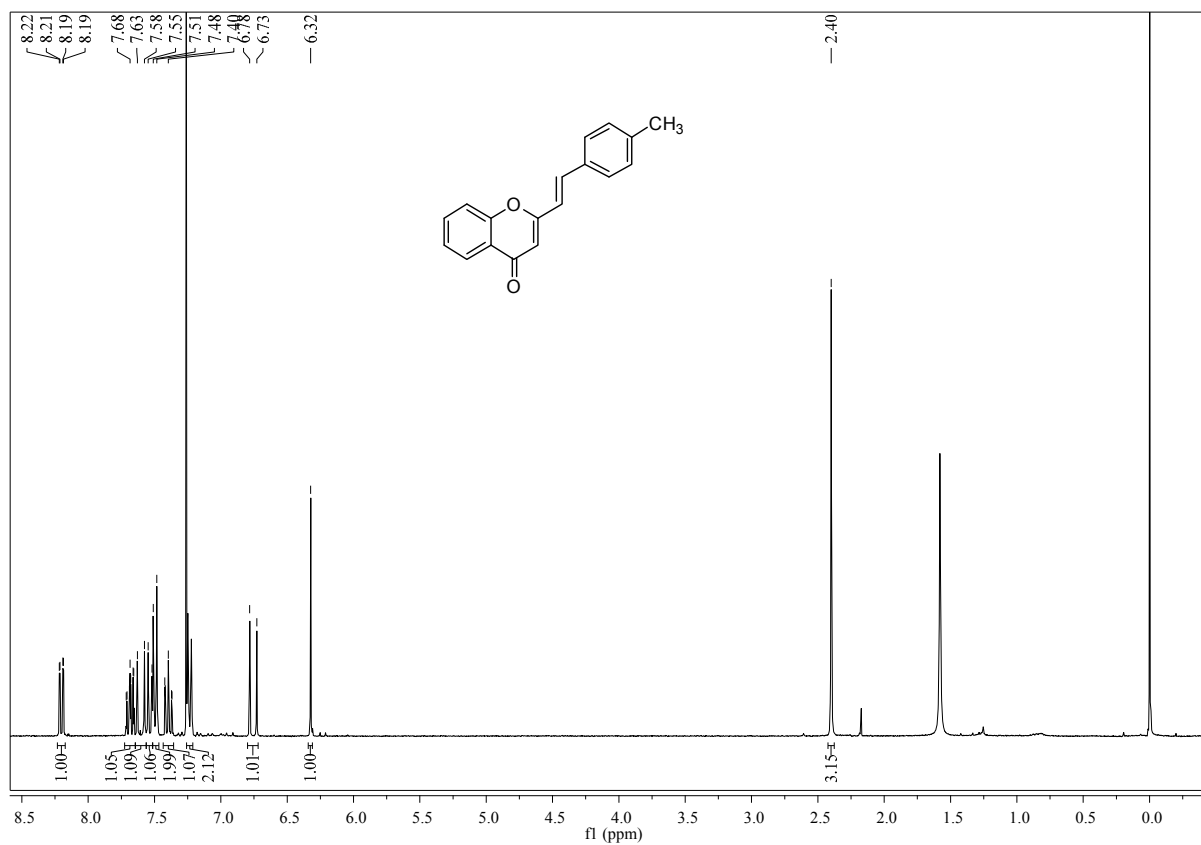


Figure S7. Cont.

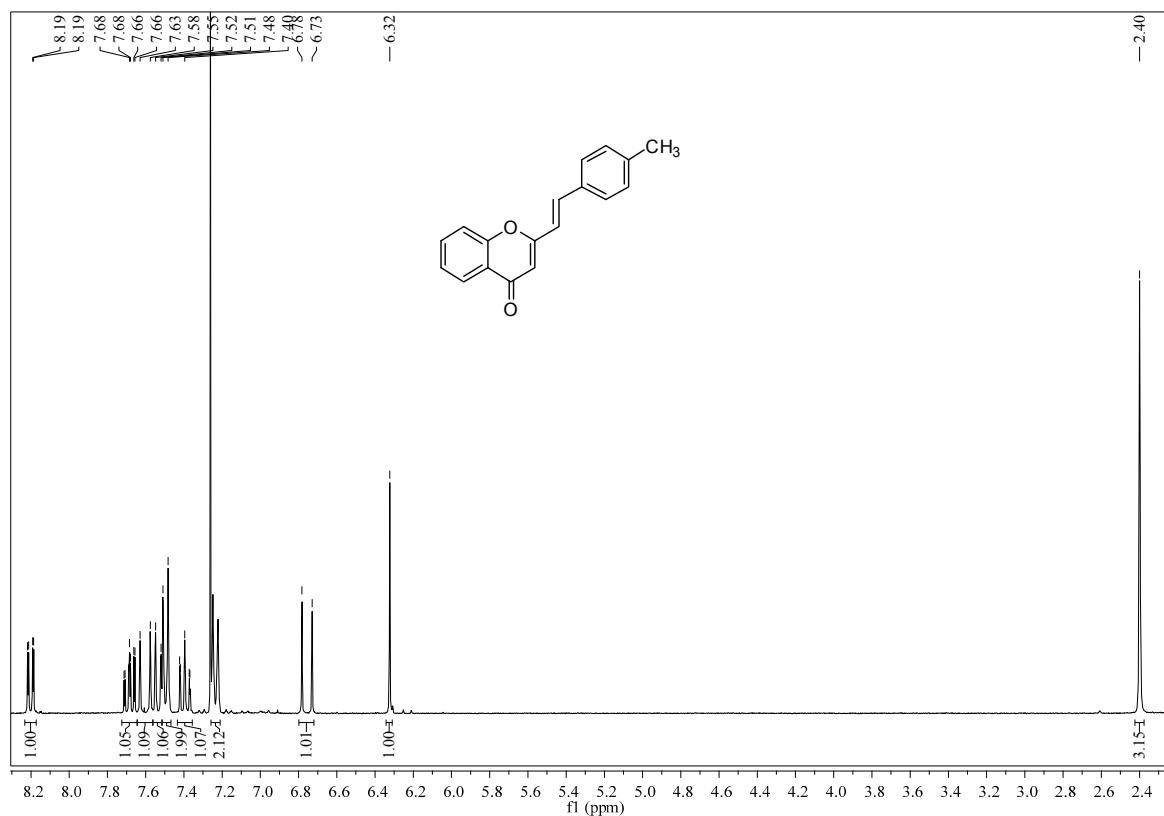


Figure S7. ¹H-NMR spectrum of (*E*)-2-[2-(4-methylphenyl)vinyl]-4*H*-chromen-4-one **5d** (CDCl₃, 300.13 MHz).

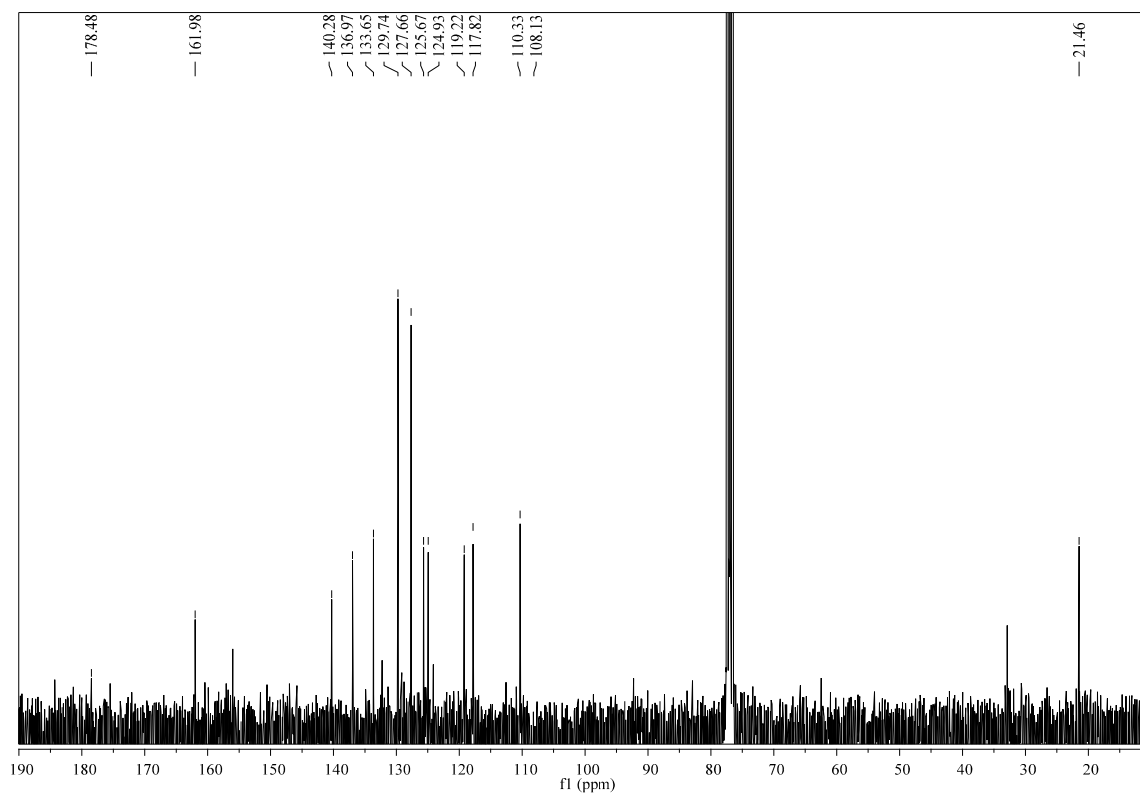


Figure S8. ¹³C-NMR spectrum of (*E*)-2-[2-(4-methylphenyl)vinyl]-4*H*-chromen-4-one **5d** (CDCl₃, 75.47 MHz).

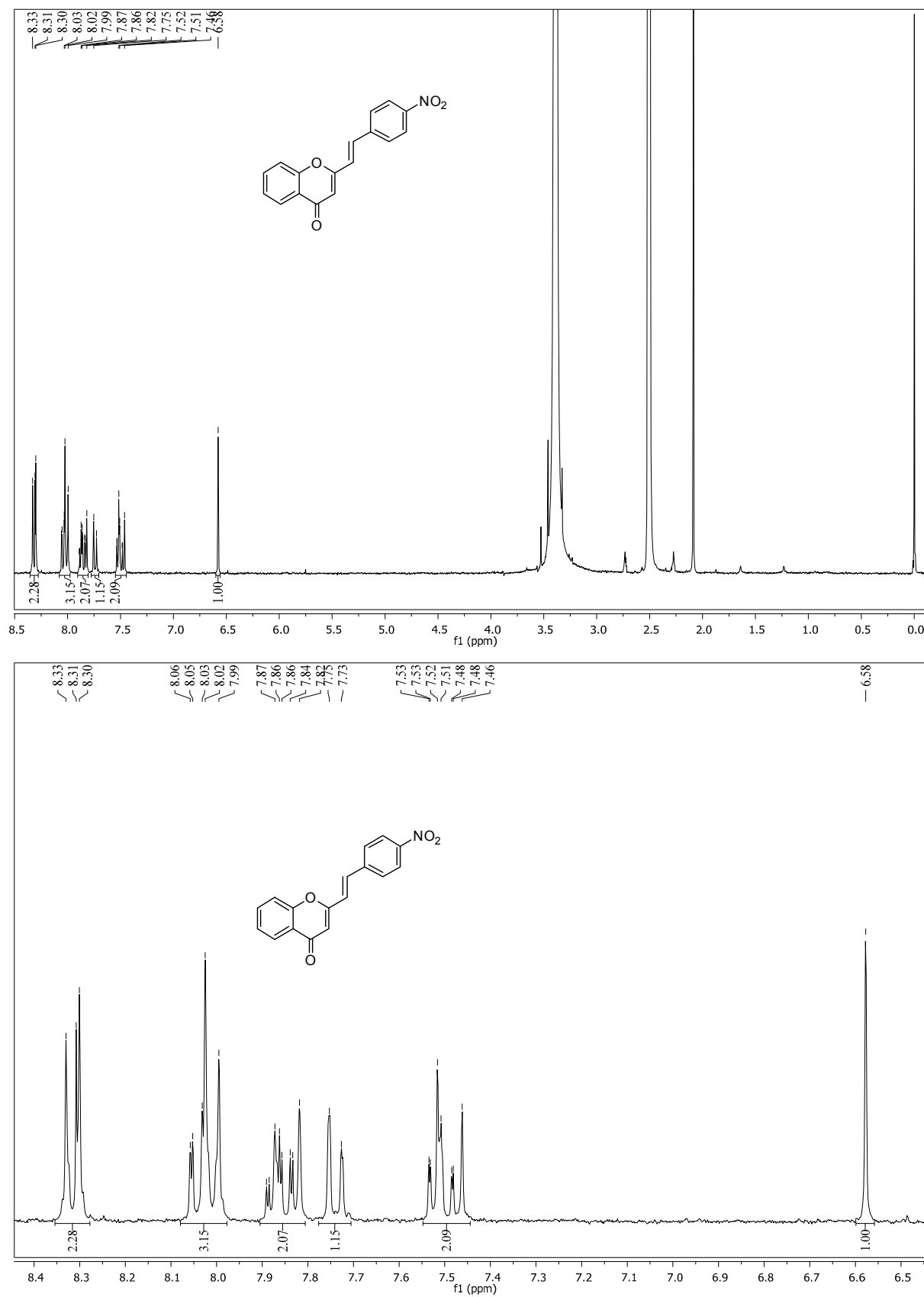


Figure S9. ^1H -NMR spectrum of *(E)*-2-[2-(4-nitrophenyl)vinyl]-4*H*-chromen-4-one **5e** ($\text{DMSO}-d_6$, 300.13 MHz).

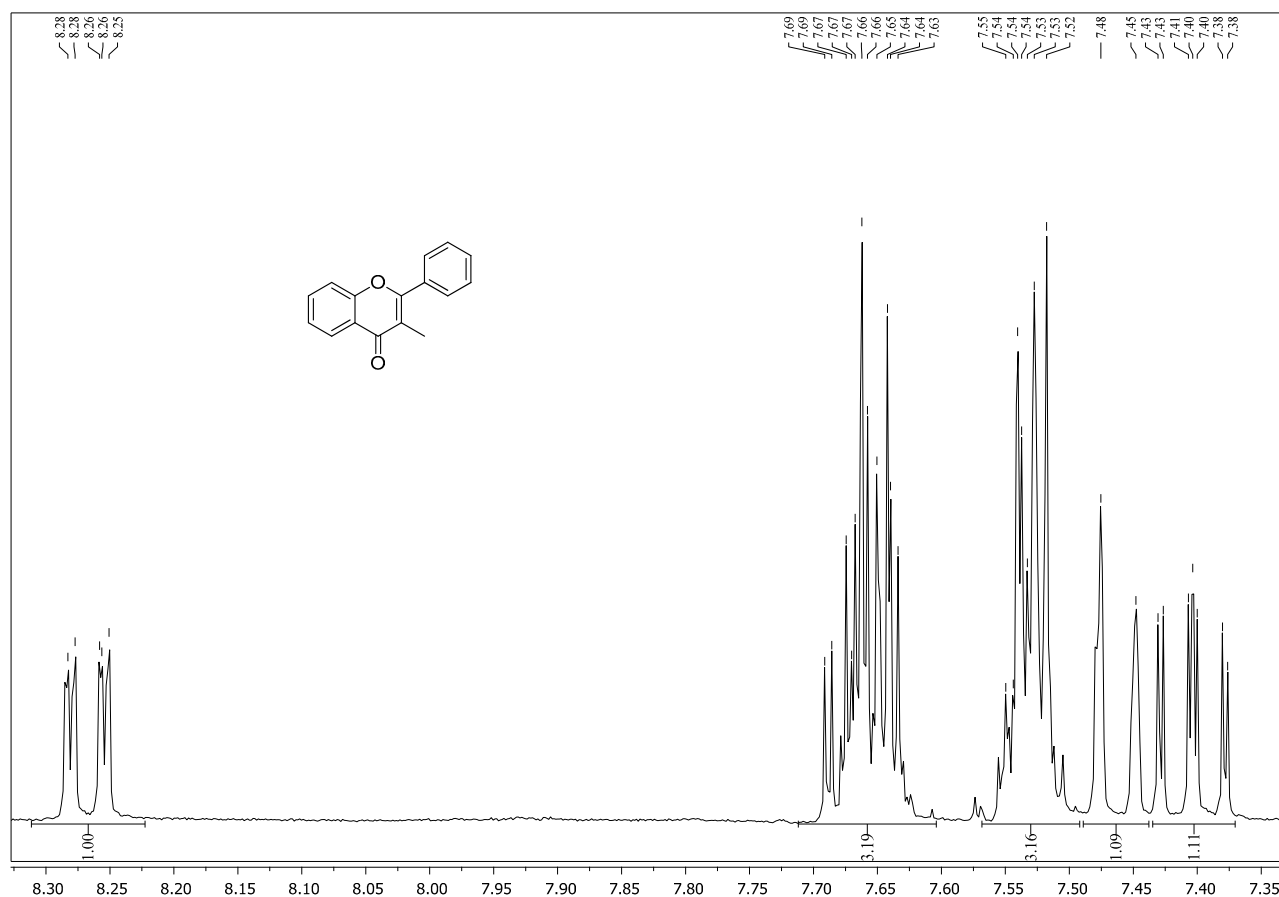


Figure S10. ¹H-NMR spectrum of 3-methylflavone **7a** (CDCl₃, 300.13 MHz).

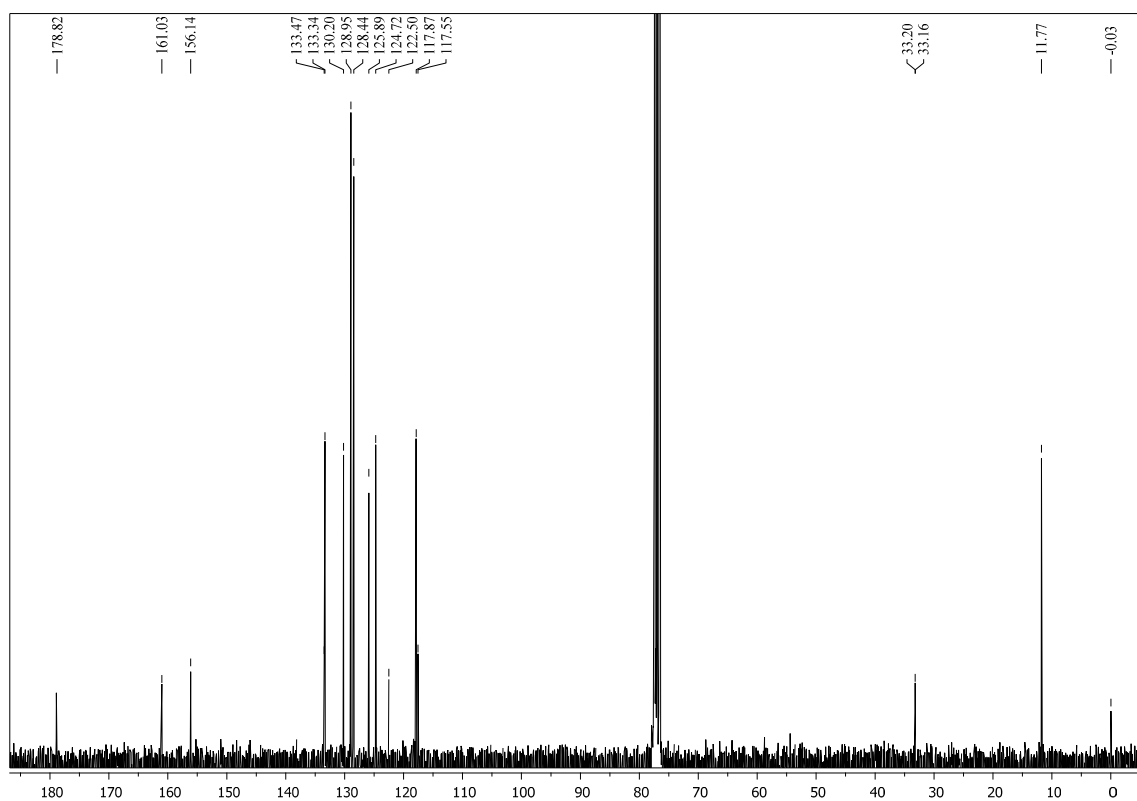


Figure S11. ¹³C-NMR spectrum of 3-methylflavone **7a** (CDCl₃, 75.47 MHz).

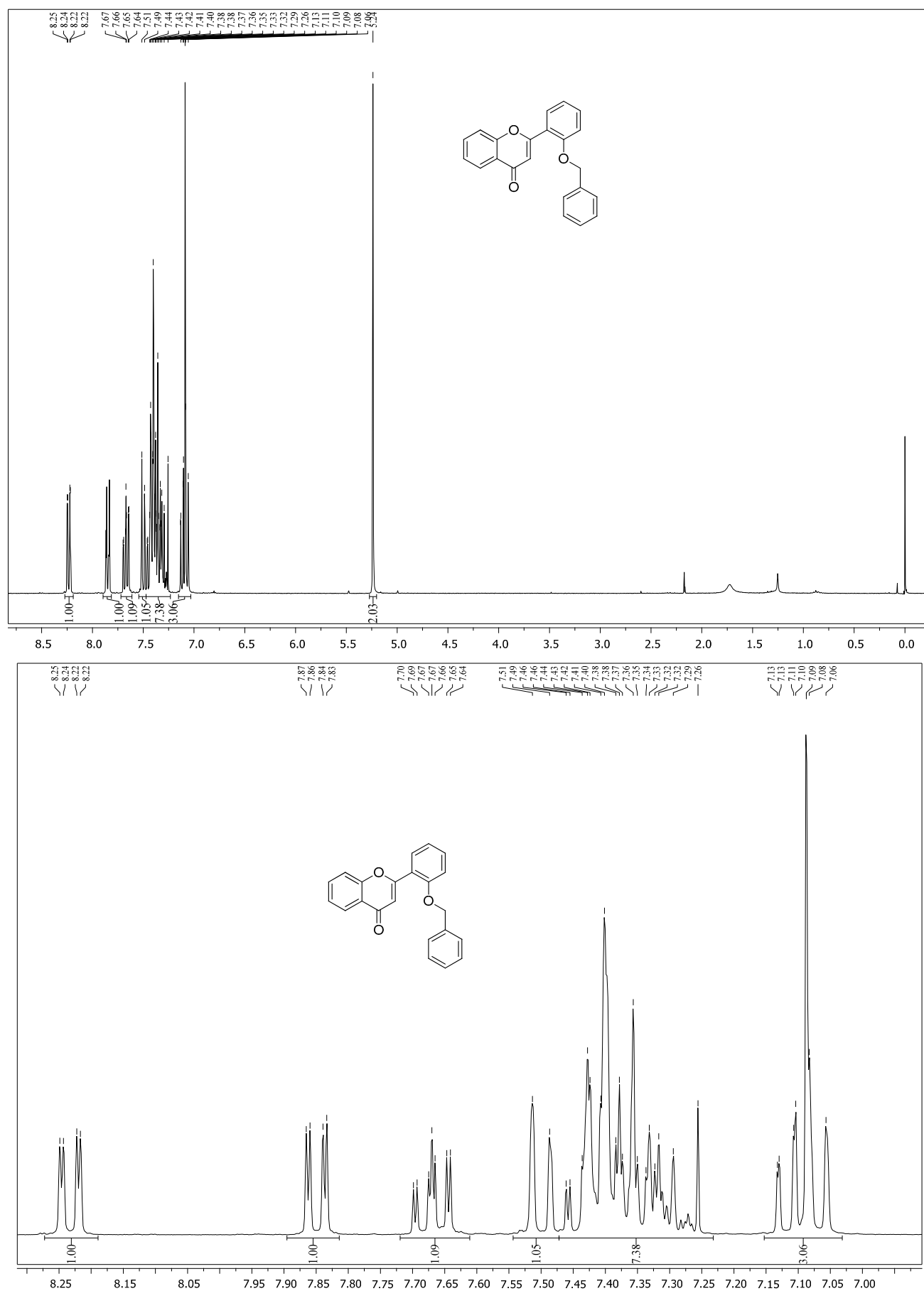


Figure S12. ^1H -NMR spectrum of 2'-benzyloxyflavone **7b** (CDCl₃, 300.13 MHz).

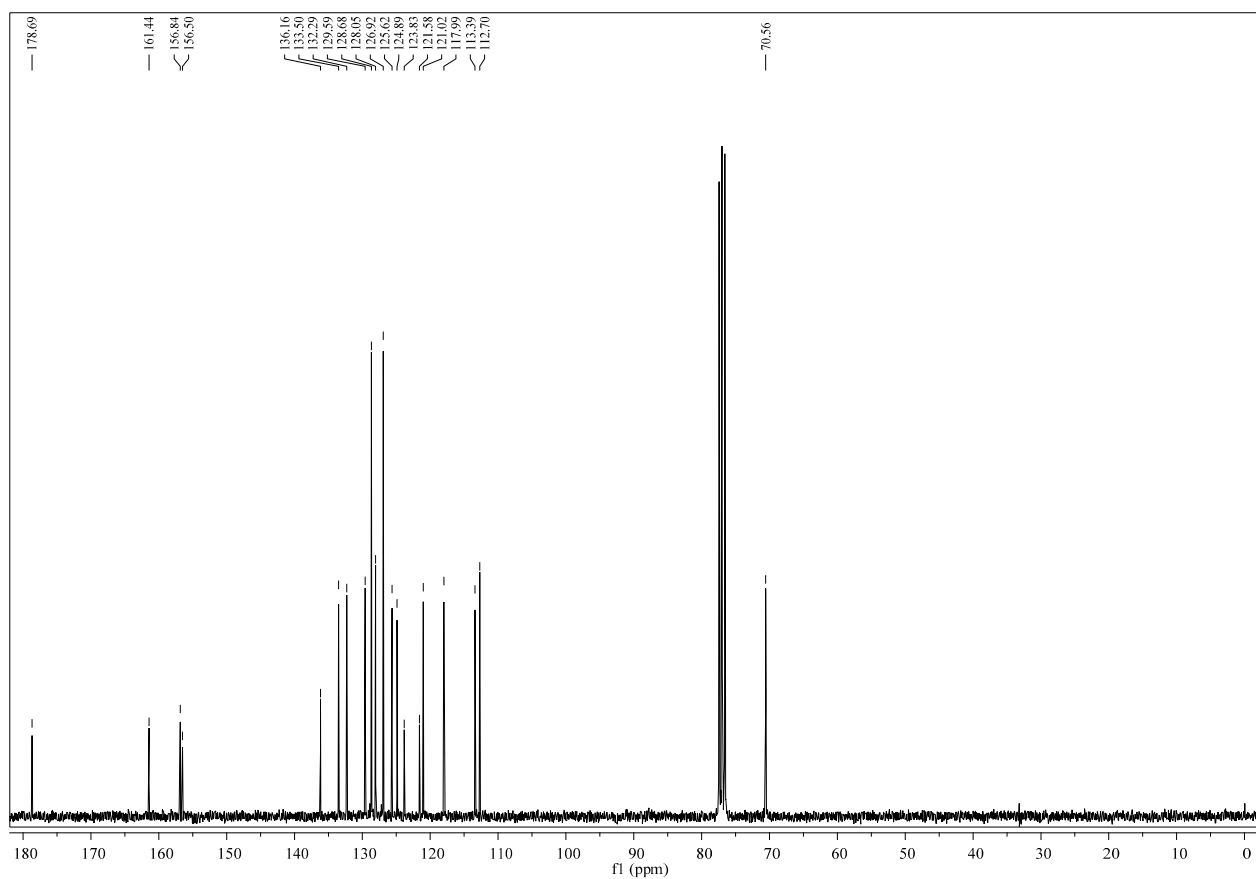


Figure S13. ¹³C-NMR spectrum of 2'-benzyloxyflavone **7b** (CDCl₃, 75.47 MHz).

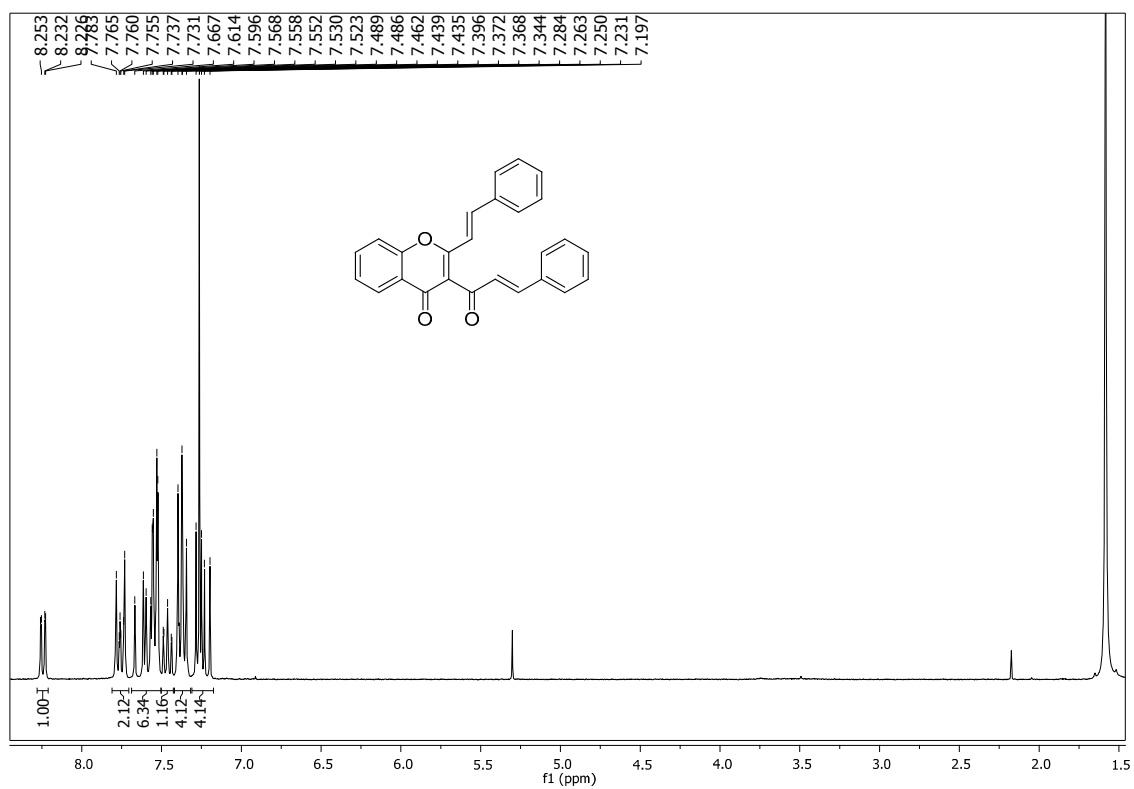


Figure S14. Cont.

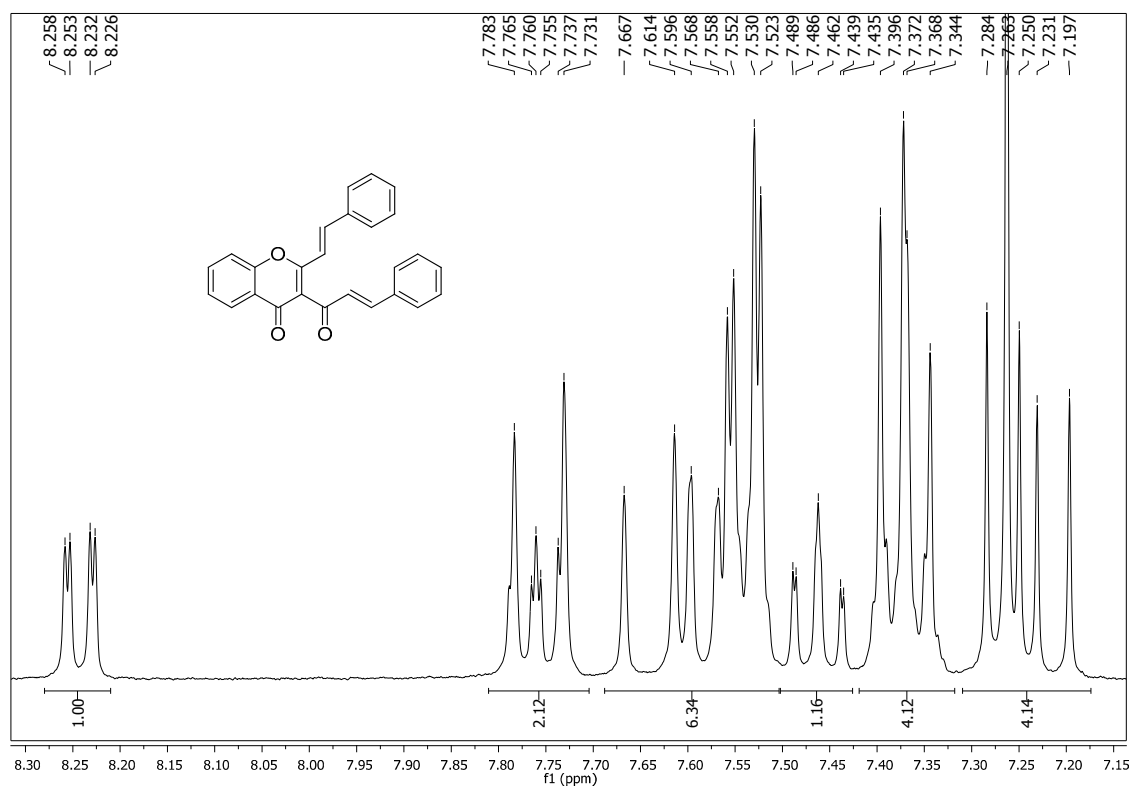


Figure S14. ¹H-NMR spectrum of 3-cinnamoyl-2-((*E*)-styryl)-4*H*-chromen-4-one **8** (CDCl₃, 300.13 MHz).