

Supporting Information

Org. Commun. 13:1 (2020) 19-27

Synthesis and characterization of some novel fluoro and methoxy substituted chalcone derivatives via nucleophilic aromatic substitution

Derya Aktaş Anıl¹ and M. Fatih Polat^{2*}

¹ Department of Chemistry and Chemical Process Technologies, Erzurum Vocational School, Atatürk University, 25240, Erzurum, Türkiye

² Department of Pharmaceutical Basic Sciences, Faculty of Pharmacy, Erzincan Binali Yıldırım University, 24100, Erzincan, T Türkiye

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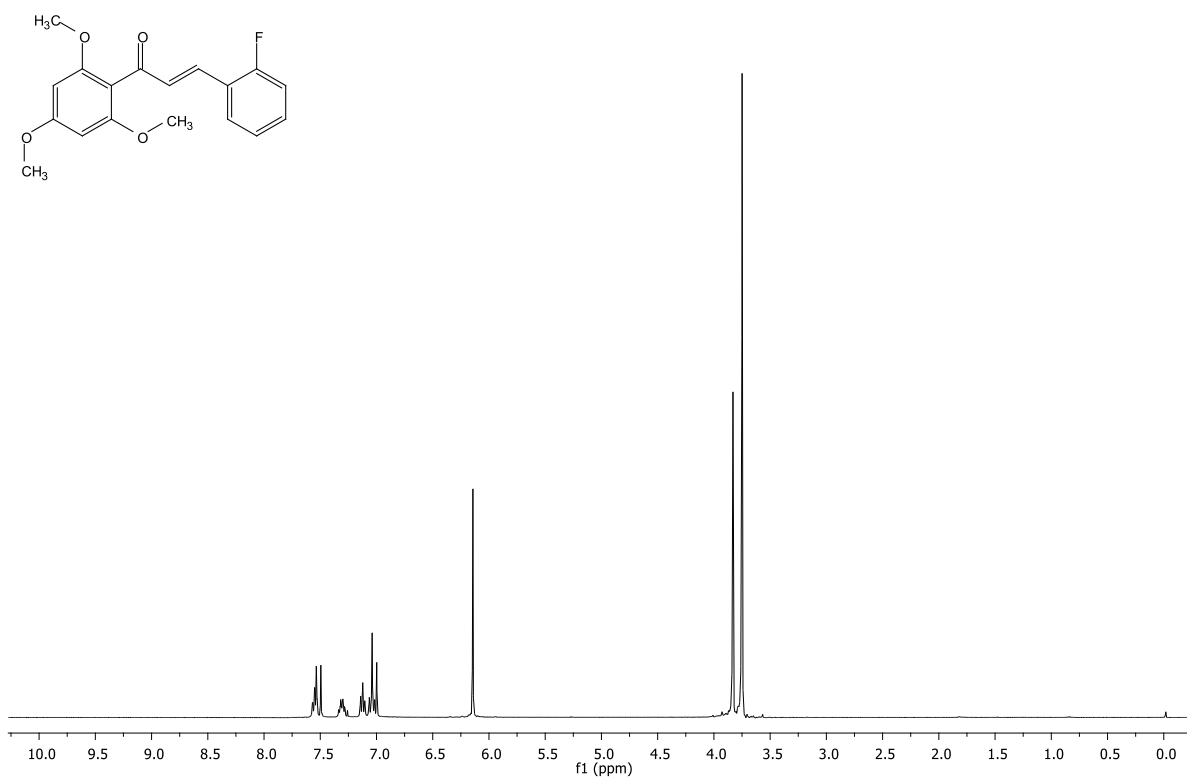


Figure S1: ¹H-NMR (400 MHz, CDCl₃) Spectrum of **7**

das
das 422-1 ¹³C NMR

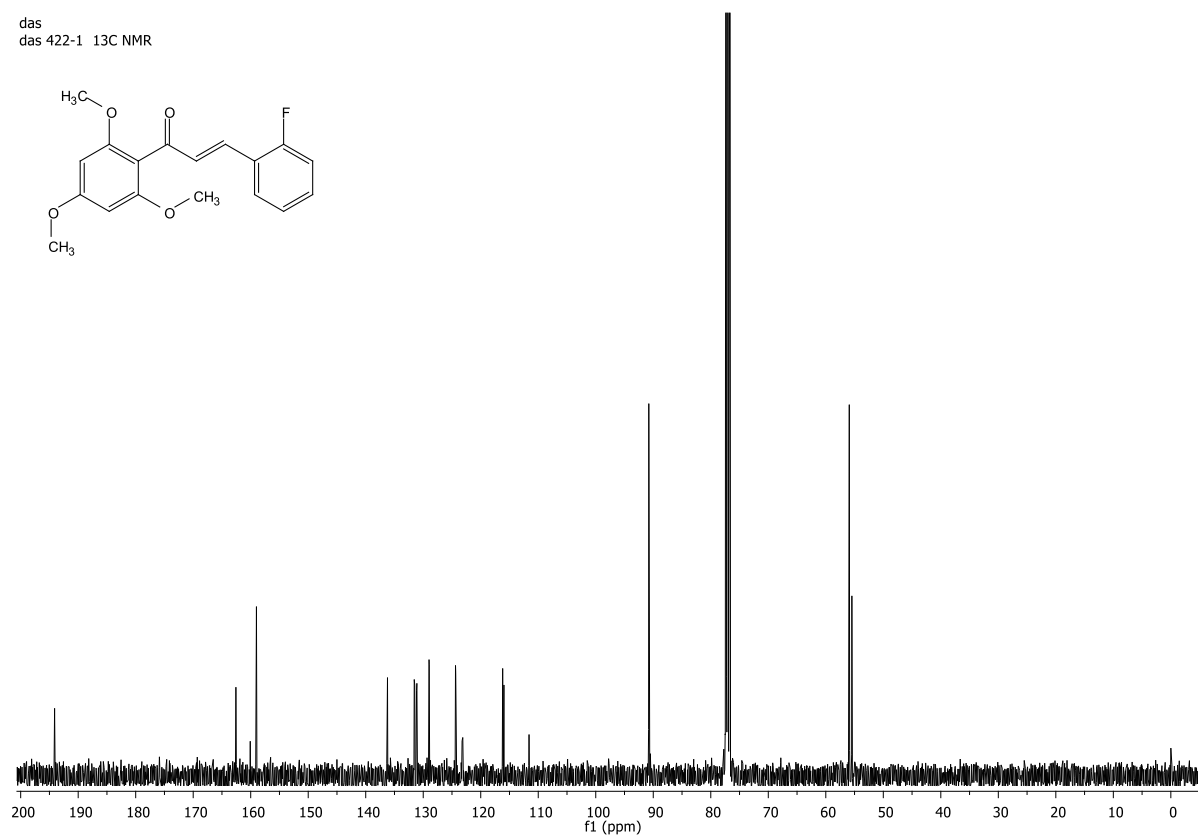


Figure S2: ¹³C-NMR (100 MHz, CDCl₃) Spectrum of **7**

agk-280616-1hnmr.fid 27 4F
STANDARD 1H OBSERVE

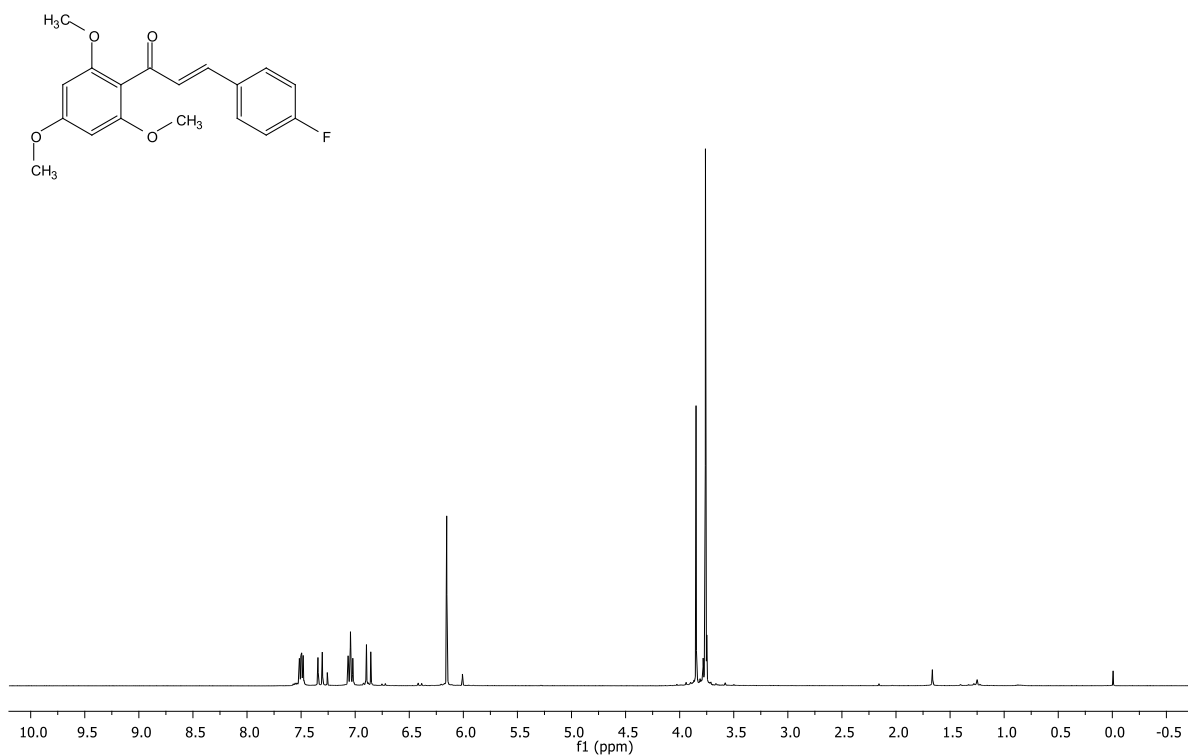


Figure S3: ^1H -NMR (400 MHz, CDCl_3) Spectrum of **8**

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13C OBSERVE

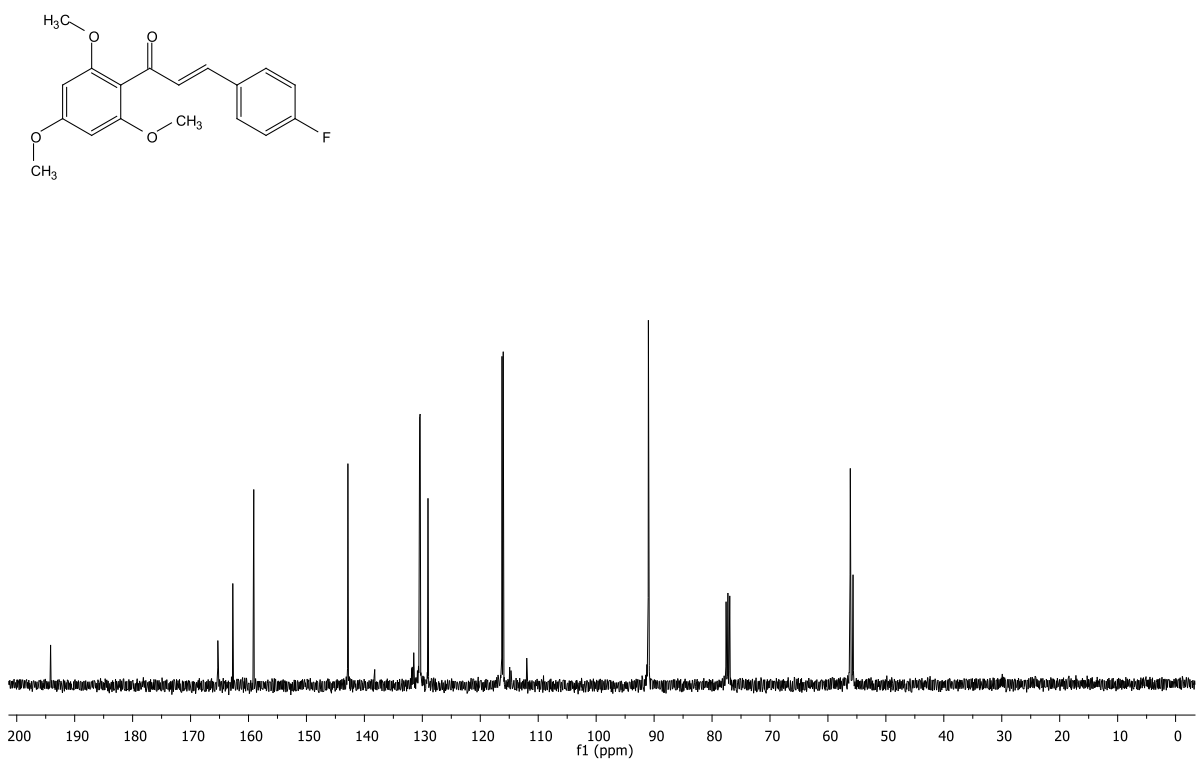


Figure S4: ¹³C-NMR (100 MHz, CDCl₃) Spectrum of **8**

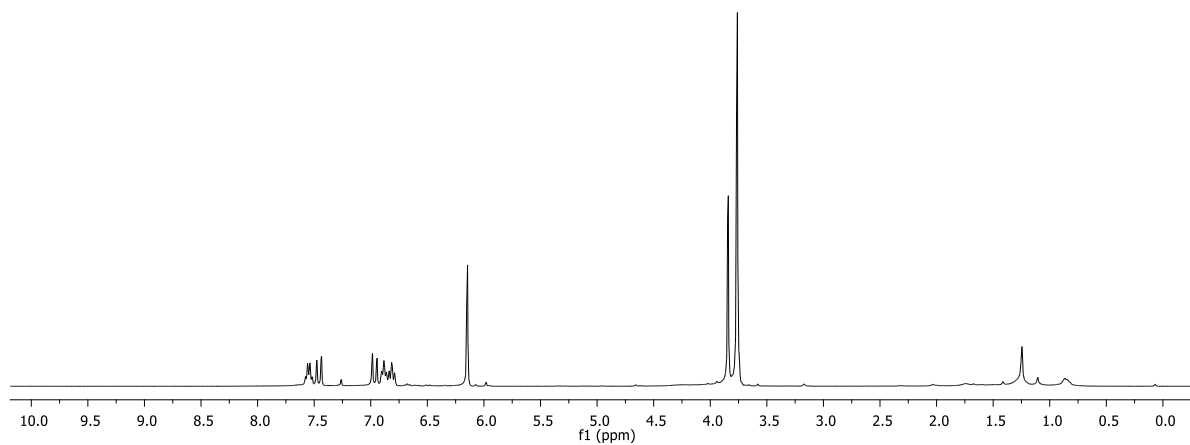
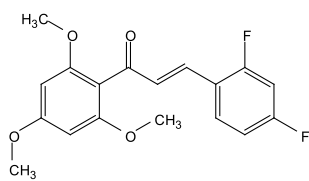


Figure S5: ¹H-NMR (400 MHz, CDCl₃) Spectrum of **9**

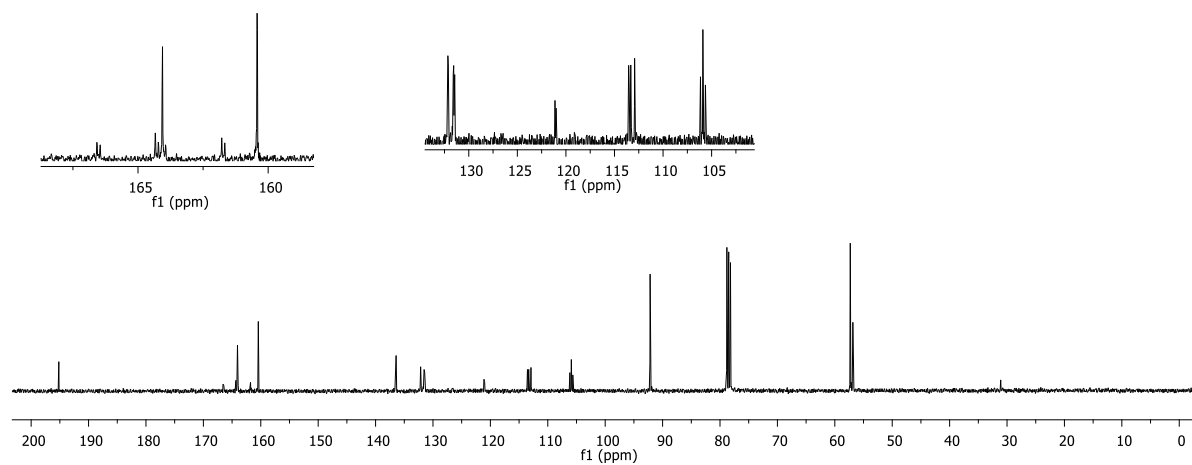
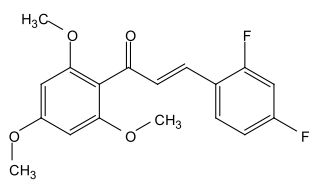


Figure S6: ^{13}C -NMR (100 MHz, CDCl_3) Spectrum of **9**

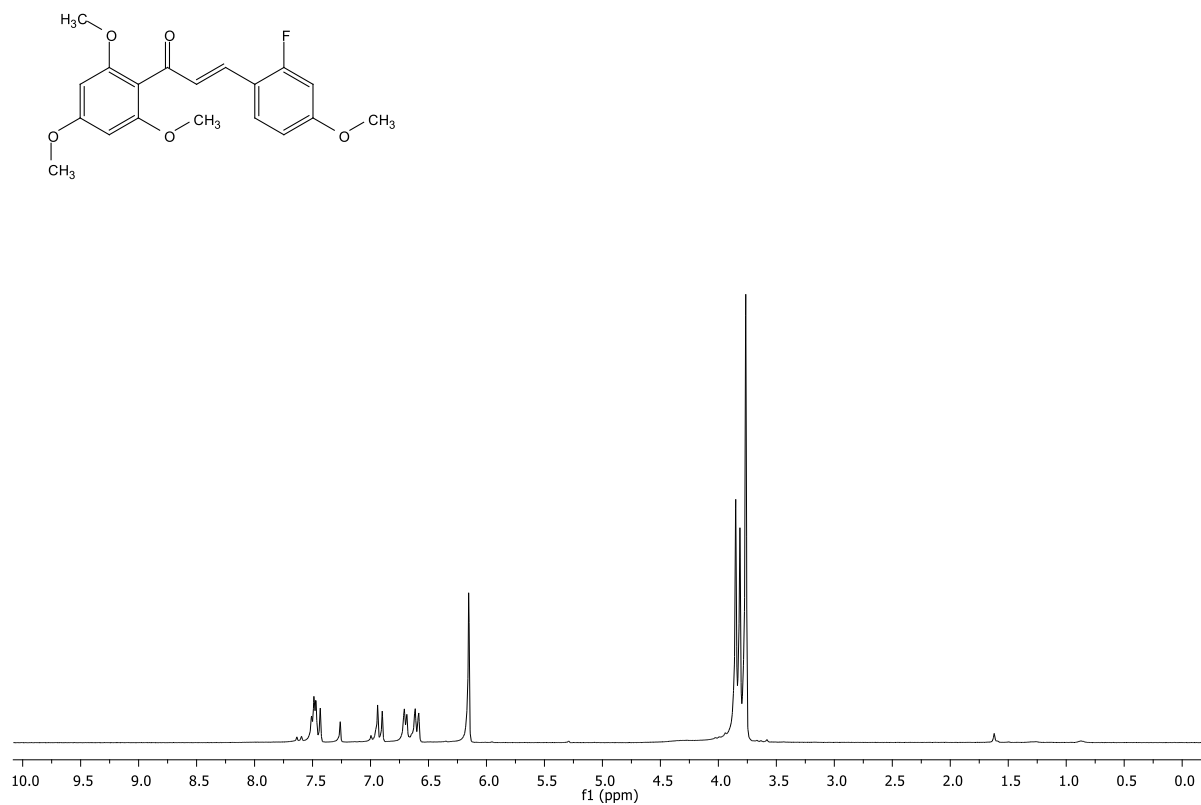


Figure S7: ^1H -NMR (400 MHz, CDCl_3) Spectrum of **10**

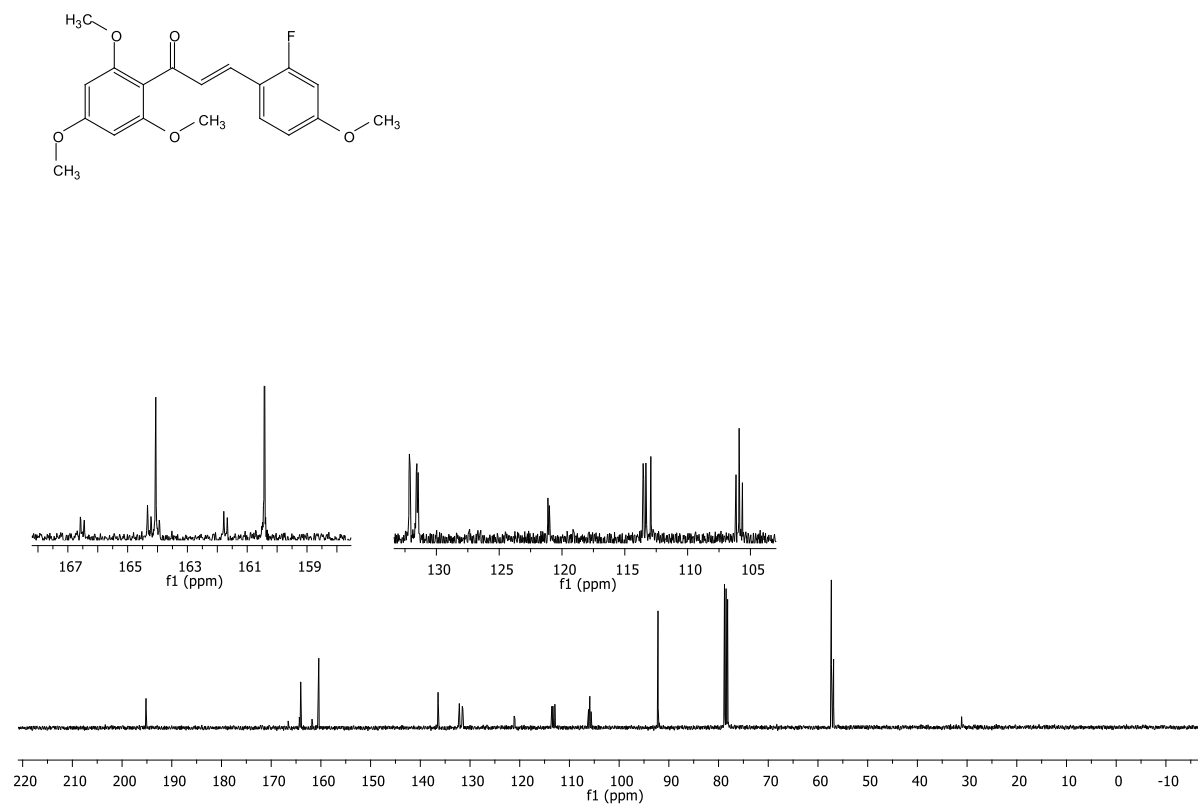


Figure S8: ^{13}C -NMR (100 MHz, CDCl_3) Spectrum of **10**

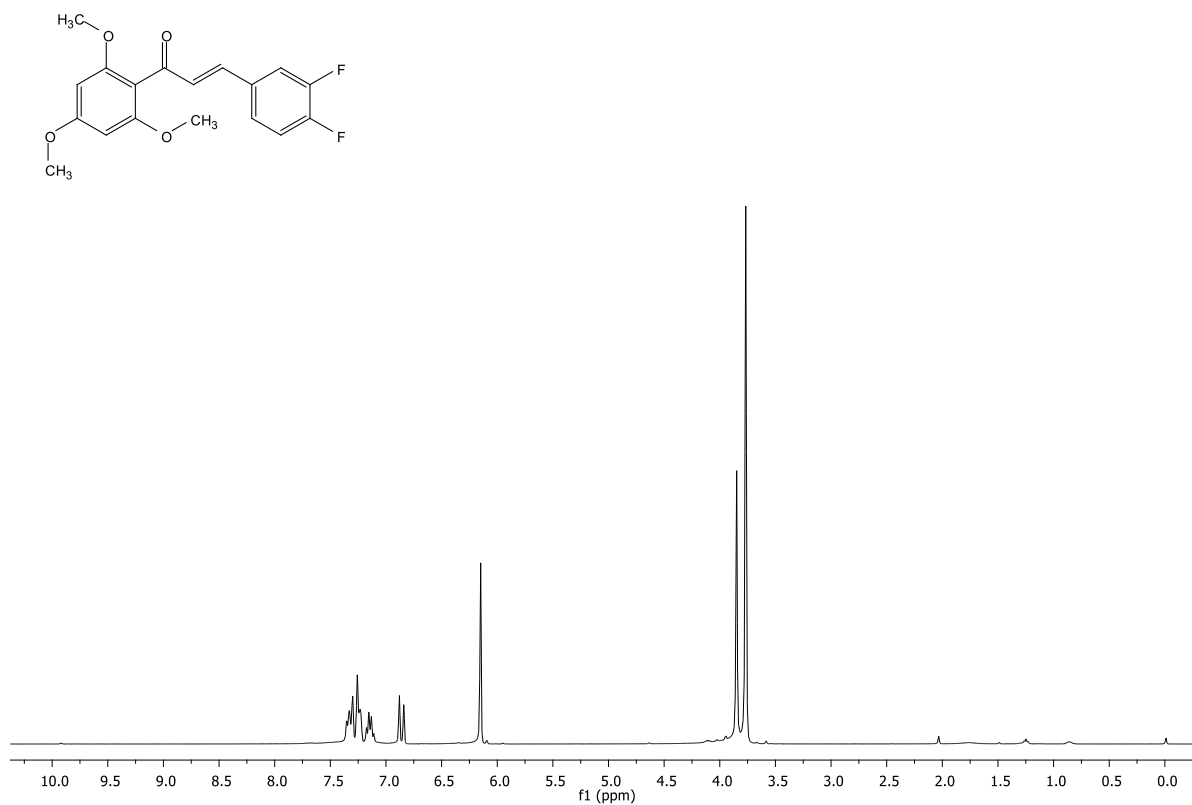
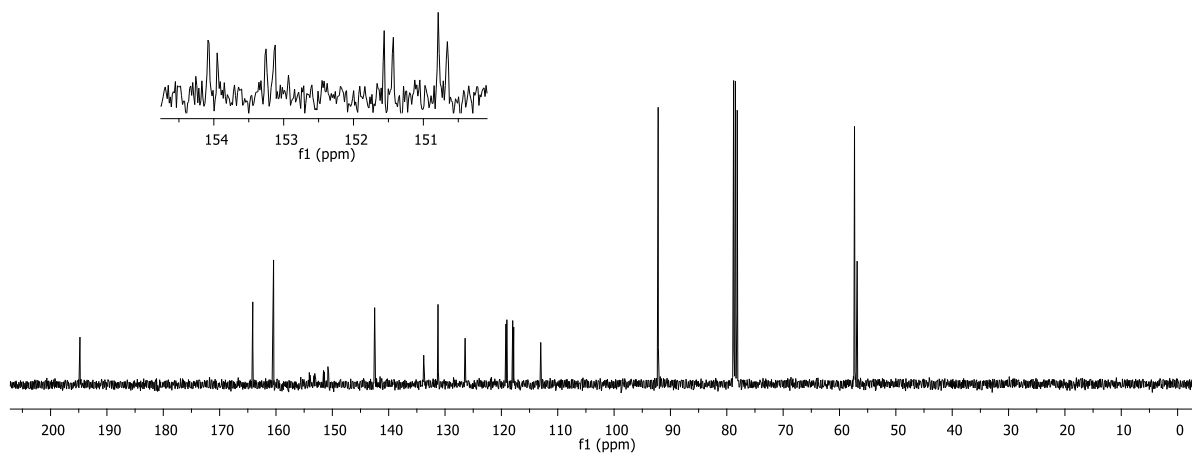


Figure S9: ^1H -NMR (400 MHz, CDCl_3) Spectrum of **11**



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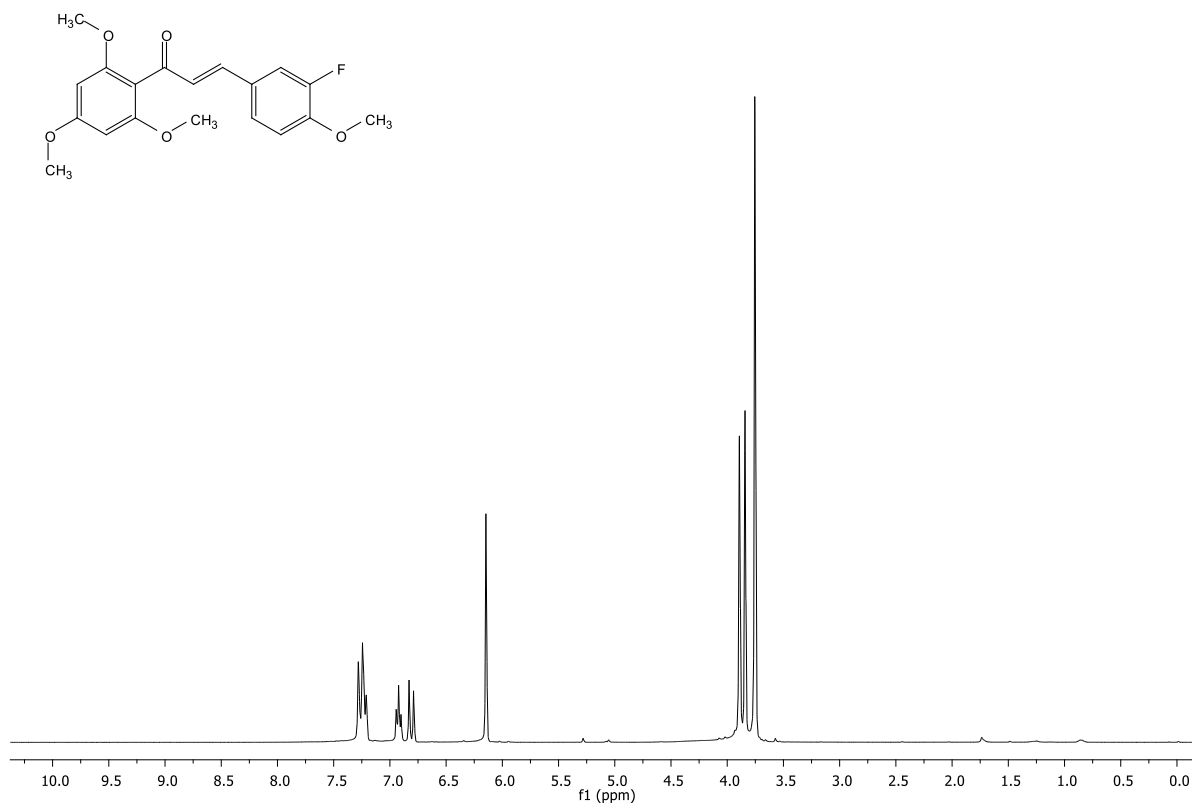


Figure S11: ¹H-NMR (400 MHz, CDCl₃) Spectrum of **12**

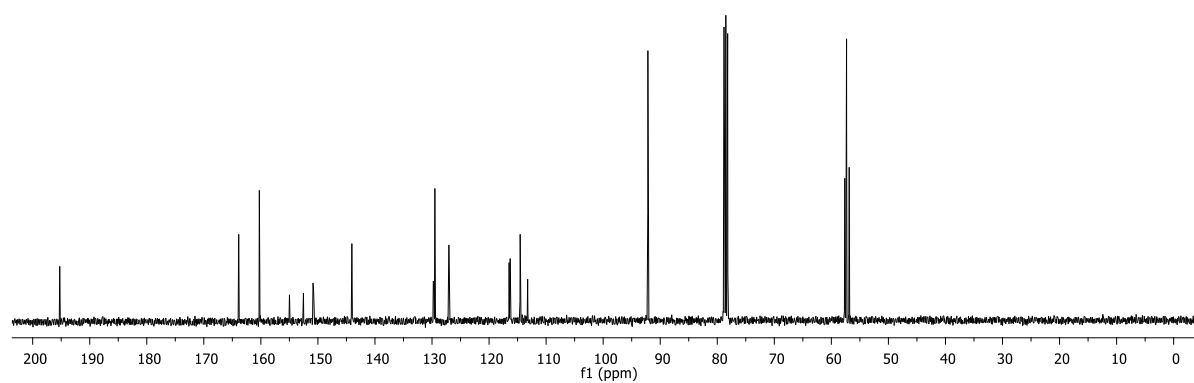
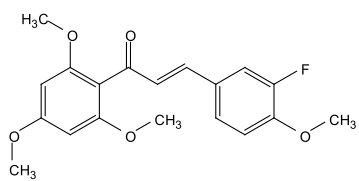


Figure S12: ^{13}C -NMR (100 MHz, CDCl_3) Spectrum of **12**

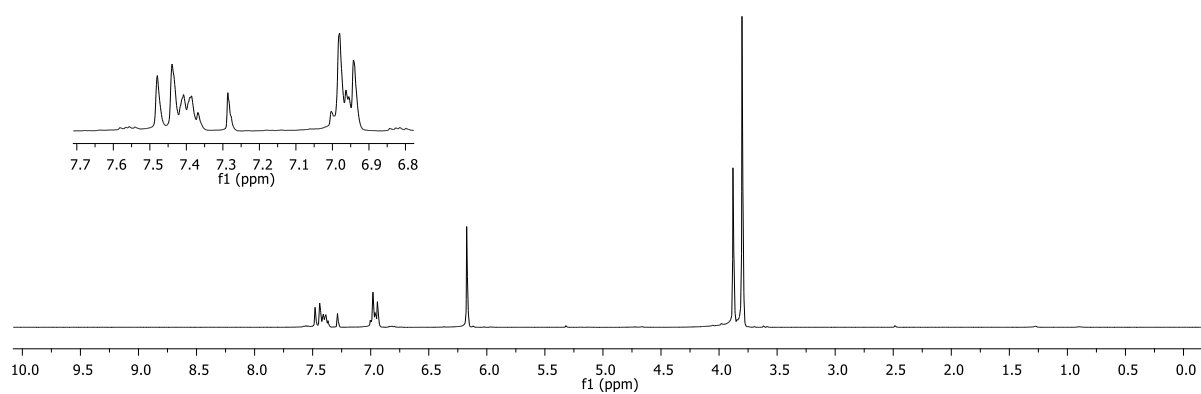
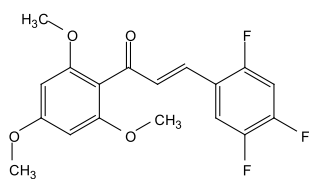


Figure S13: ^1H -NMR (400 MHz, CDCl_3) Spectrum of **13**

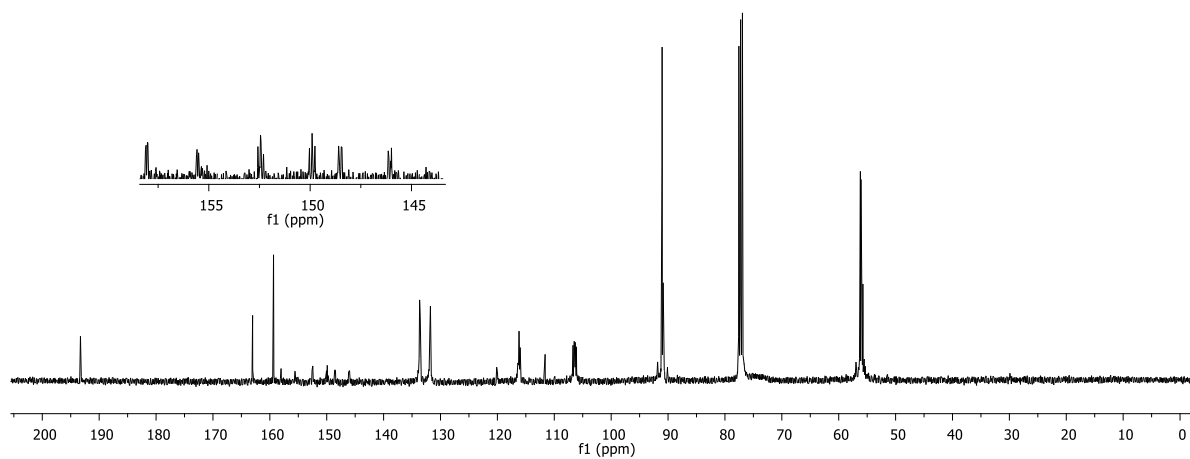
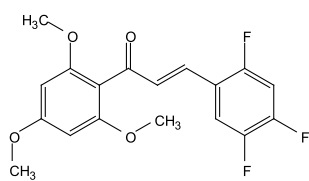


Figure S14: ^{13}C -NMR (100 MHz, CDCl_3) Spectrum of **13**

agk-34-1hnmr
STANDARD 1H OBSERVE

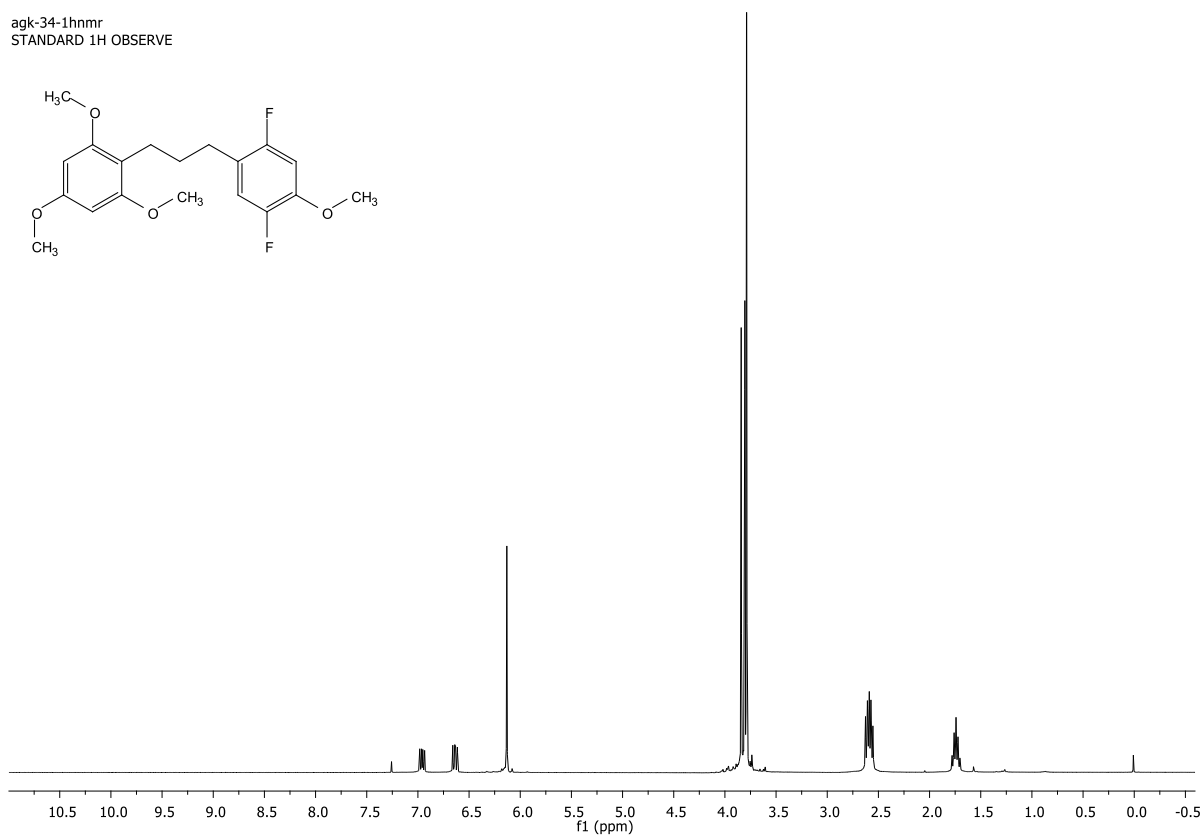


Figure S15: ¹H-NMR (400 MHz, CDCl₃) Spectrum of **14**

agk-34-13cnmr
13C OBSERVE

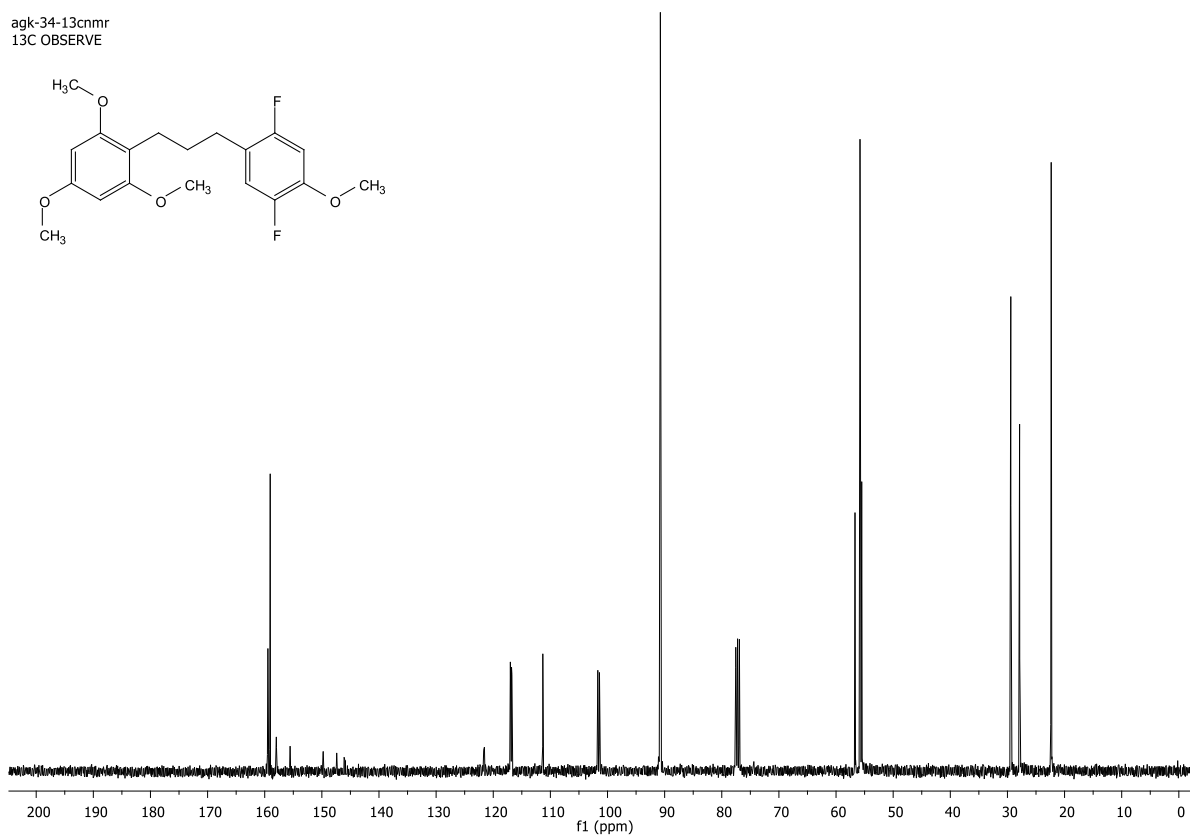


Figure S16: ^{13}C -NMR (100 MHz, CDCl_3) Spectrum of **14**