Supporting Information

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Green synthesis of 3,4-disubstituted isoxazol-5(4*H*)-one using Gluconic acid aqueous solution as an efficient recyclable medium

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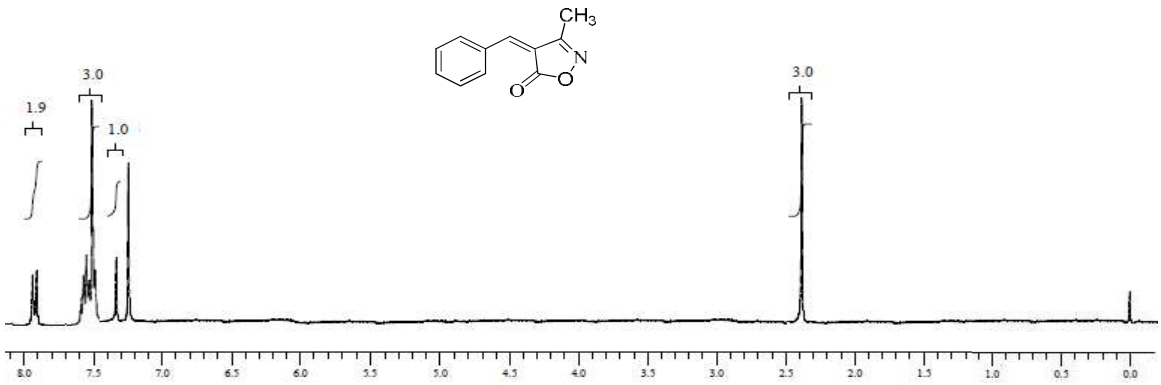

Figure S1: ^{1}H-NMR (300 MHz, $CDCl_3$), Spectrum of Compound **4a**

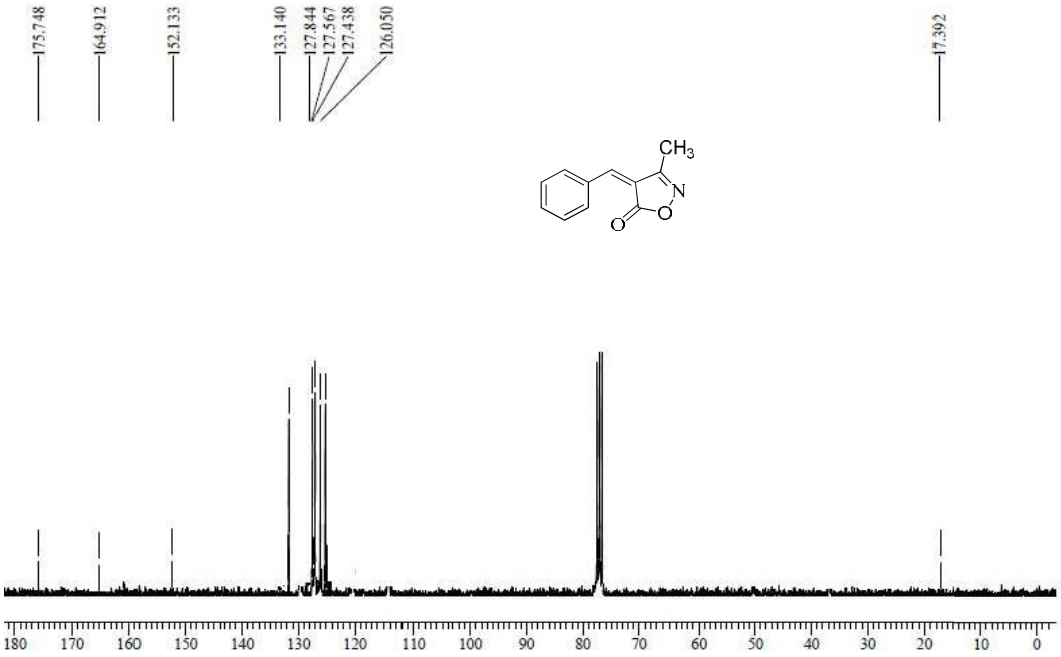

Figure S2: ^{13}C-NMR (75 MHz, $CDCl_3$) Spectrum of **4a**

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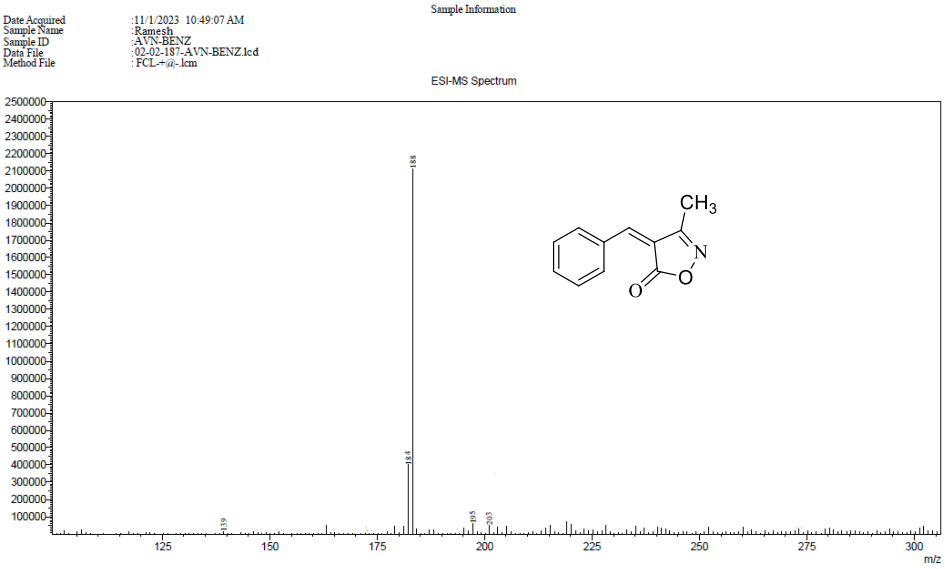
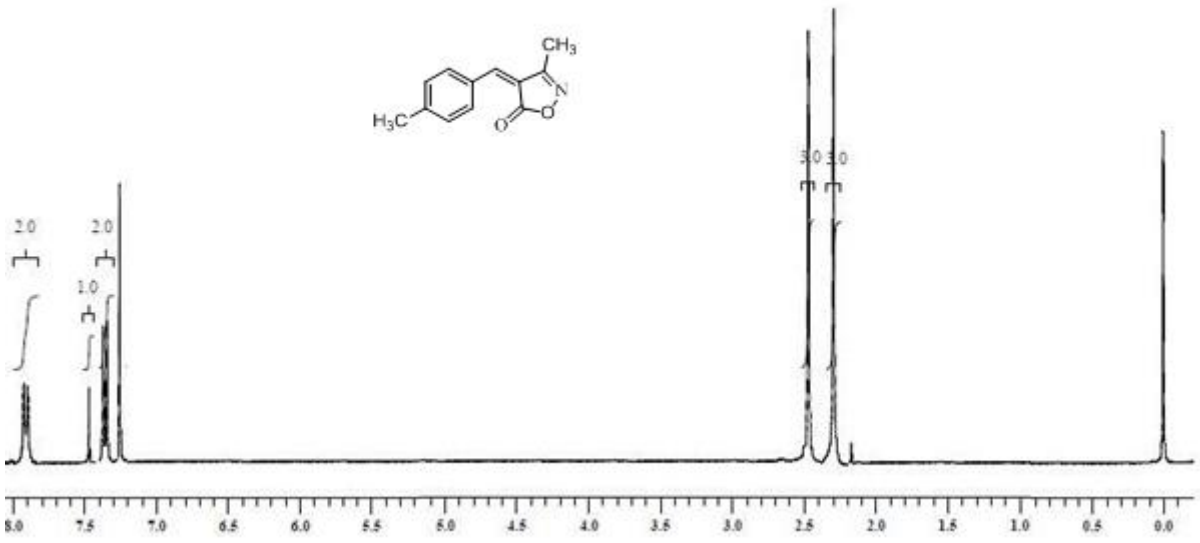


Figure S3: ESI-MS Spectrum of Compound **4a**



c

Figure S4: ^{1}H-NMR (300 MHz, $CDCl_3$), Spectrum of Compound **4b**

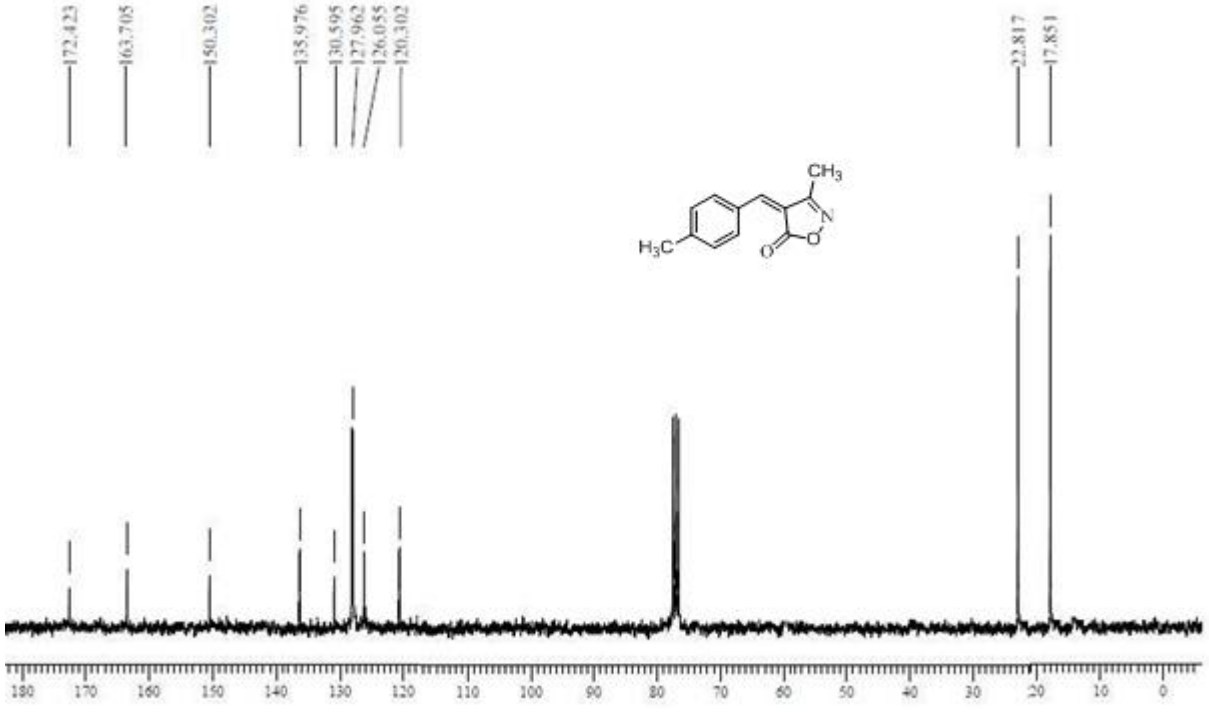


Figure S5: ^{13}C-NMR (75 MHz, $CDCl_3$) Spectrum of **4b**

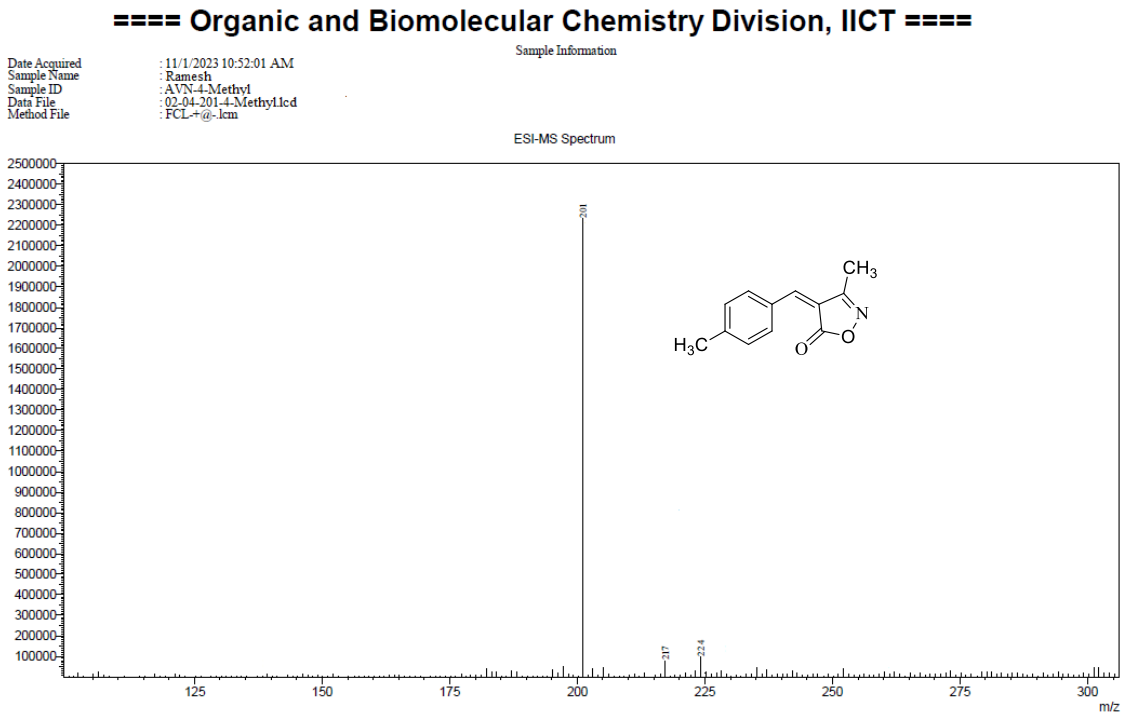


Figure S6: ESI-MS Spectrum of Compound **4b**

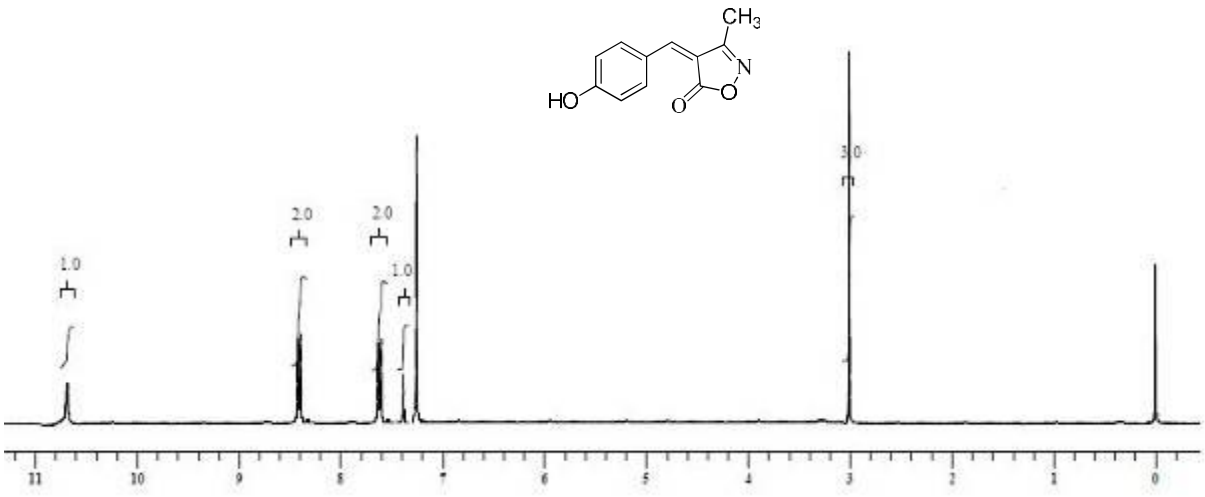


Figure S7: ^{1}H-NMR (300 MHz, $CDCl_3$), Spectrum of Compound **4c**

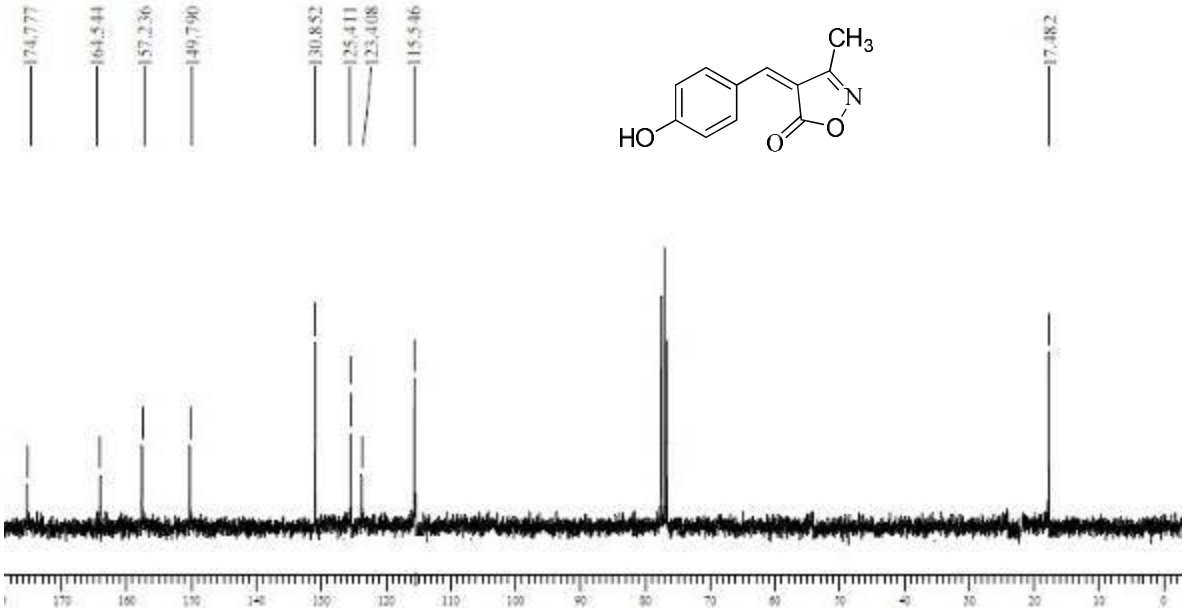


Figure S8: ^{13}C-NMR (75 MHz, $CDCl_3$) Spectrum of **4c**

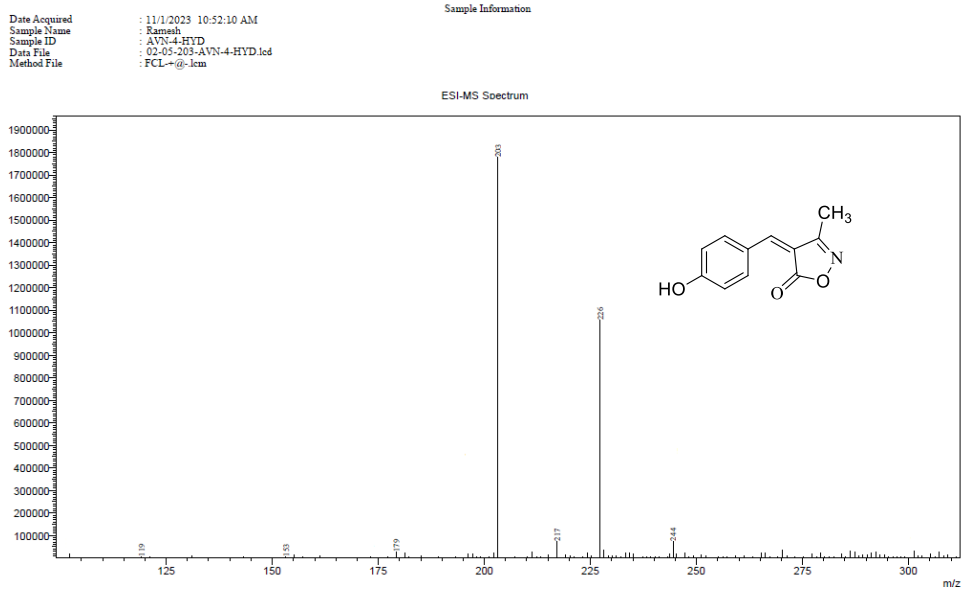


Figure S9: ESI-MS Spectrum of Compound **4c**

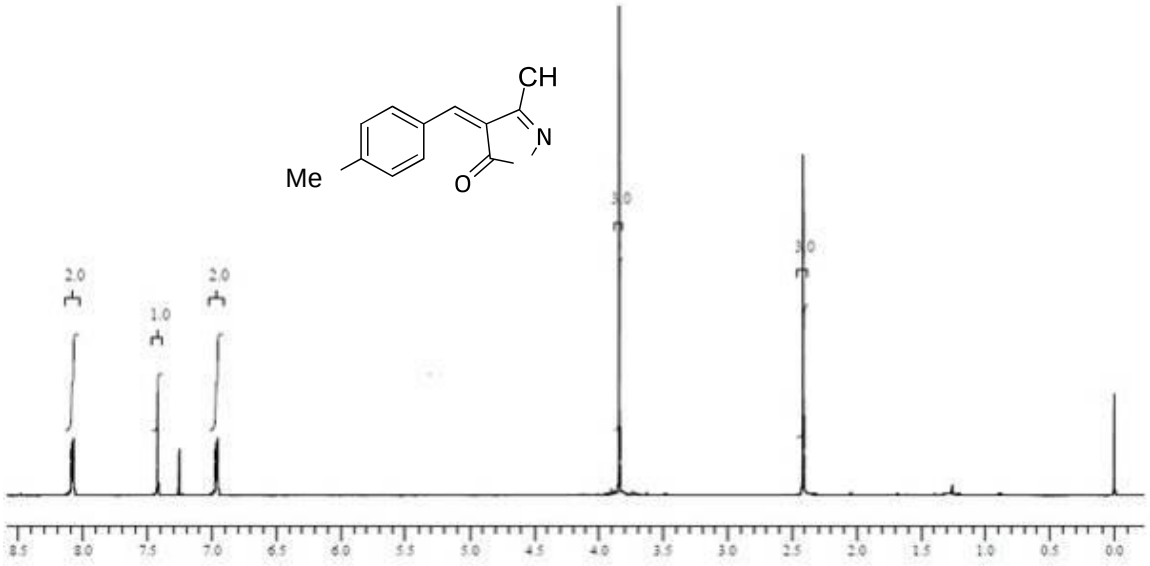


Figure S10: ^{1}H-NMR (300 MHz, $CDCl_3$), Spectrum of Compound **4d**

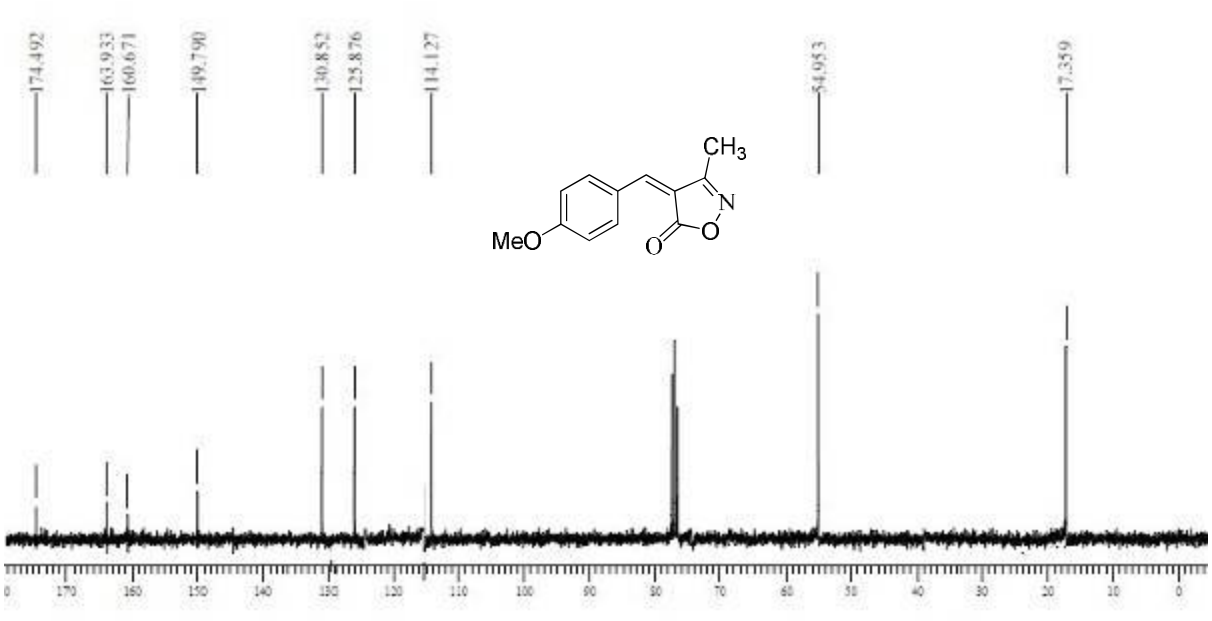


Figure S11: ^{13}C-NMR (75 MHz, $CDCl_3$) Spectrum of **4d**

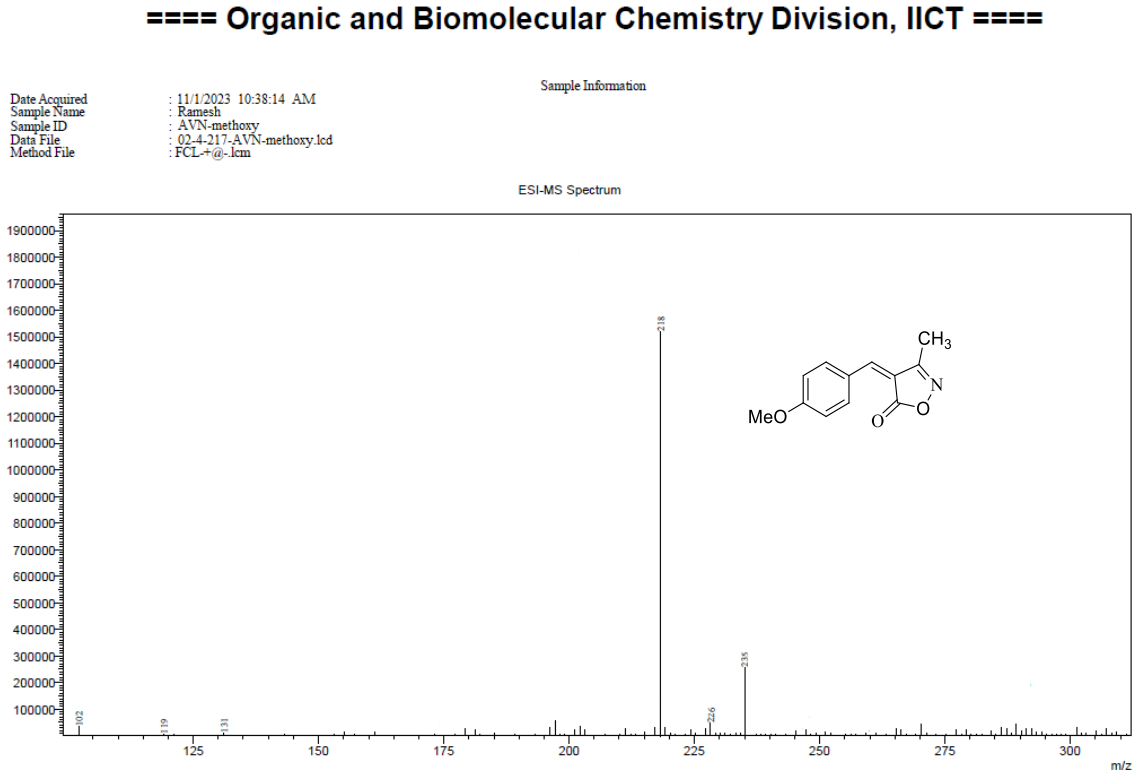


Figure S12: ESI-MS Spectrum of Compound **4d**

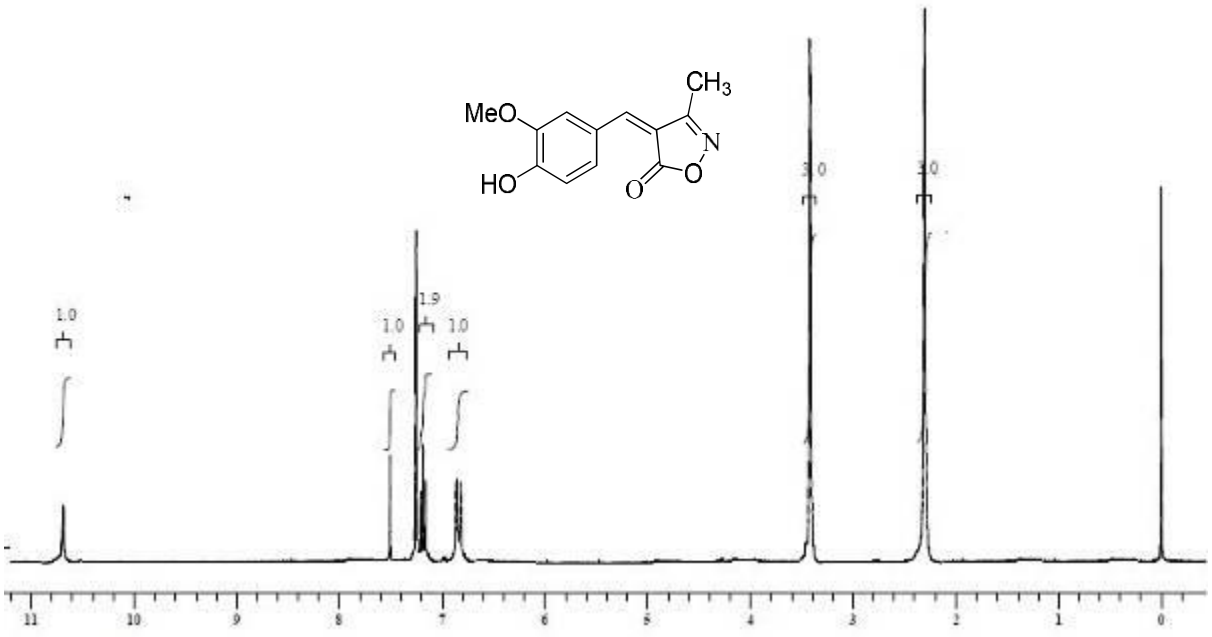


Figure S13: ^{1}H-NMR (300 MHz, $CDCl_3$), Spectrum of Compound **4e**

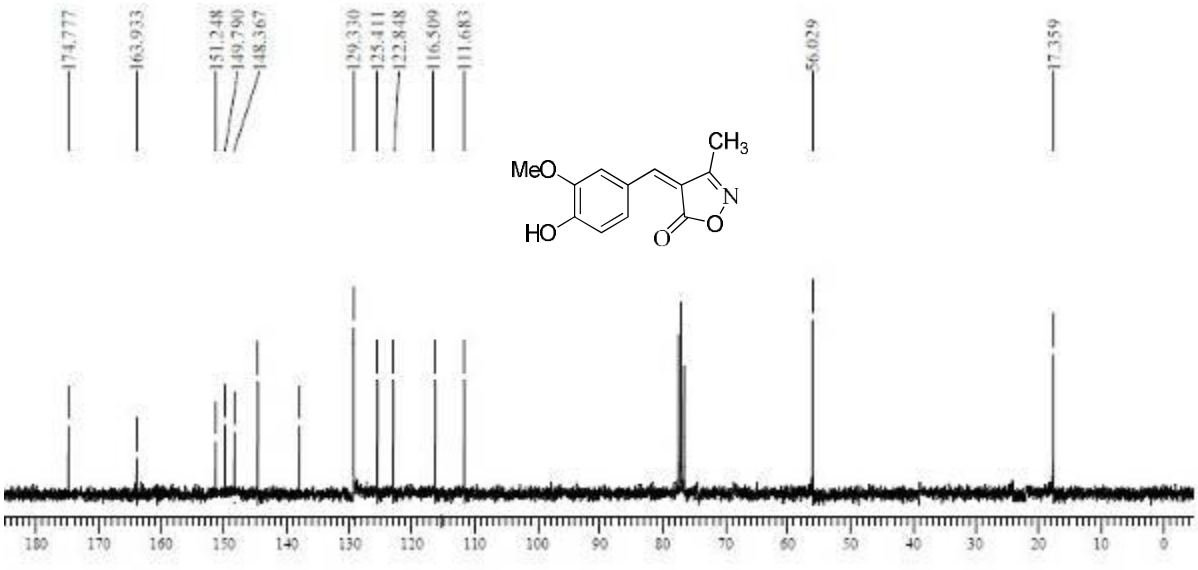


Figure S14: ^{13}C-NMR (75 MHz, $CDCl_3$) Spectrum of **4e**

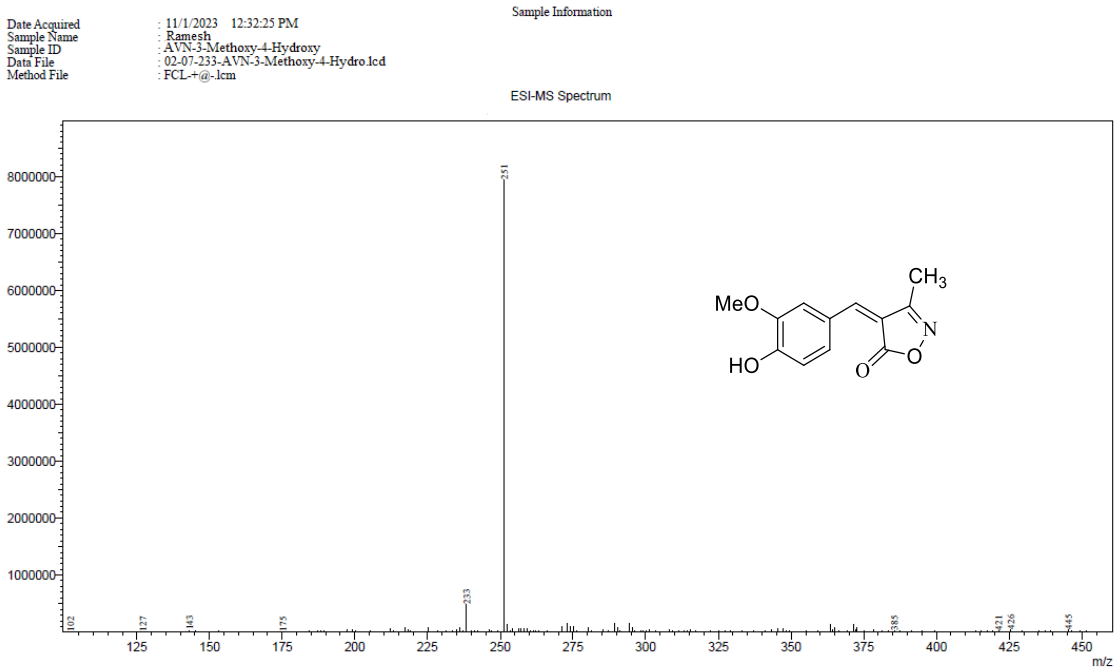


Figure S15: ESI-MS Spectrum of Compound **4e**

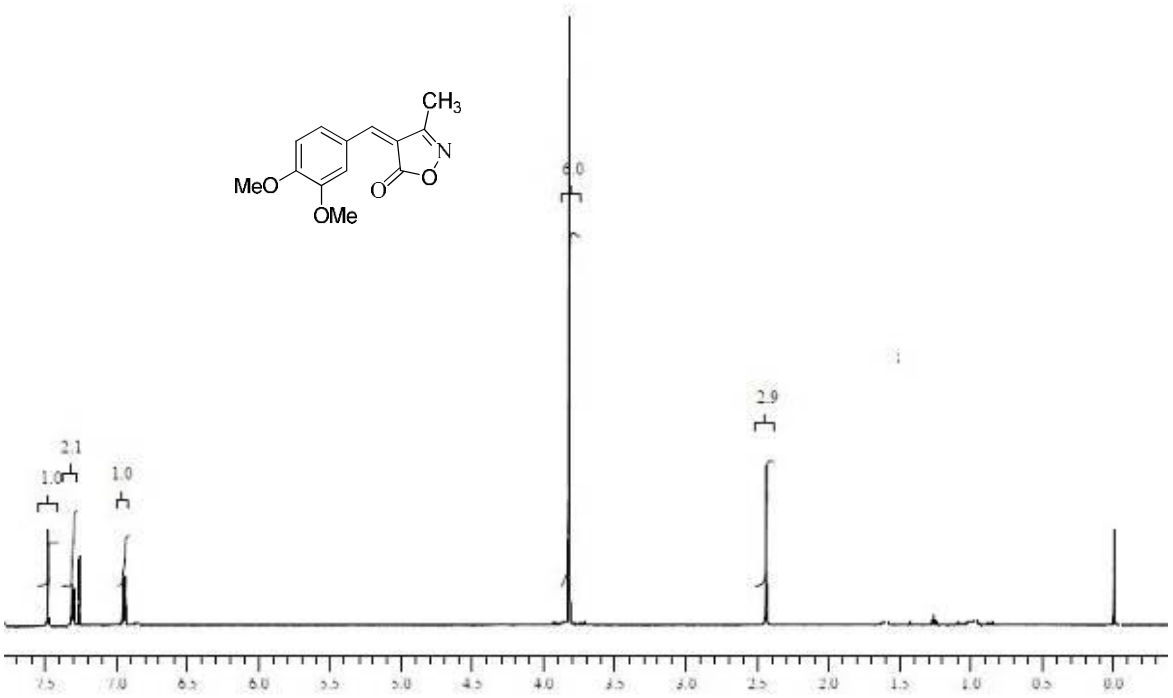


Figure S16: ^{1}H-NMR (300 MHz, $CDCl_3$), Spectrum of Compound **4f**

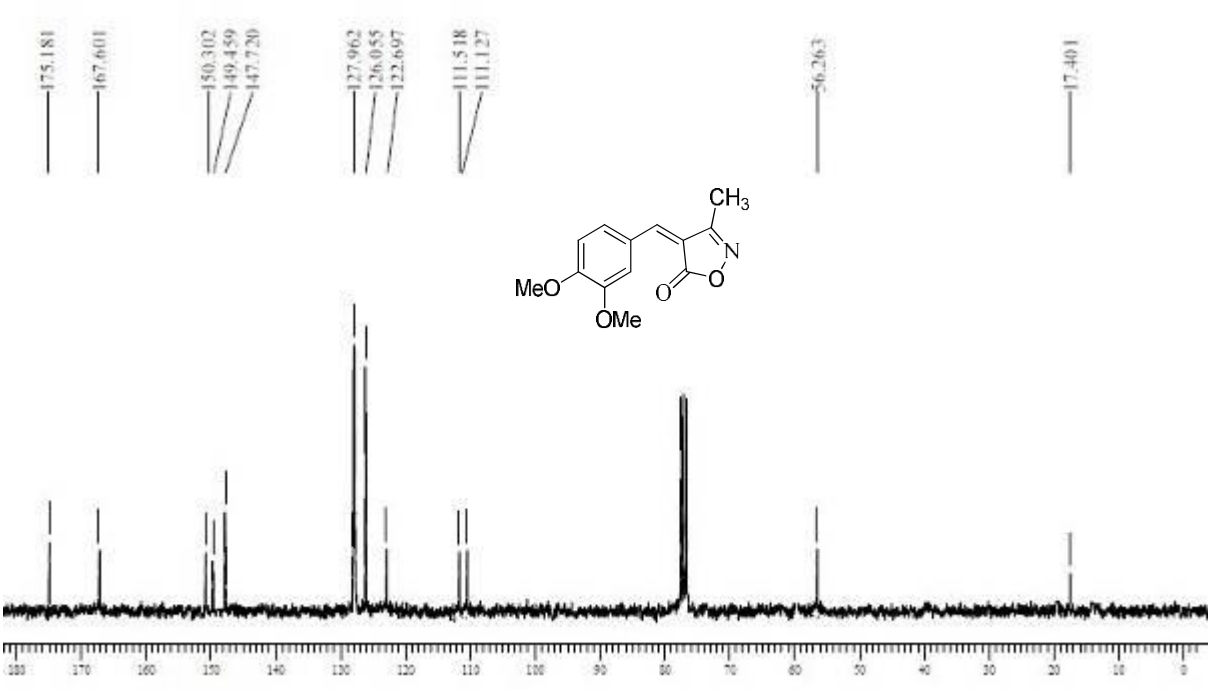


Figure S17: ^{13}C-NMR (75 MHz, $CDCl_3$) Spectrum of **4f**

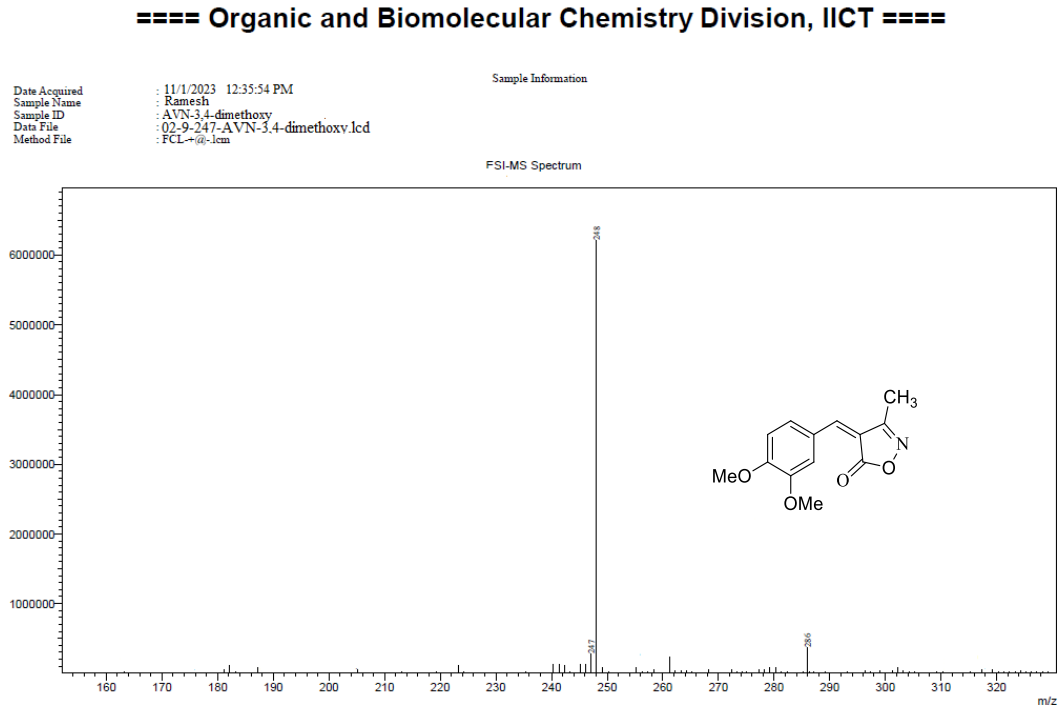


Figure S18: ESI-MS Spectrum of Compound **4f**

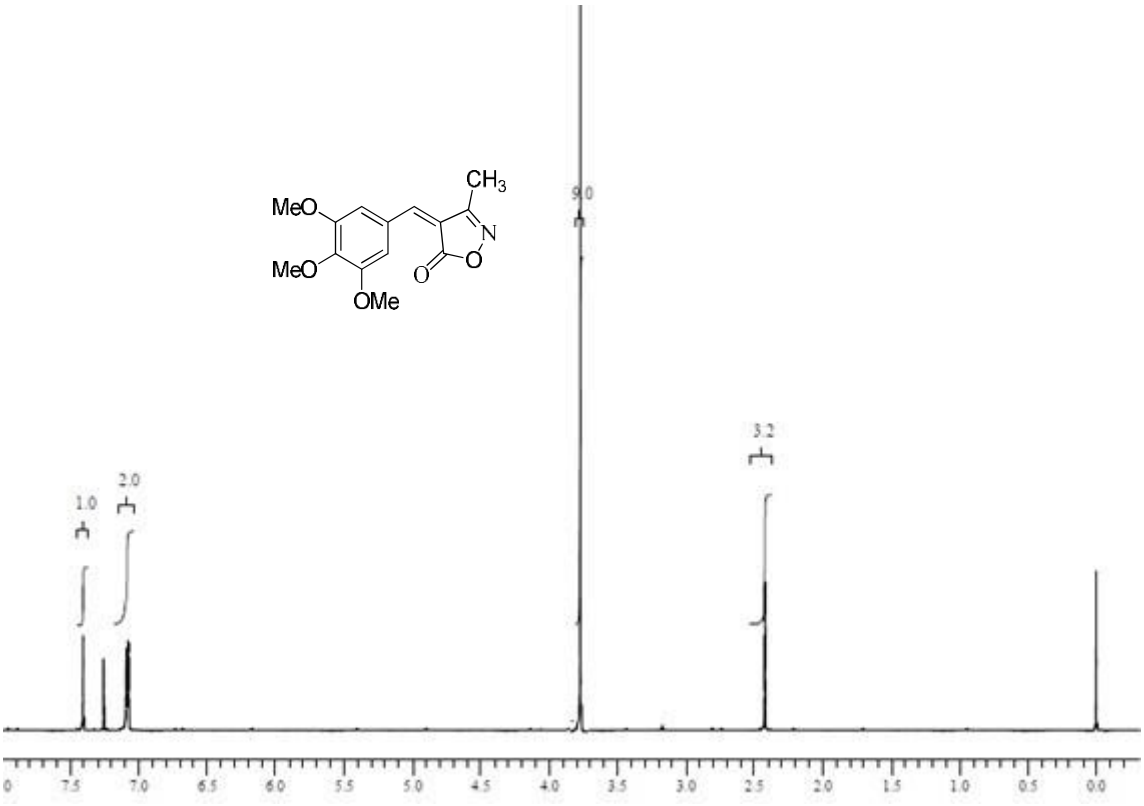


Figure S19: ^{1}H-NMR (300 MHz, $CDCl_3$), Spectrum of Compound **4g**

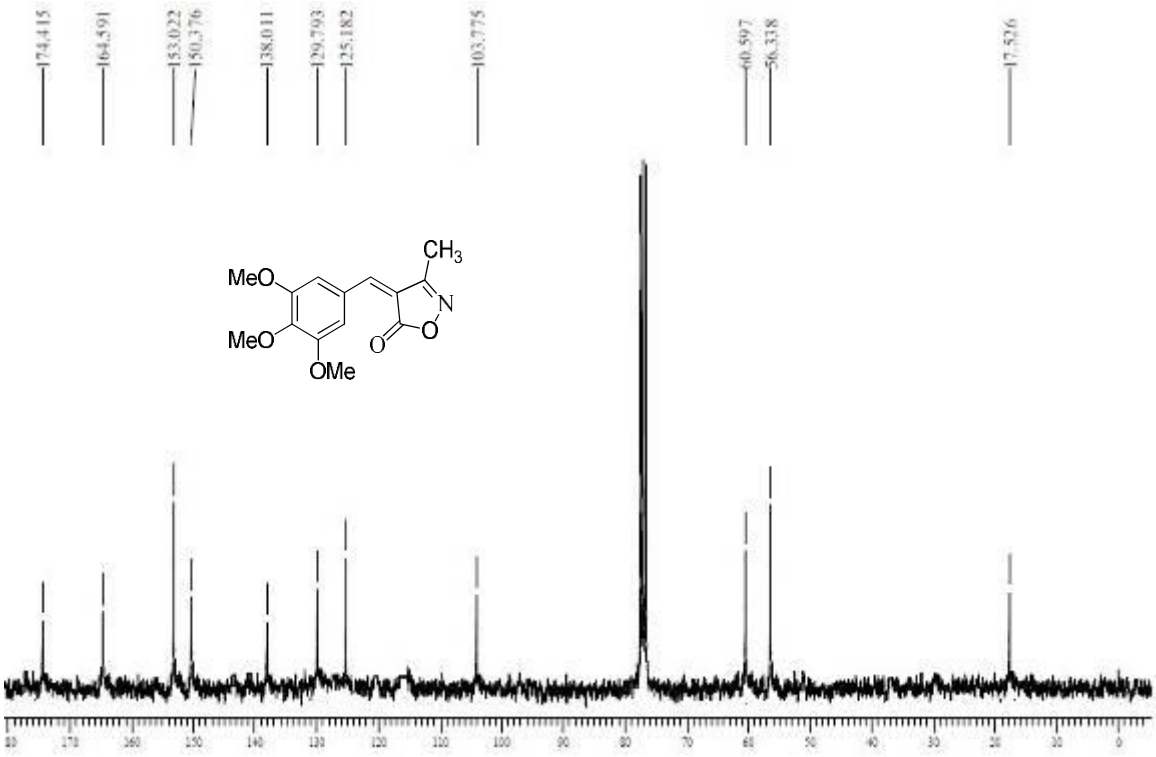


Figure S20: ^{13}C-NMR (75 MHz, $CDCl_3$) Spectrum of **4g**

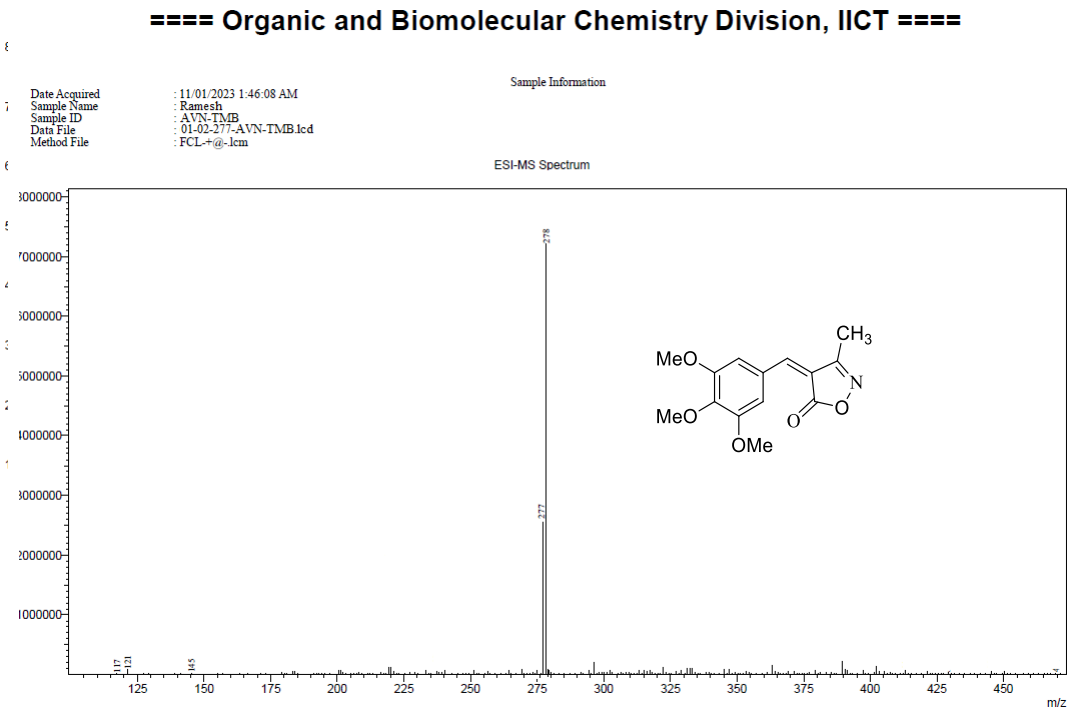


Figure S21: ESI-MS Spectrum of Compound **4g**

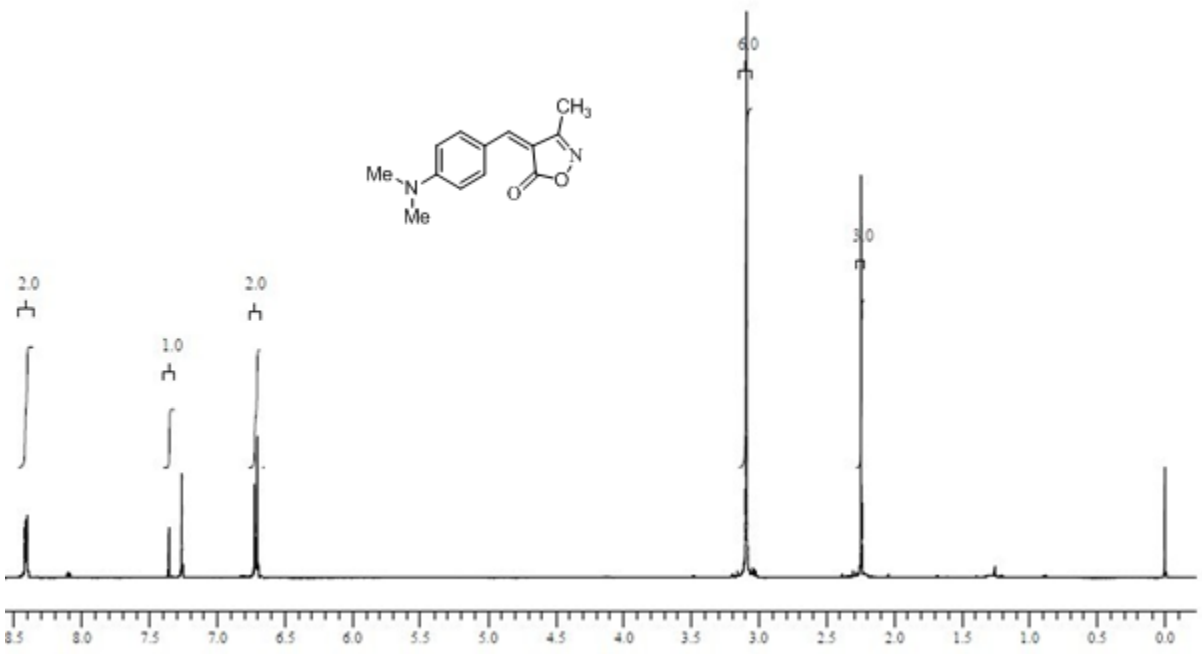


Figure S22: ^{1}H-NMR (300 MHz, $CDCl_3$), Spectrum of Compound **4h**

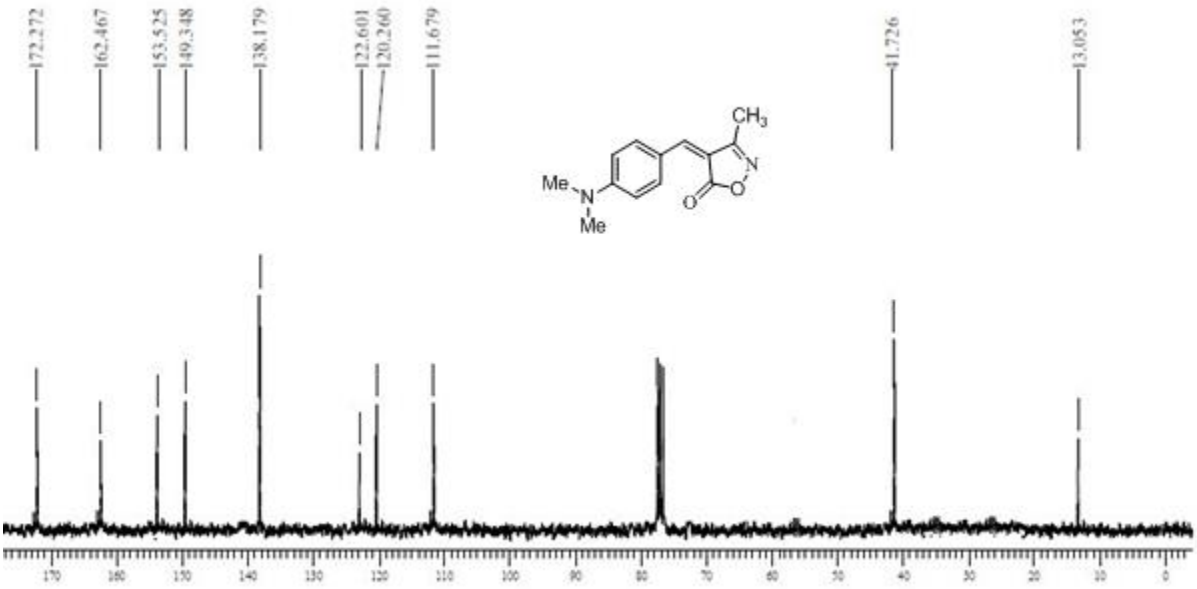


Figure S23: ^{13}C-NMR (75 MHz, $CDCl_3$) Spectrum of **4h**

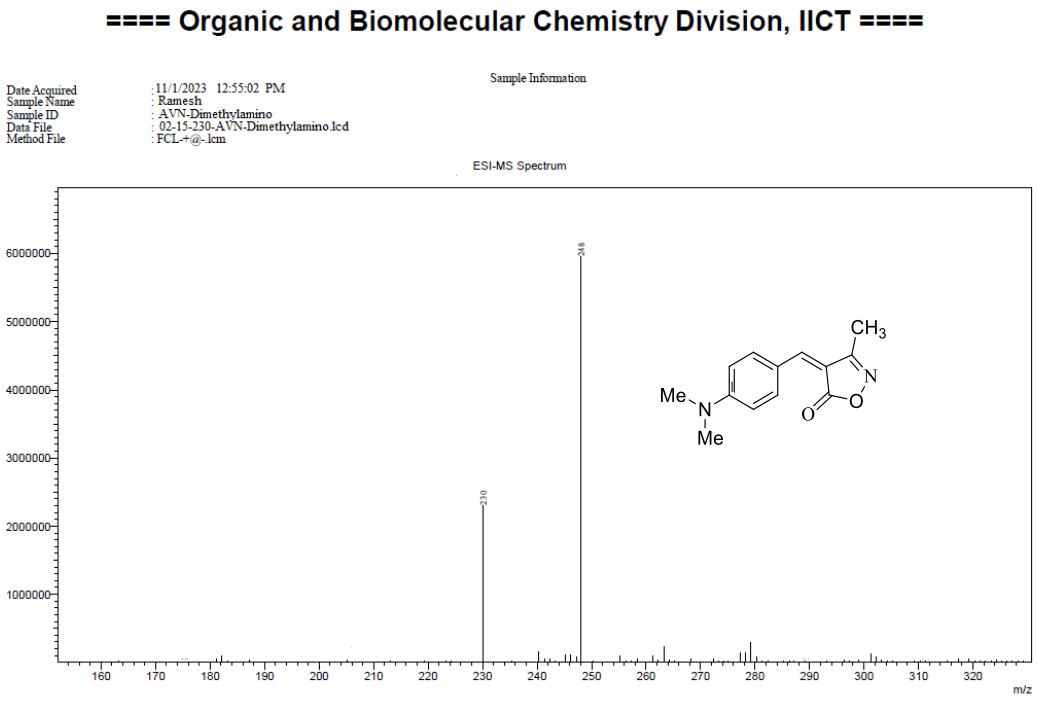


Figure S24: ESI-MS Spectrum of Compound **4h**

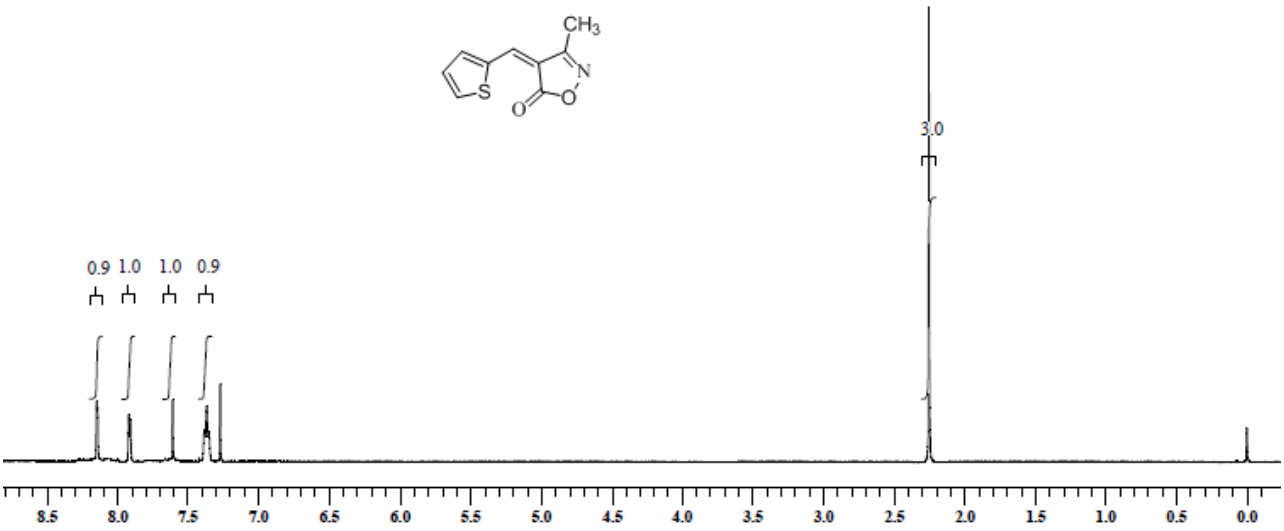


Figure S25: ^{1}H-NMR (300 MHz, $CDCl_3$), Spectrum of Compound **4i**

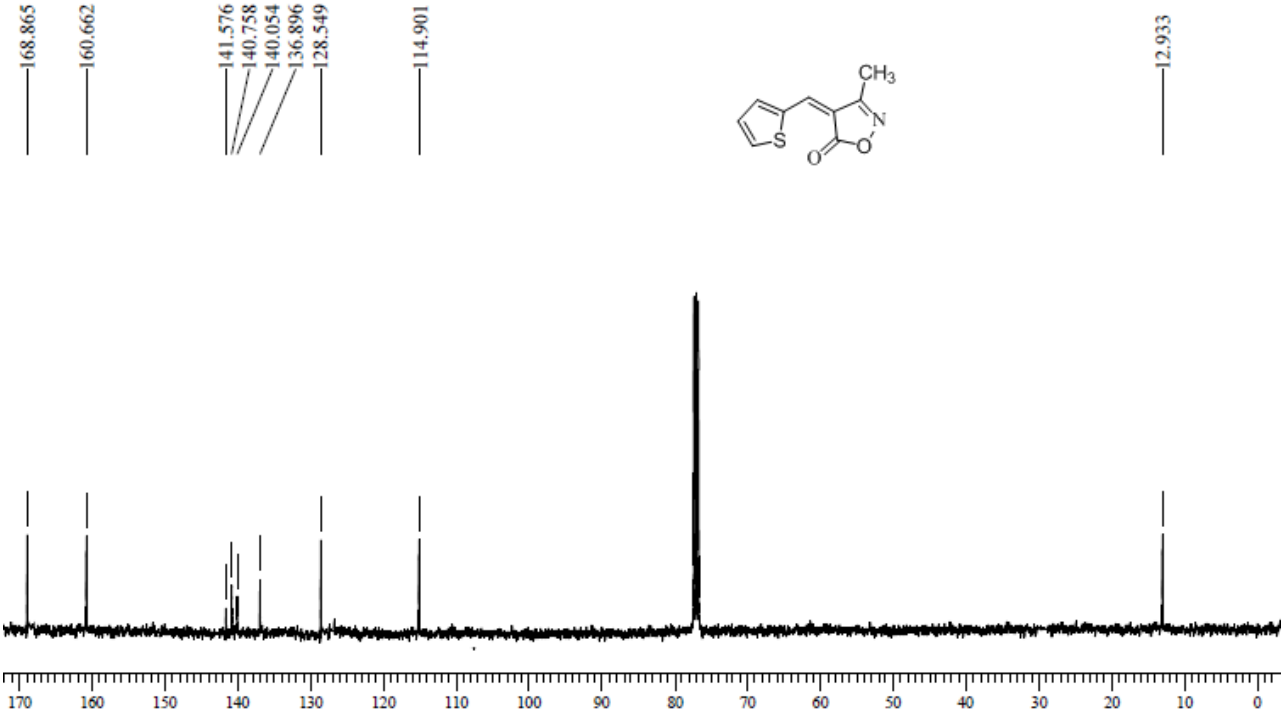


Figure S26: ^{13}C-NMR (75 MHz, $CDCl_3$) Spectrum of **4i**

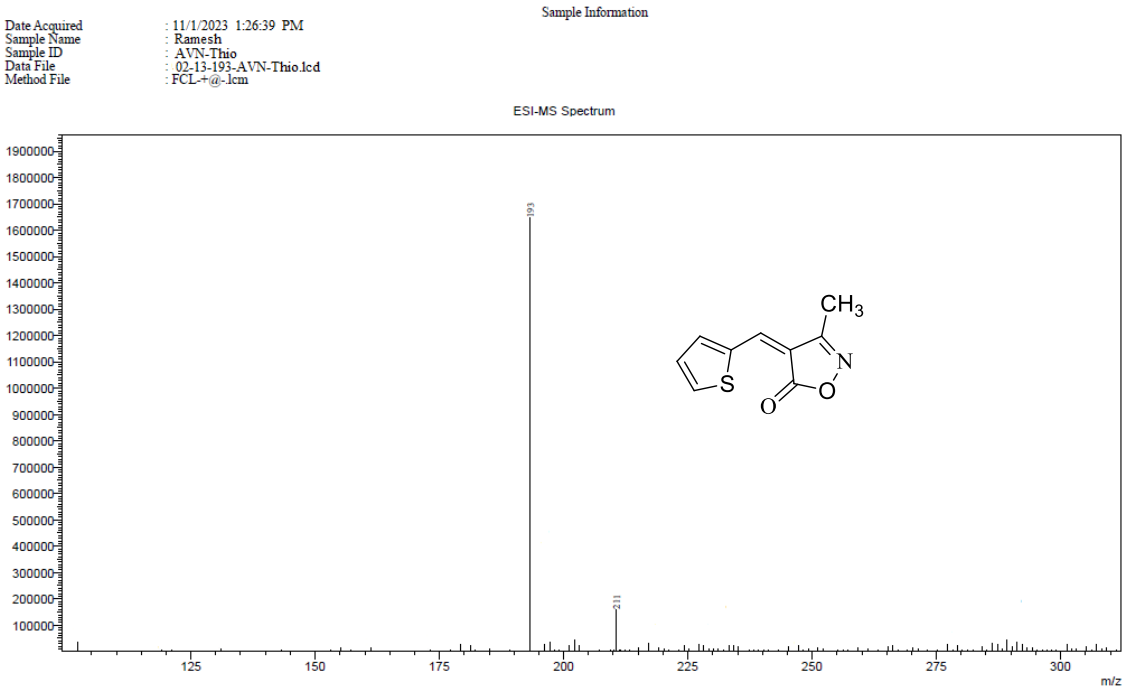


Figure S27: ESI-MS Spectrum of Compound **4i**