

Supplementary file

2-(2-methyl-5-phenyl-1-(3,4,5-trimethoxyphenyl)-1H-pyrrol-3-yl)-2-oxo-N-(pyridin-4-yl) acetamide

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Figure.S1: ¹HNMR Spectrum of compound (4)

Figure.S2: ¹HNMR Spectrum of compound (4) - Expanded

Figure.S3: ¹³CNMR Spectrum of compound (4)

Figure.S4: ¹³CNMR Spectrum of compound (4) - Expanded

Figure.S5: IR Spectrum of compound (4)

Figure.S6: Mass Spectrum of compound (4)

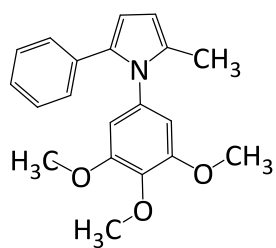
Figure.S7: ¹HNMR Spectrum of compound (3)

Figure.S8: ¹HNMR Spectrum of compound (3) - Expanded

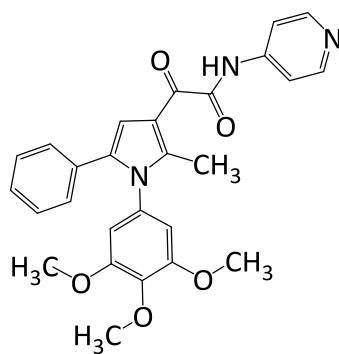
Figure.S9: ¹³CNMR Spectrum of compound (3)

Figure.S10: ¹³CNMR Spectrum of compound (3) - Expanded

Figure.S11: Mass Spectrum of compound (3)



Structure of Compound 3



Structure of Compound 4

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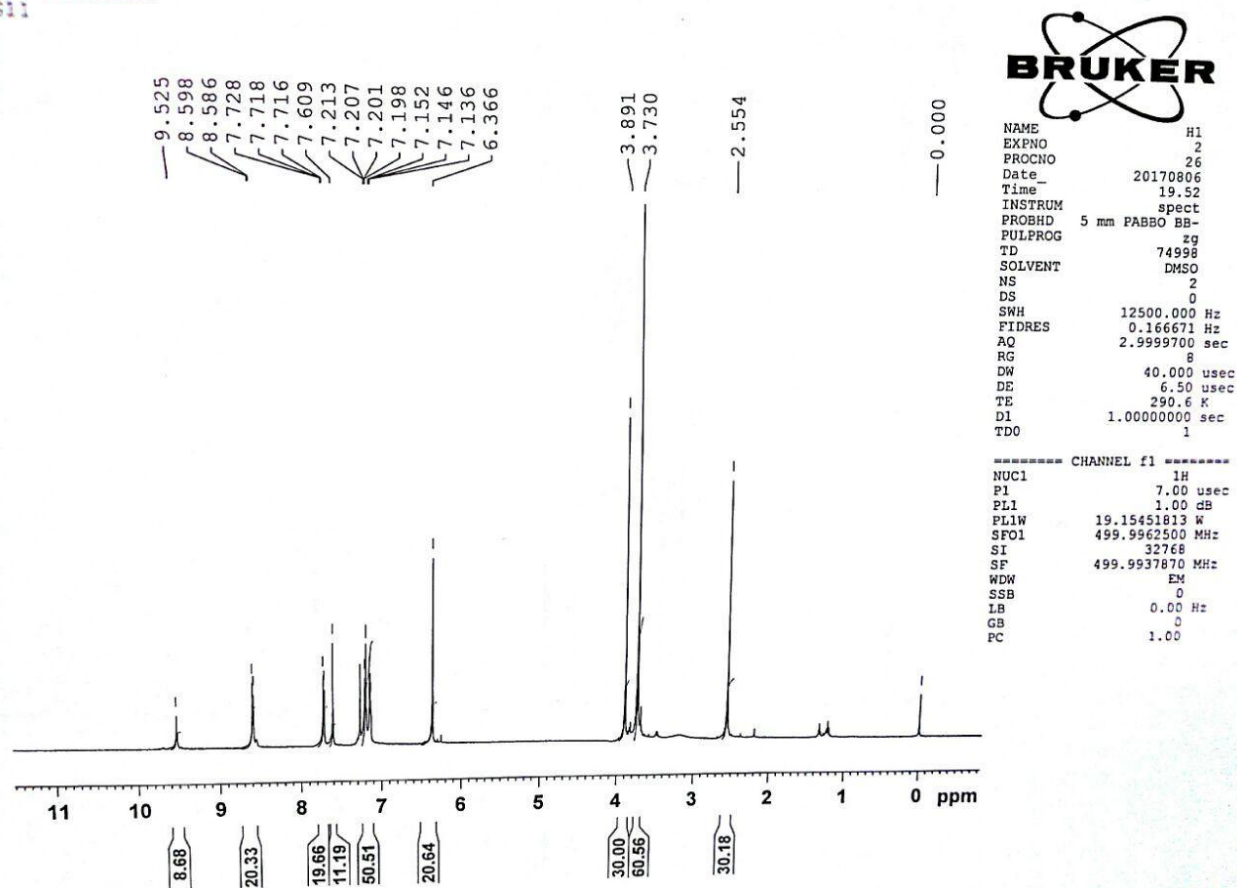
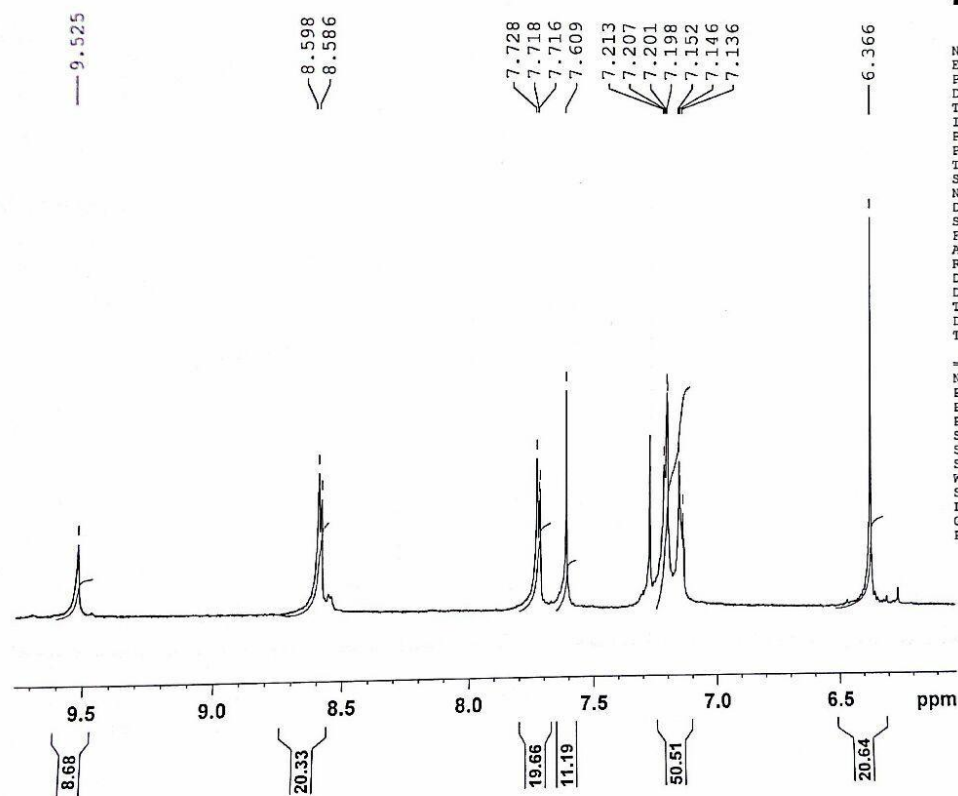


Figure.S1 - ^1H NMR spectrum of 2-(2-methyl-5-phenyl-1-(3,4,5-trimethoxyphenyl)-1H-pyrrol-3-yl)-2-oxo-N-(pyridin-4-yl) acetamide. **Compound (4)**

Nr. Saiedian
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NAME H1
EXPNO 2
PROCNO 26
Date 20170806
Time 19.52
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg
TD 74998
SOLVENT DMSO
NS 2
DS 0
SWH 12500.000 Hz
FIDRES 0.166671 Hz
AQ 2.9999700 sec
RG 8
DW 40.000 usec
DE 6.50 usec
TE 290.6 K
D1 1.00000000 sec
TD0 1

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P1 7.00 usec
PL1 1.00 dB
PL1W 19.15451813 W
SFO1 499.9962500 MHz
SI 32768
SF 499.9937870 MHz
WDW EM
SSB 0
LB 0.00 Hz
GB 0
PC 1.00

Figure.S2 ^1H NMR spectrum of 2-(2-methyl-5-phenyl-1-(3,4,5-trimethoxyphenyl)-1H-pyrrol-3-yl)-2-oxo-N-(pyridin-4-yl) acetamide –Expanded. **Compound (4)**

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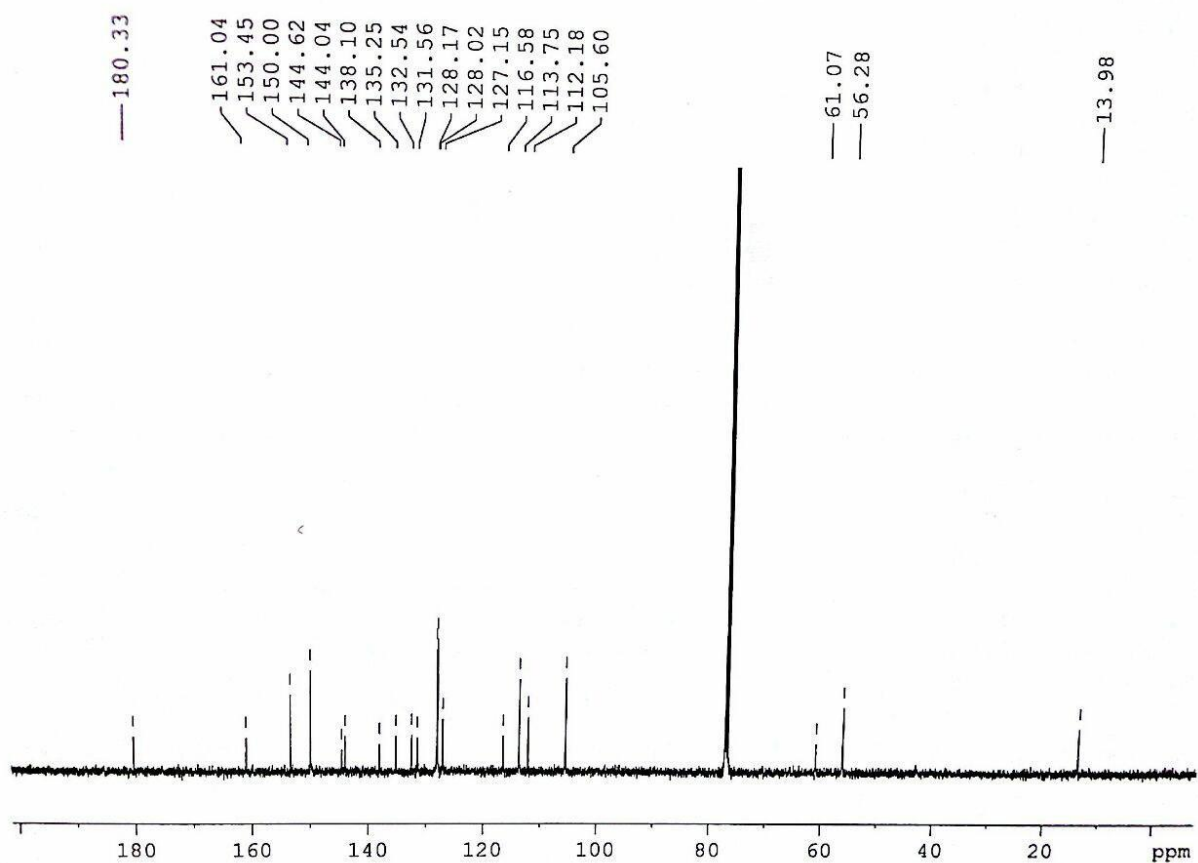


Figure.S3 ^{13}C NMR spectrum of 2-(2-methyl-5-phenyl-1-(3,4,5-trimethoxyphenyl)-1H-pyrrol-3-yl)-2-oxo-N-(pyridin-4-yl) acetamide. **Compound (4)**

Mr. Saeedian
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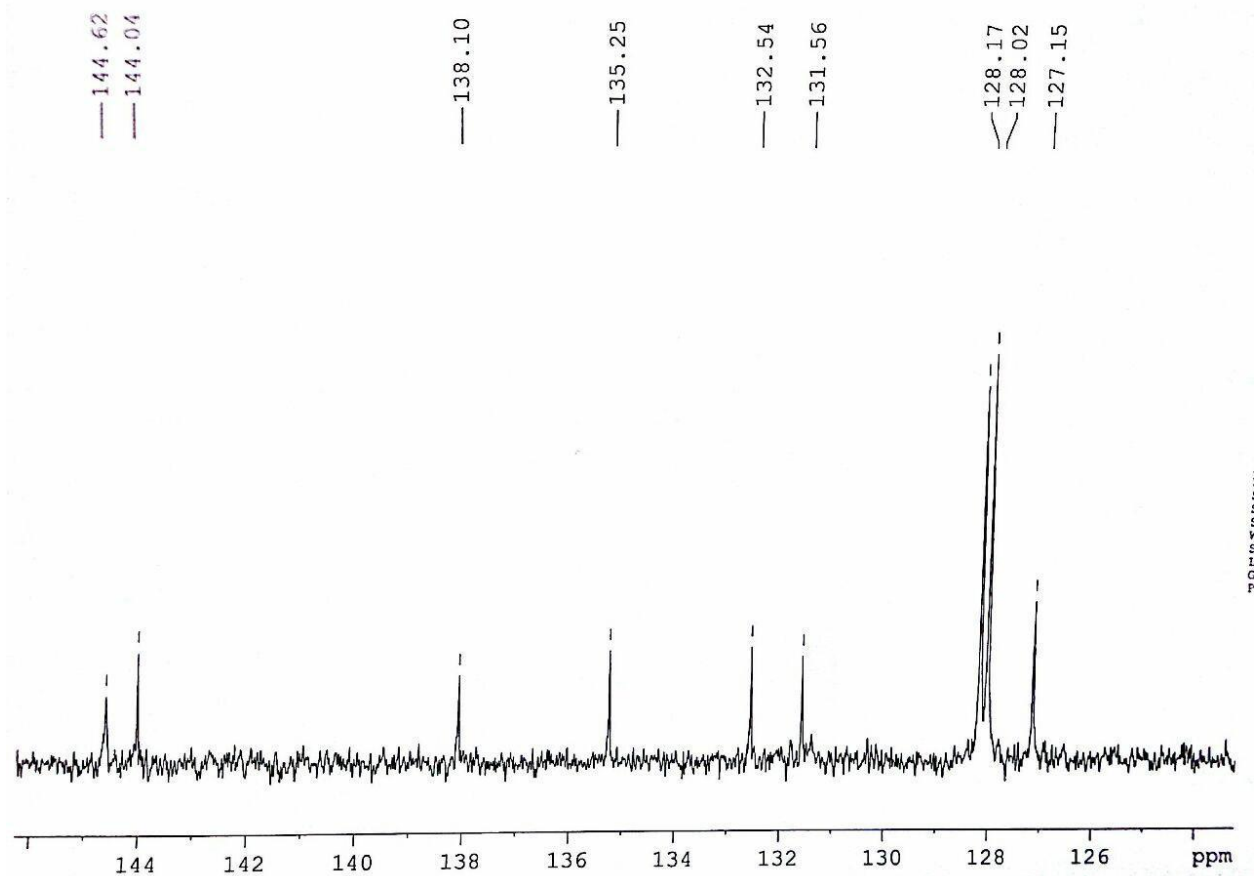


Figure.S4 ^{13}C NMR spectrum of 2-(2-methyl-5-phenyl-1-(3,4,5-trimethoxyphenyl)-1H-pyrrol-3-yl)-2-oxo-N-(pyridin-4-yl) acetamide – Expanded. **Compound (4)**

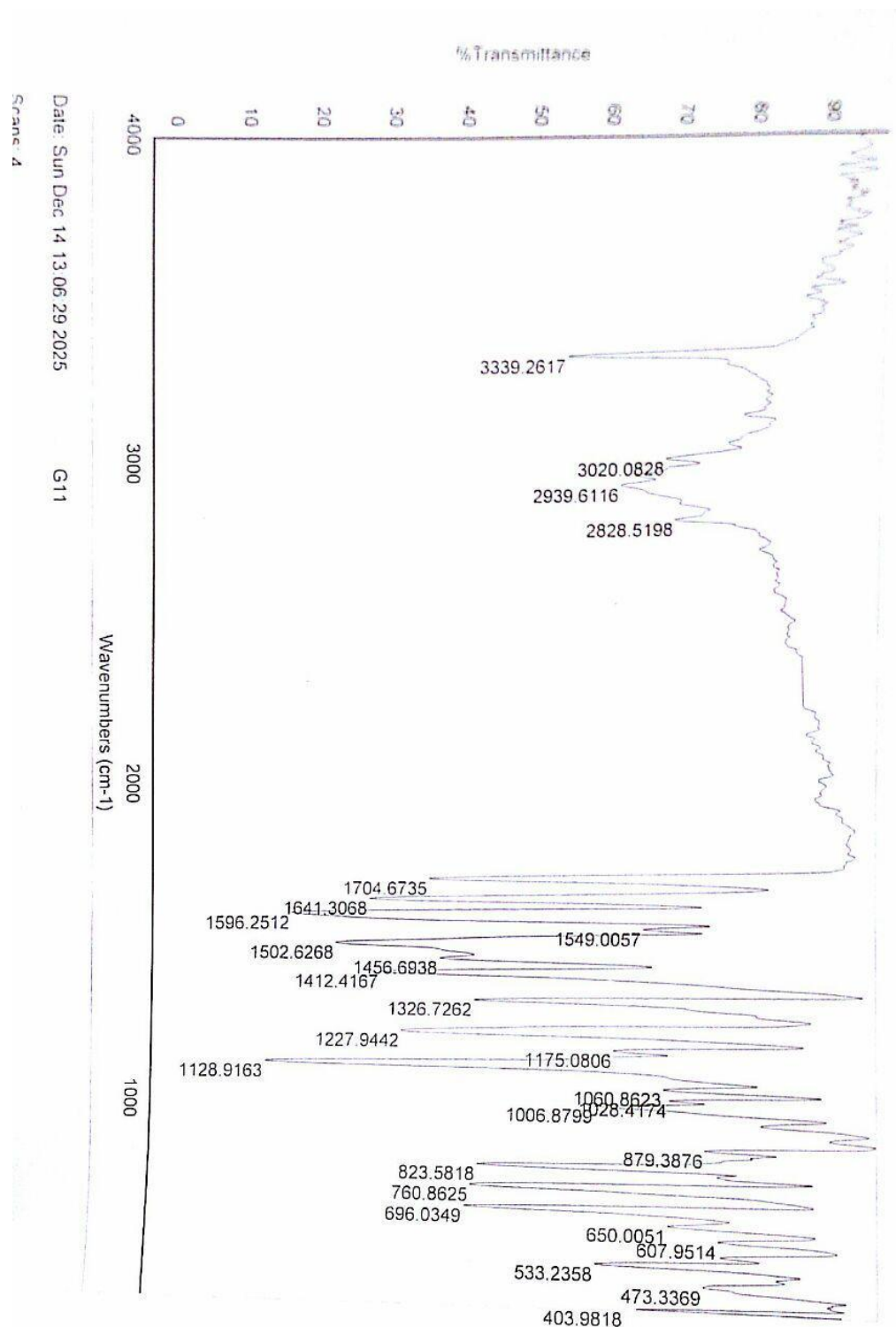


Figure.S5 -IR spectrum of 2-(2-methyl-5-phenyl-1-(3,4,5-trimethoxyphenyl)-1H-pyrrol-3-yl)-2-oxo-N-(pyridin-4-yl) acetamide. **Compound (4)**

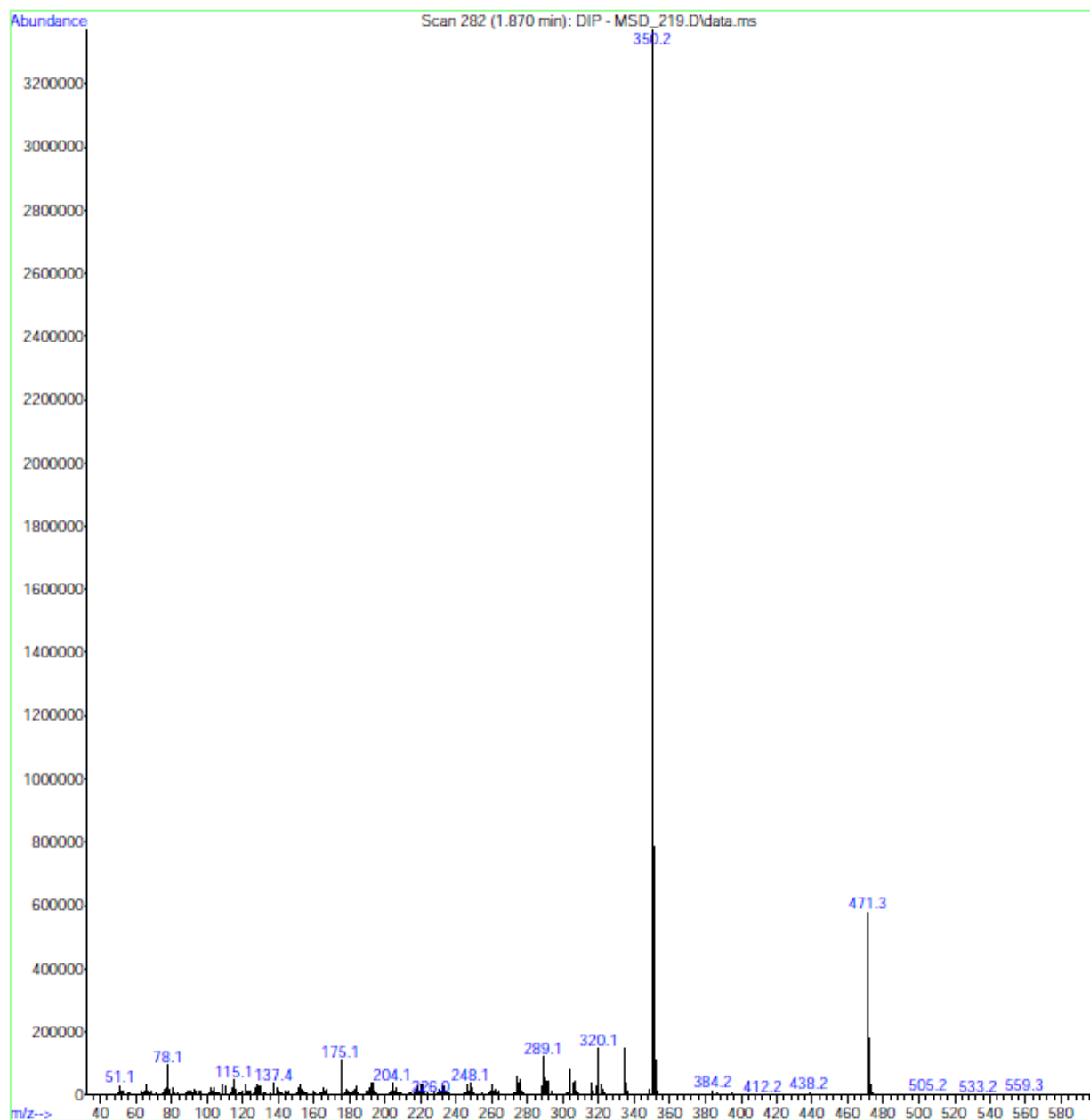


Figure.S6 -Mass spectrum of 2-(2-methyl-5-phenyl-1-(3,4,5-trimethoxyphenyl)-1H-pyrrol-3-yl)-2-oxo-N-(pyridin-4-yl) acetamide. **Compound (4)**

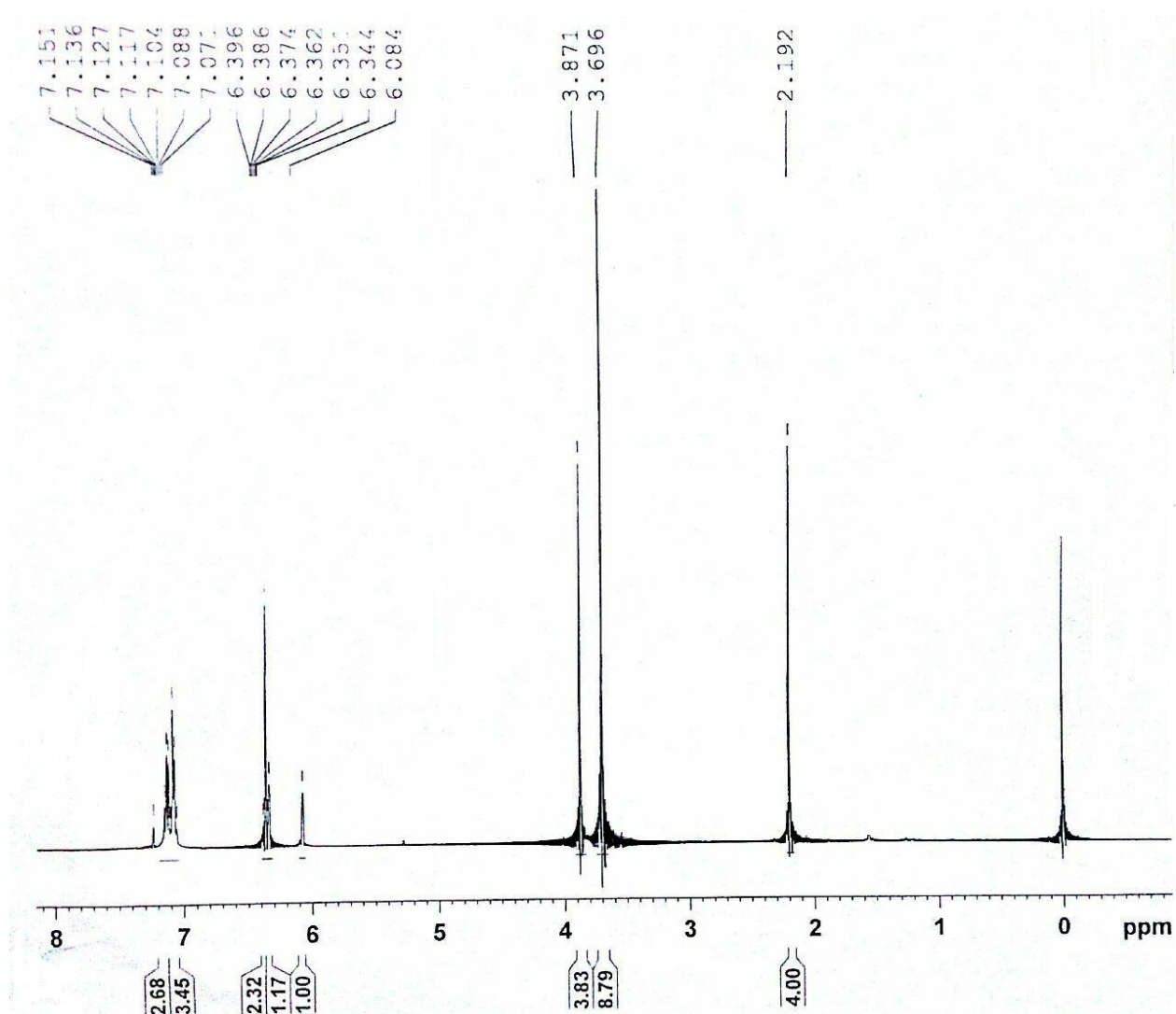


Figure.S7: ¹H NMR Spectrum of 2-methyl-5-phenyl-1-(3,4,5-trimethoxyphenyl)-1H-pyrrole. **compound (3)**

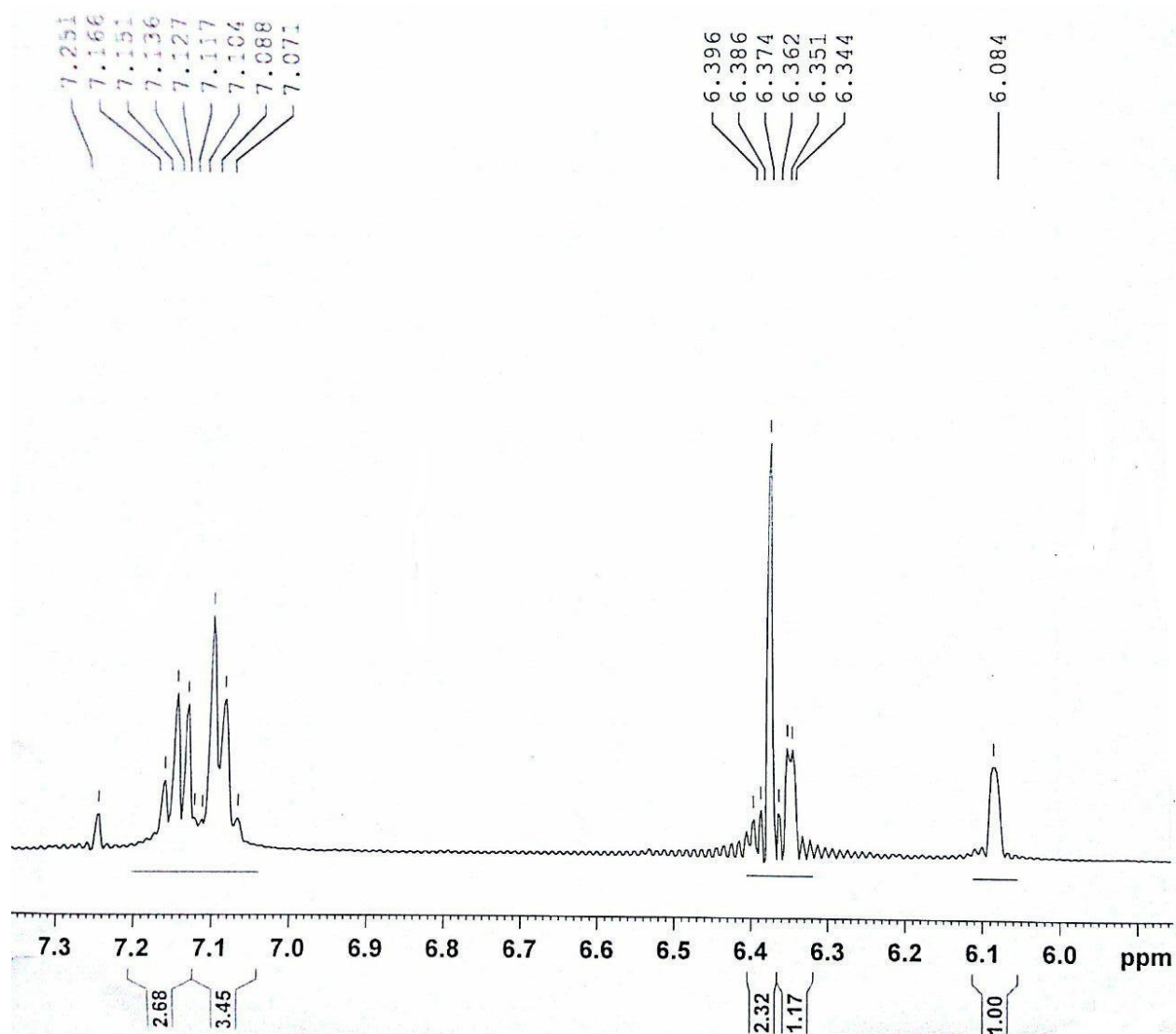


Figure.S8: ¹H NMR Spectrum of 2-methyl-5-phenyl-1-(3,4,5-trimethoxyphenyl)-1H-pyrrole.
compound (3) - Expanded

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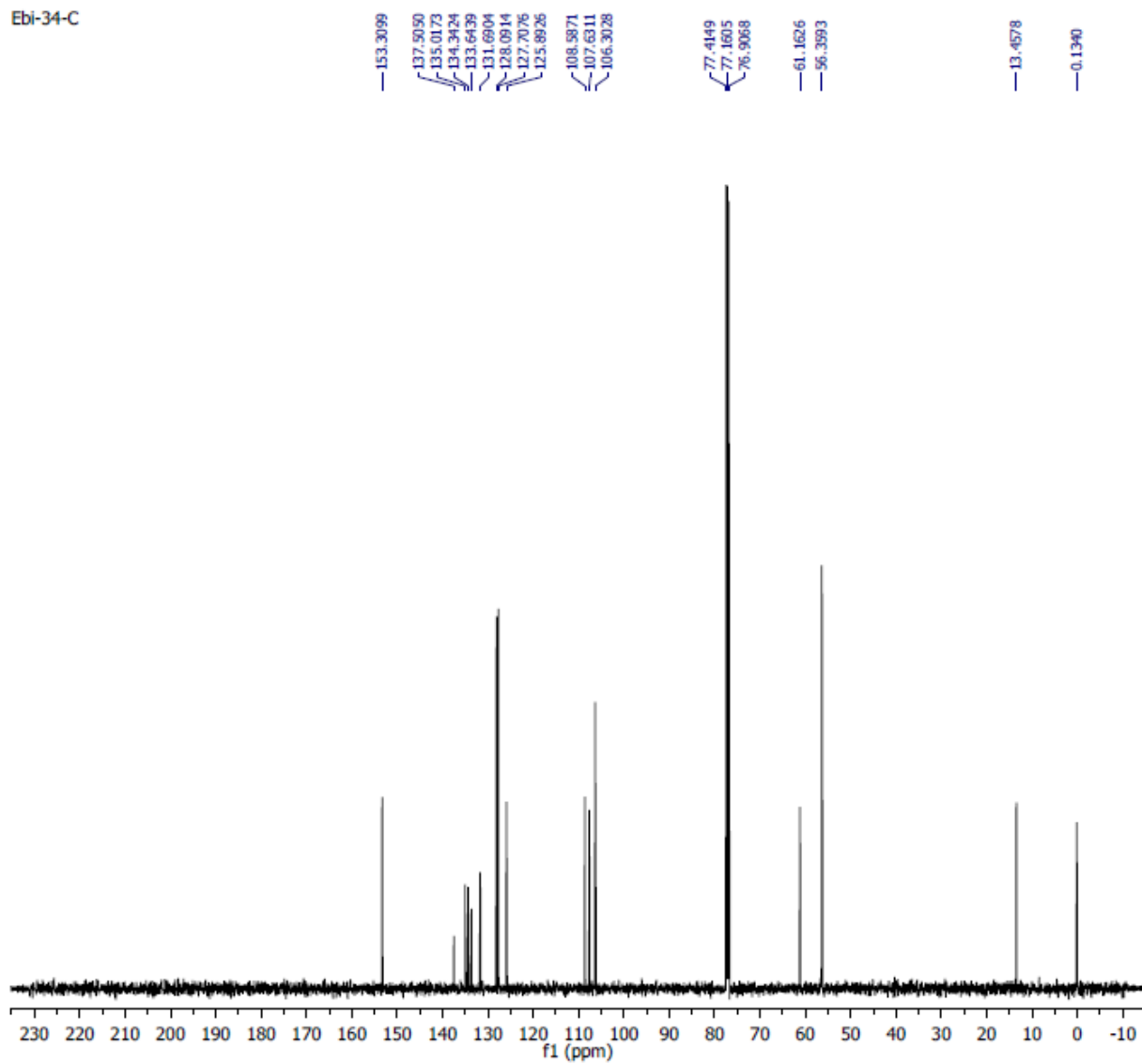


Figure.S9: ¹³CNMR Spectrum of 2-methyl-5-phenyl-1-(3,4,5-trimethoxyphenyl)-1H-pyrrole. compound (3)

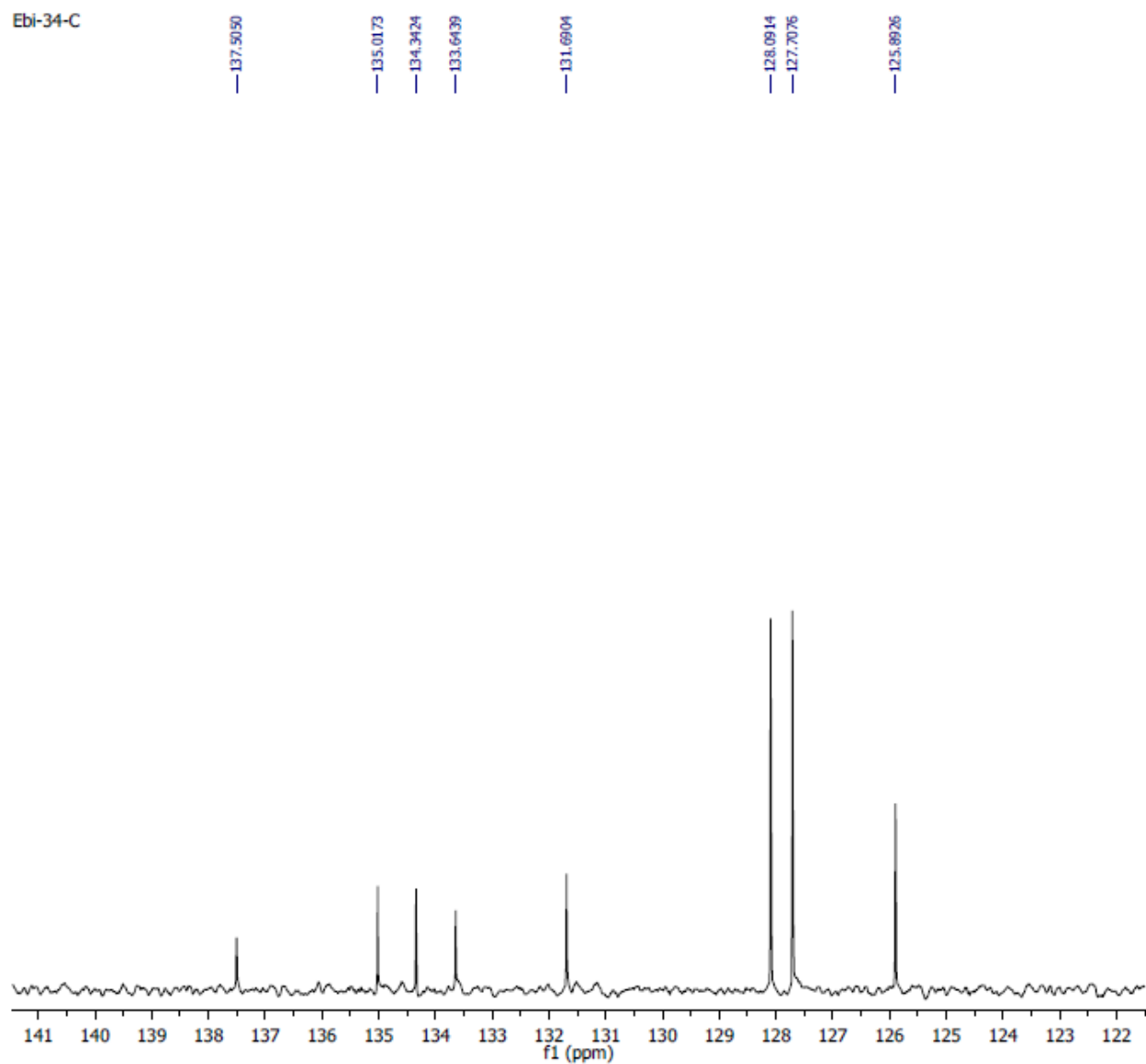


Figure.S10: ^{13}C NMR Spectrum of 2-methyl-5-phenyl-1-(3,4,5-trimethoxyphenyl)-1H-pyrrole.
compound (3) – Expanded

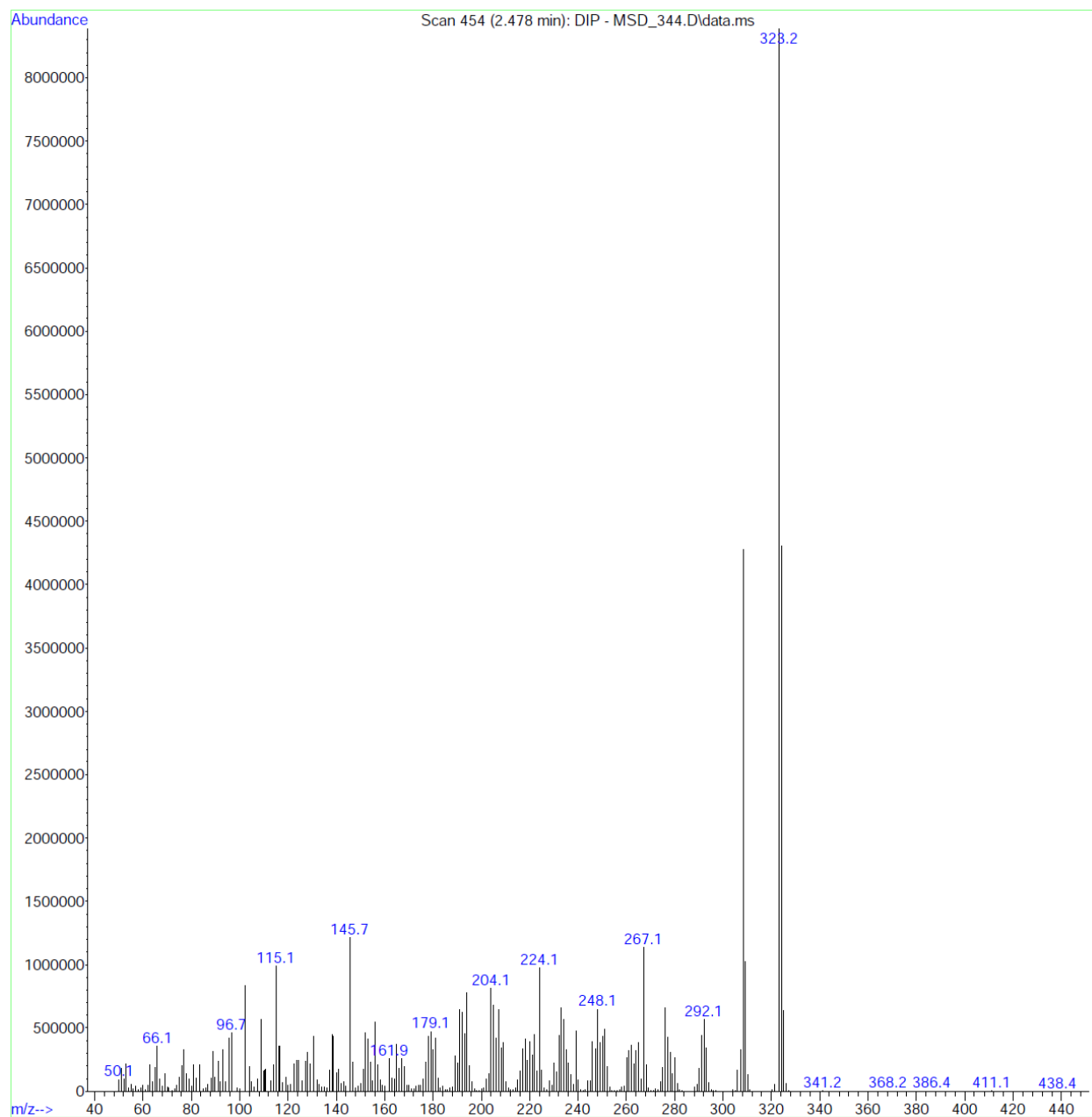


Figure.S11: Mass Spectrum of 2-methyl-5-phenyl-1-(3,4,5-trimethoxyphenyl)-1H-pyrrole.
compound (3)