

SUPPLEMENTARY MATERIAL

Flavonoids from *Artocarpus hirsutus* Lam: synthesis of new prenyl ethers, acetates and their anti-acne activity

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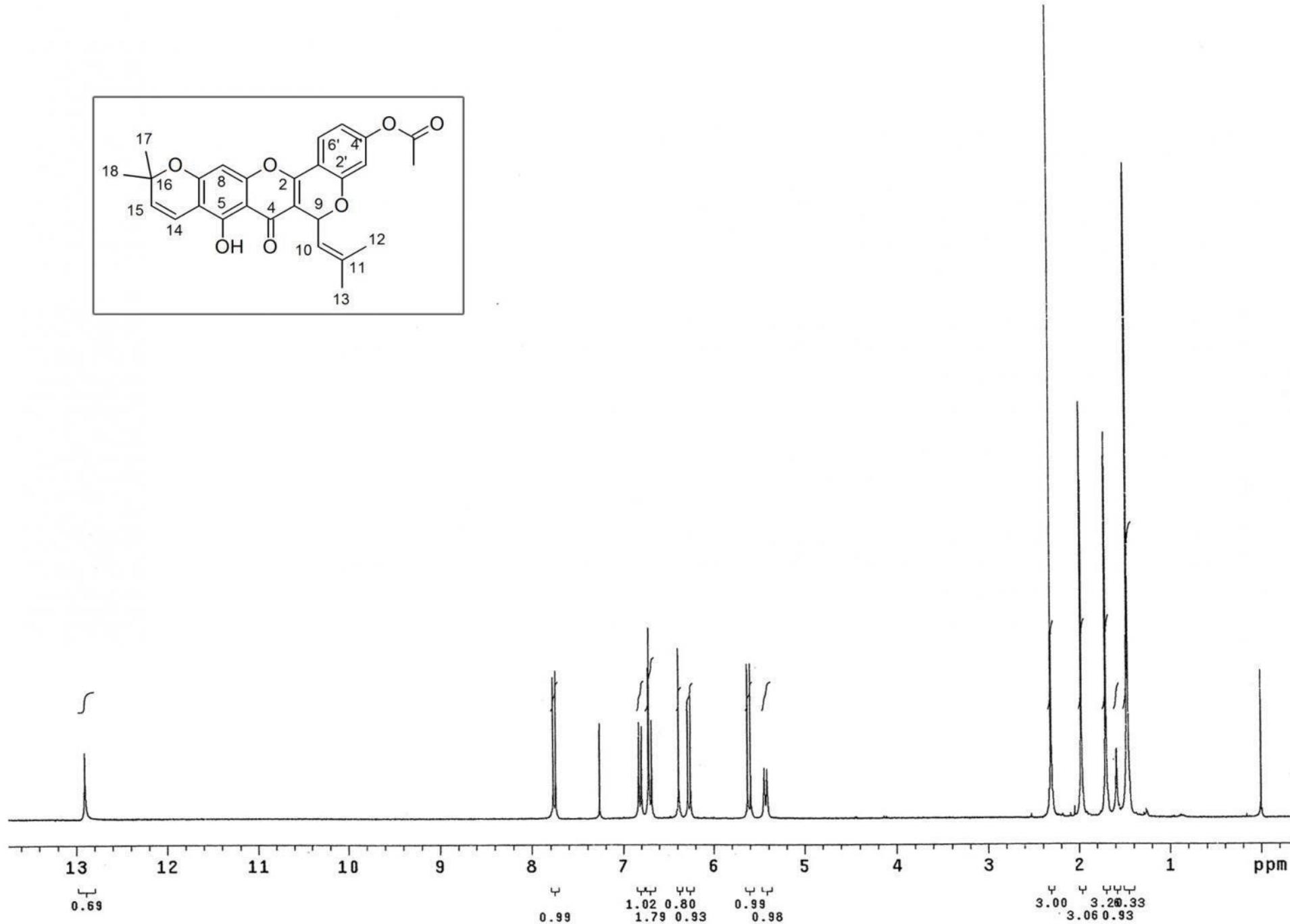


Figure S1: ¹H NMR spectrum of Compound 4

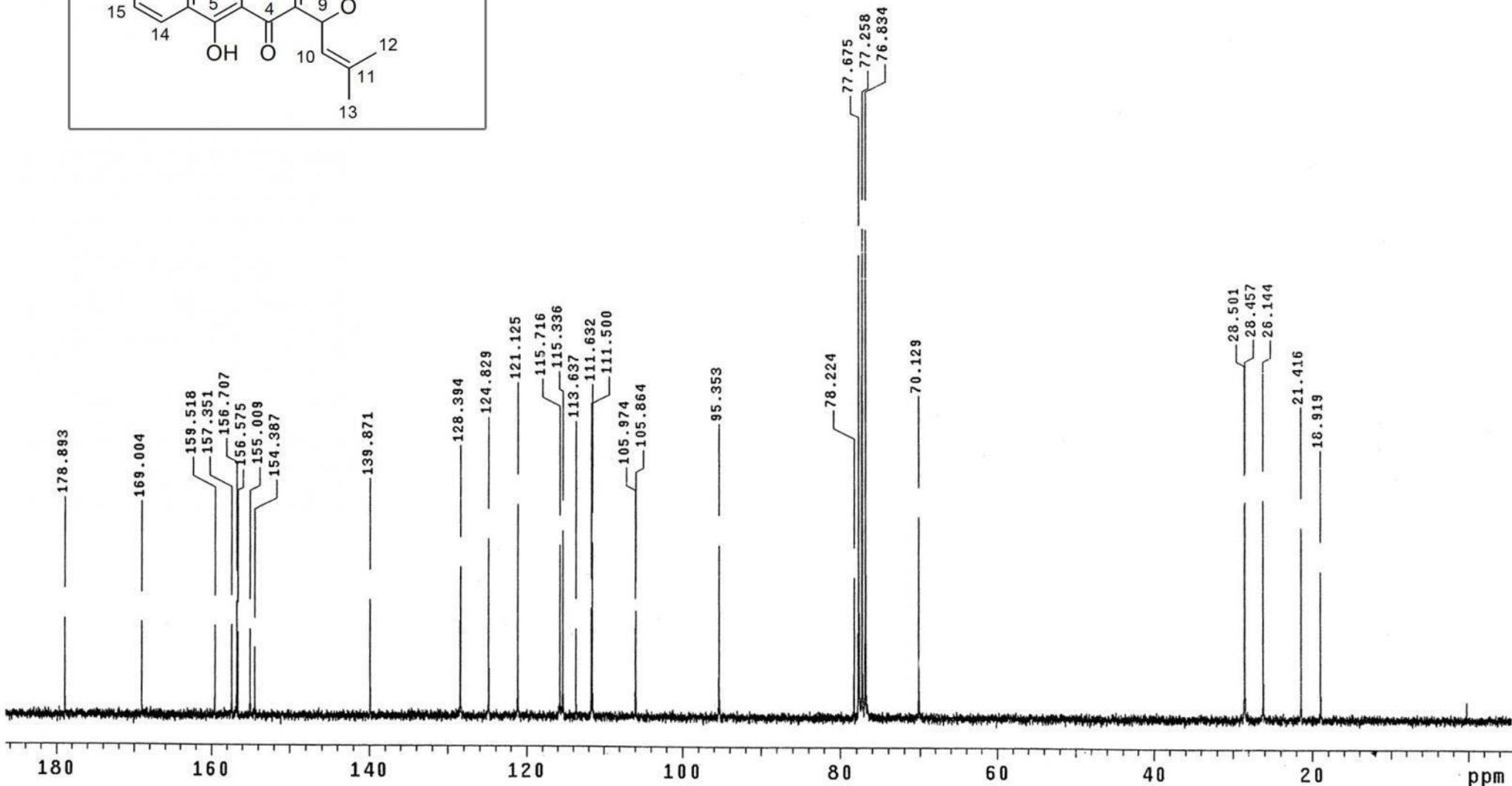
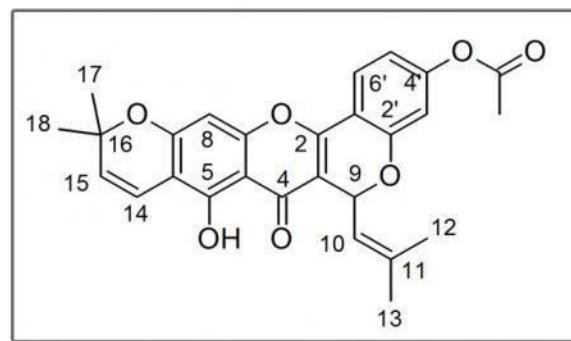


Figure S2: ¹³C NMR spectrum of Compound 4

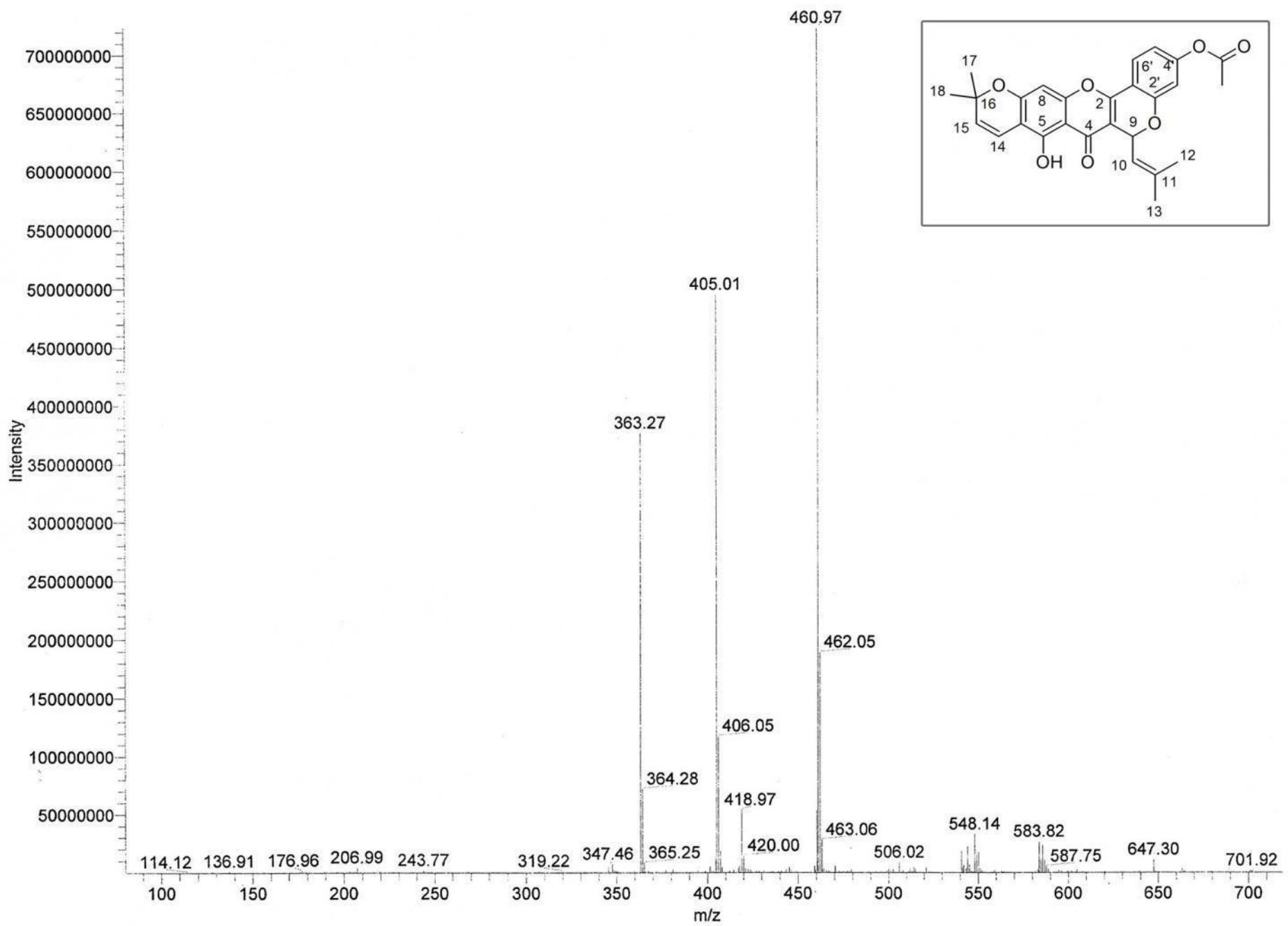


Figure S3: APCI MS spectrum of Compound 4

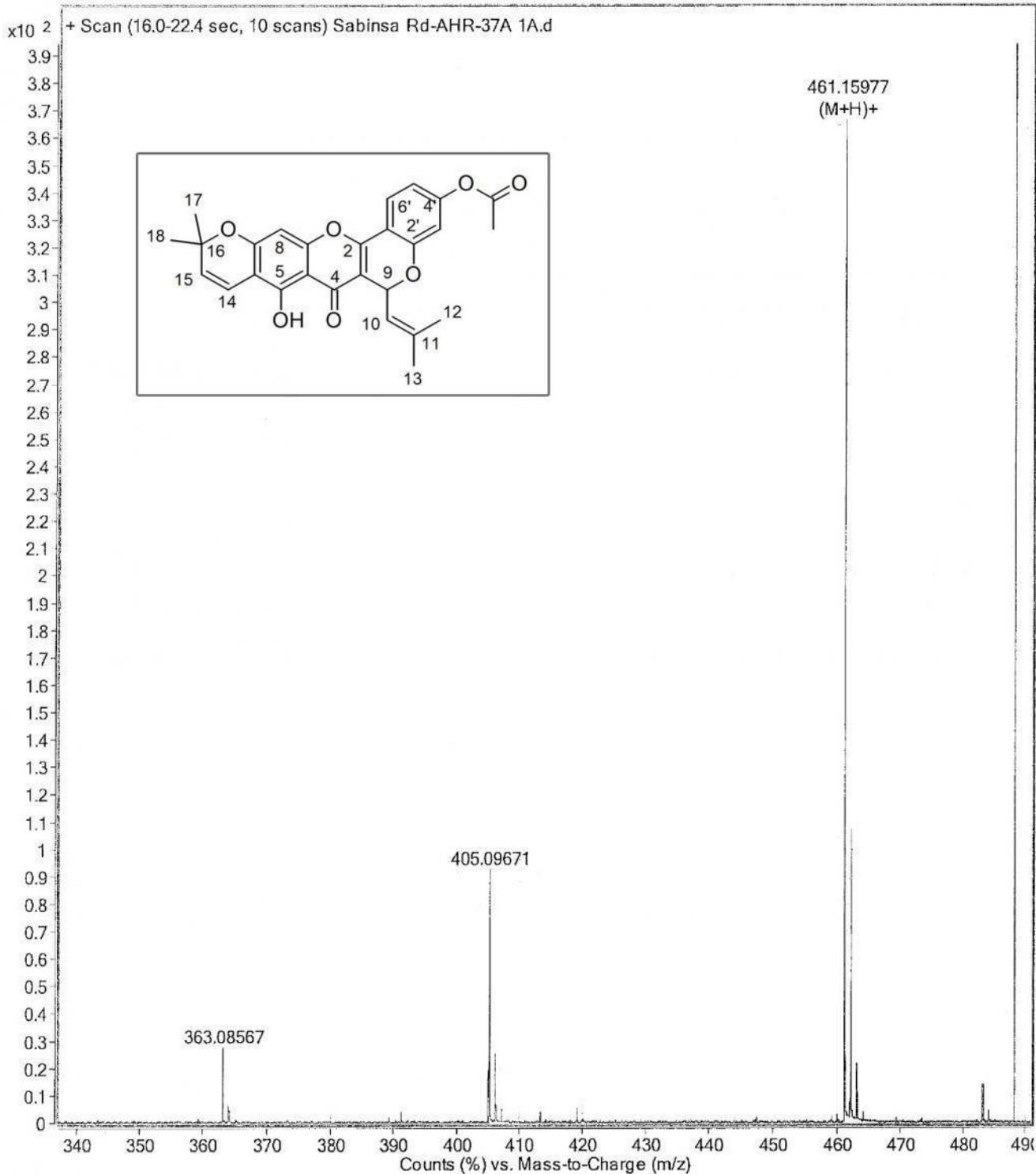


Figure S4: HRMS spectrum of Compound 4

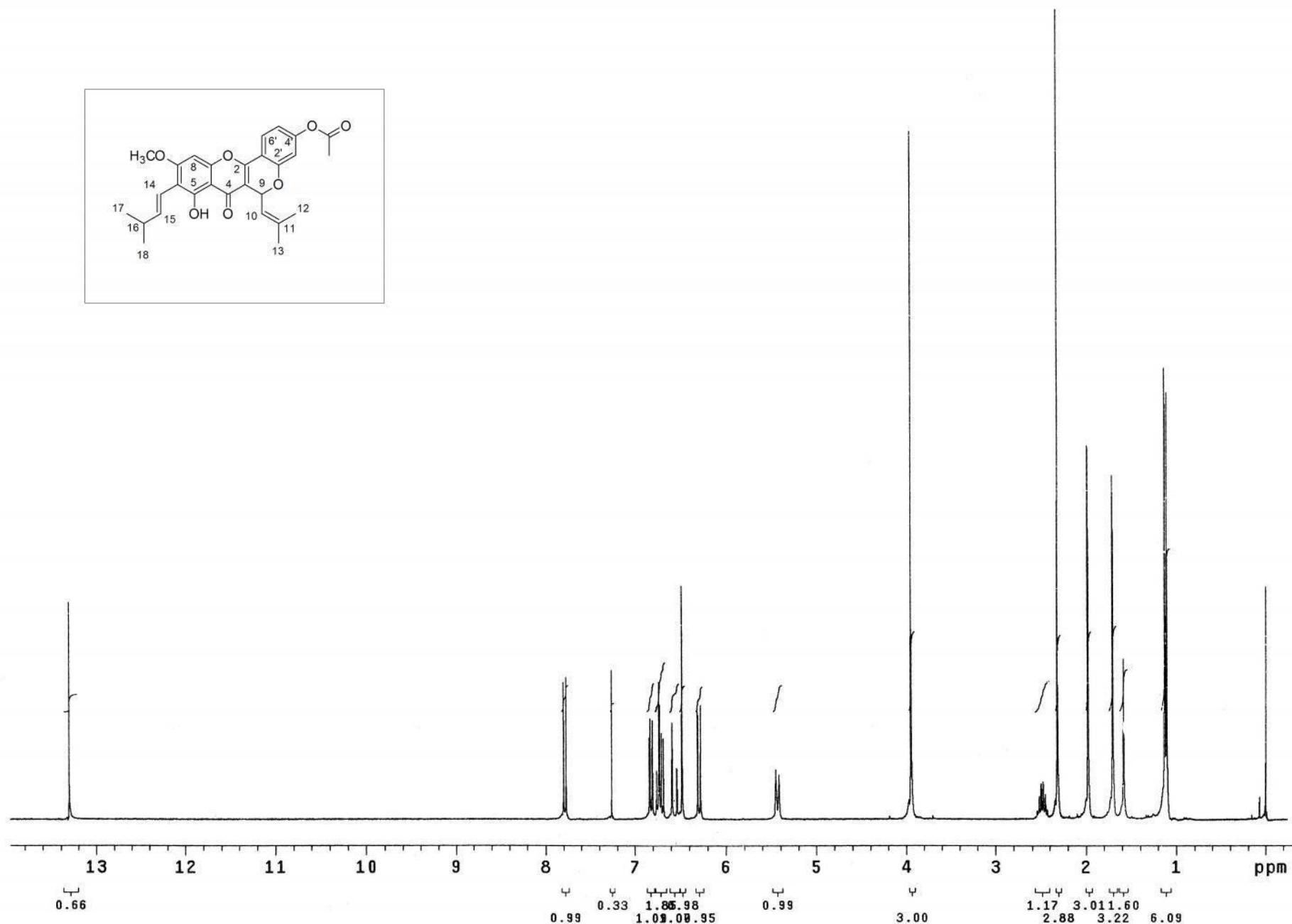


Figure S5: ¹H NMR spectrum of Compound 5

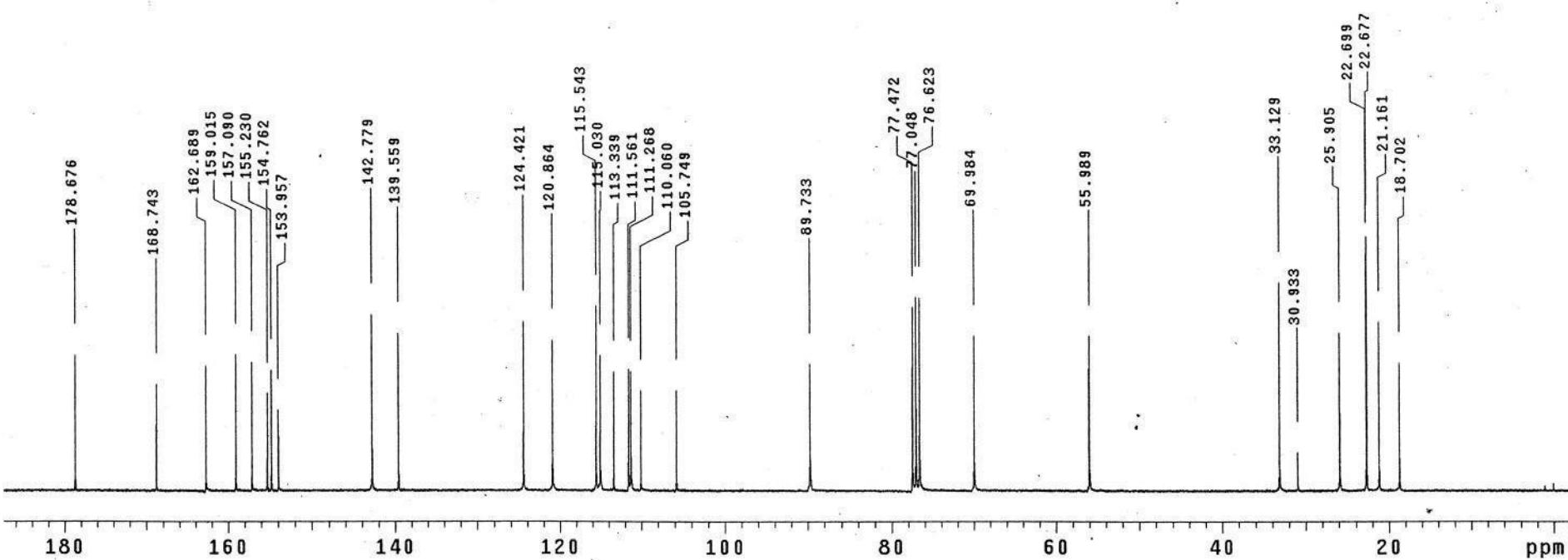
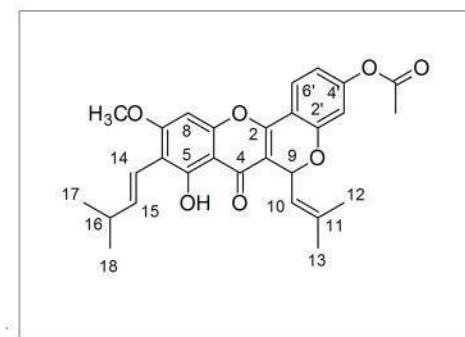


Figure S6: ¹³C NMR spectrum of Compound 5



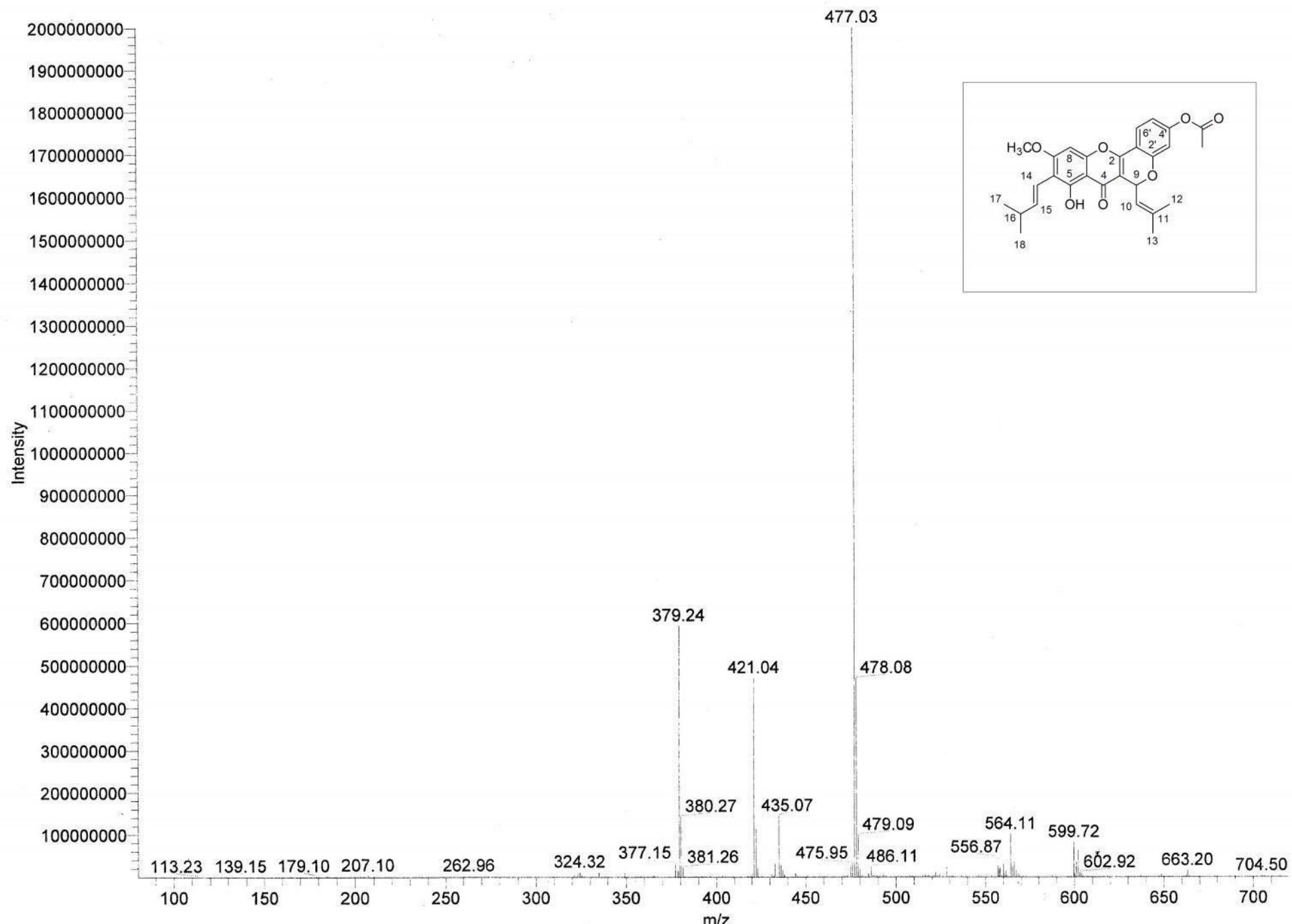


Figure S7: APCI MS spectrum of Compound 5

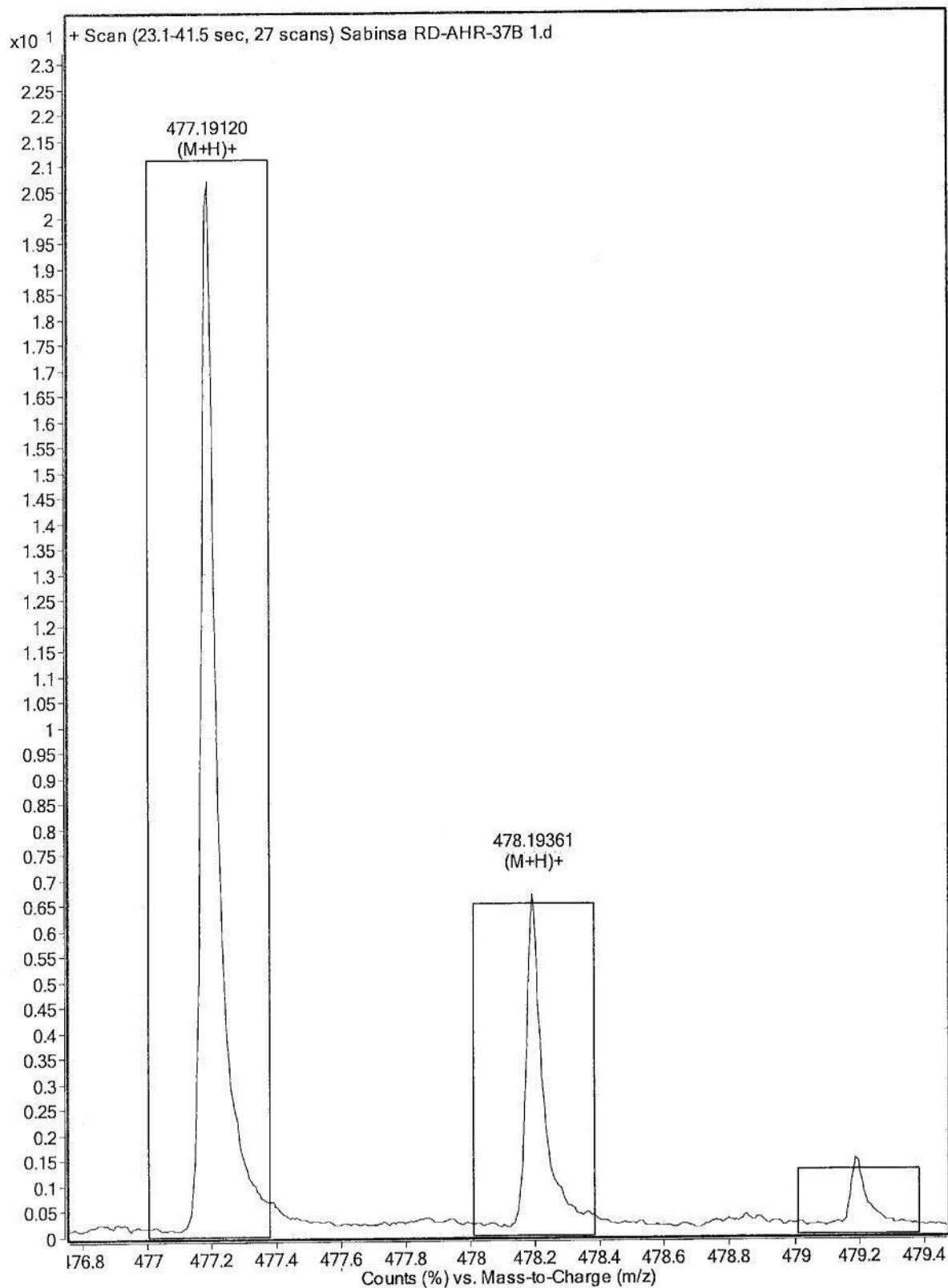


Figure S8: HRMS spectrum of Compound 5

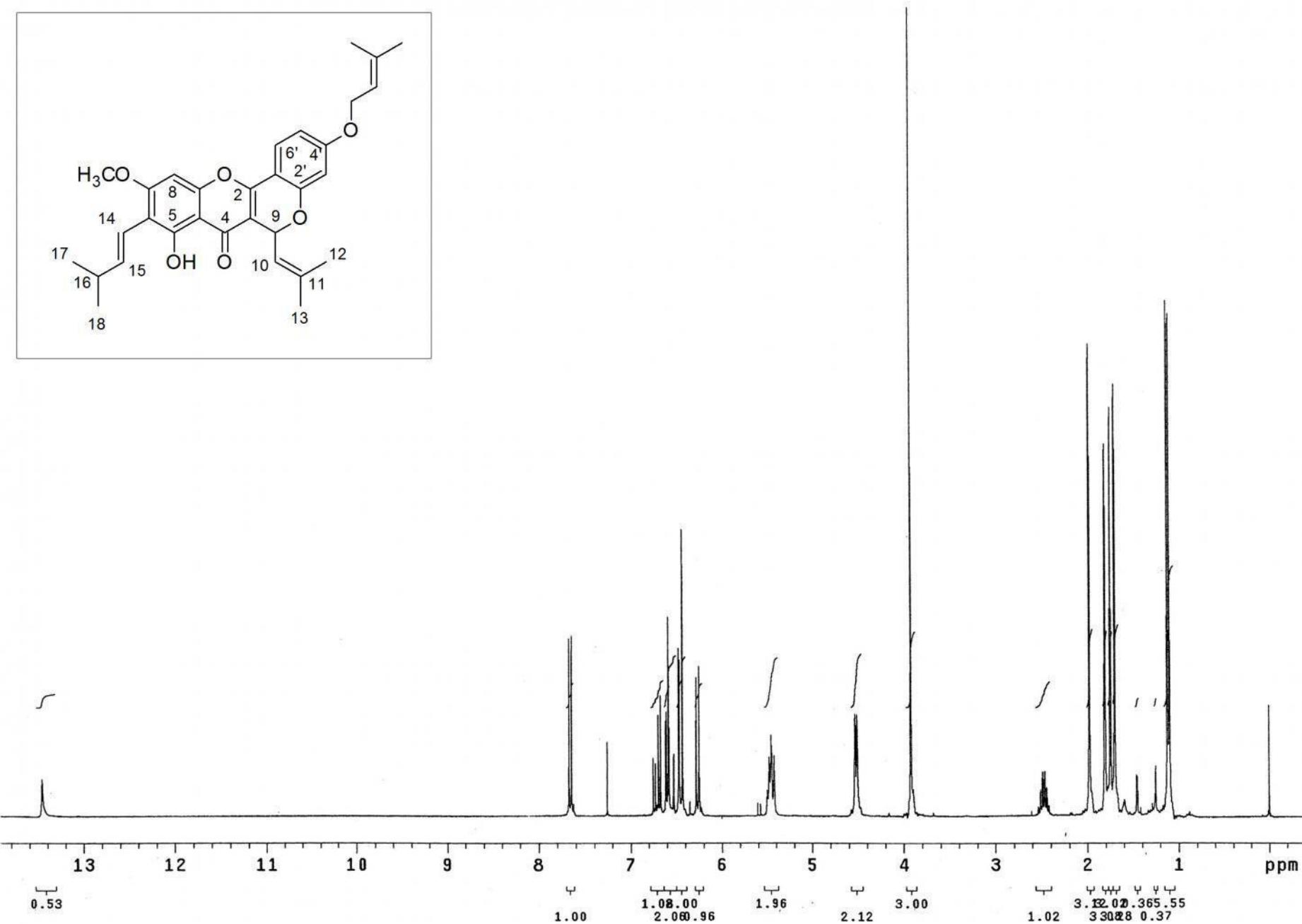


Figure S9: ¹H NMR spectrum of Compound 7

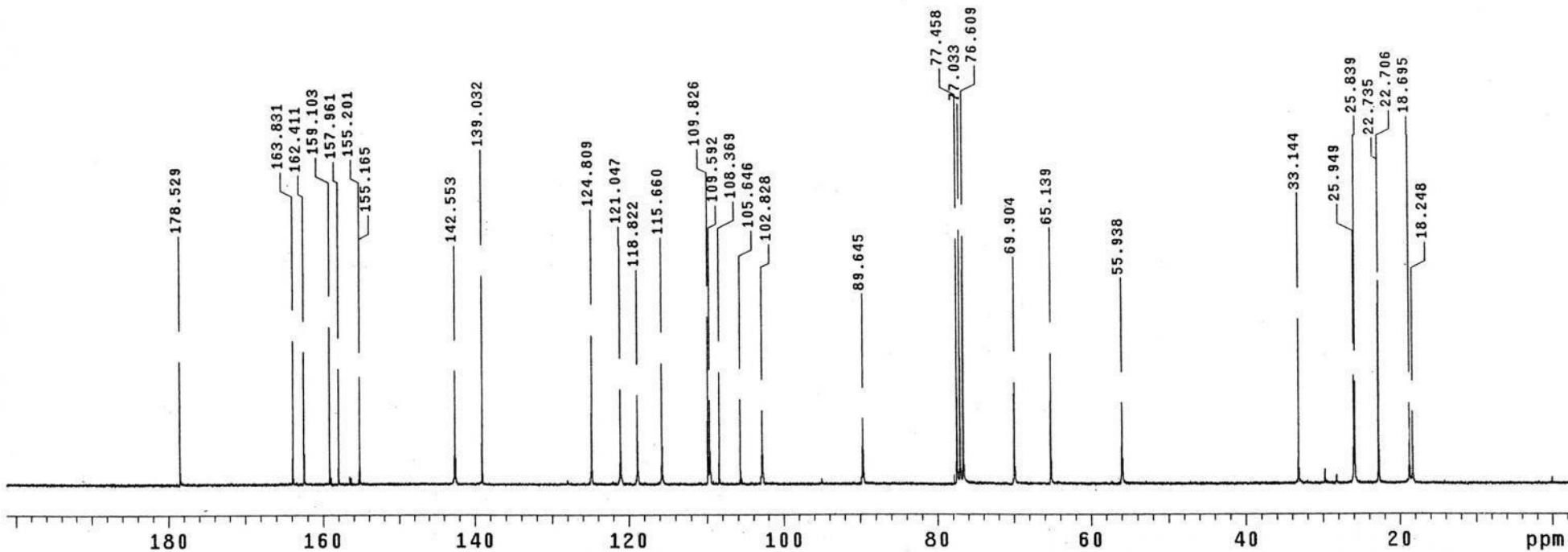
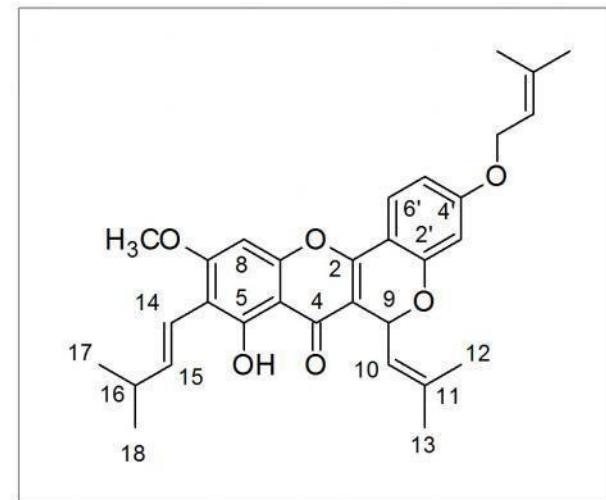


Figure S10: ¹³C NMR spectrum of Compound 7



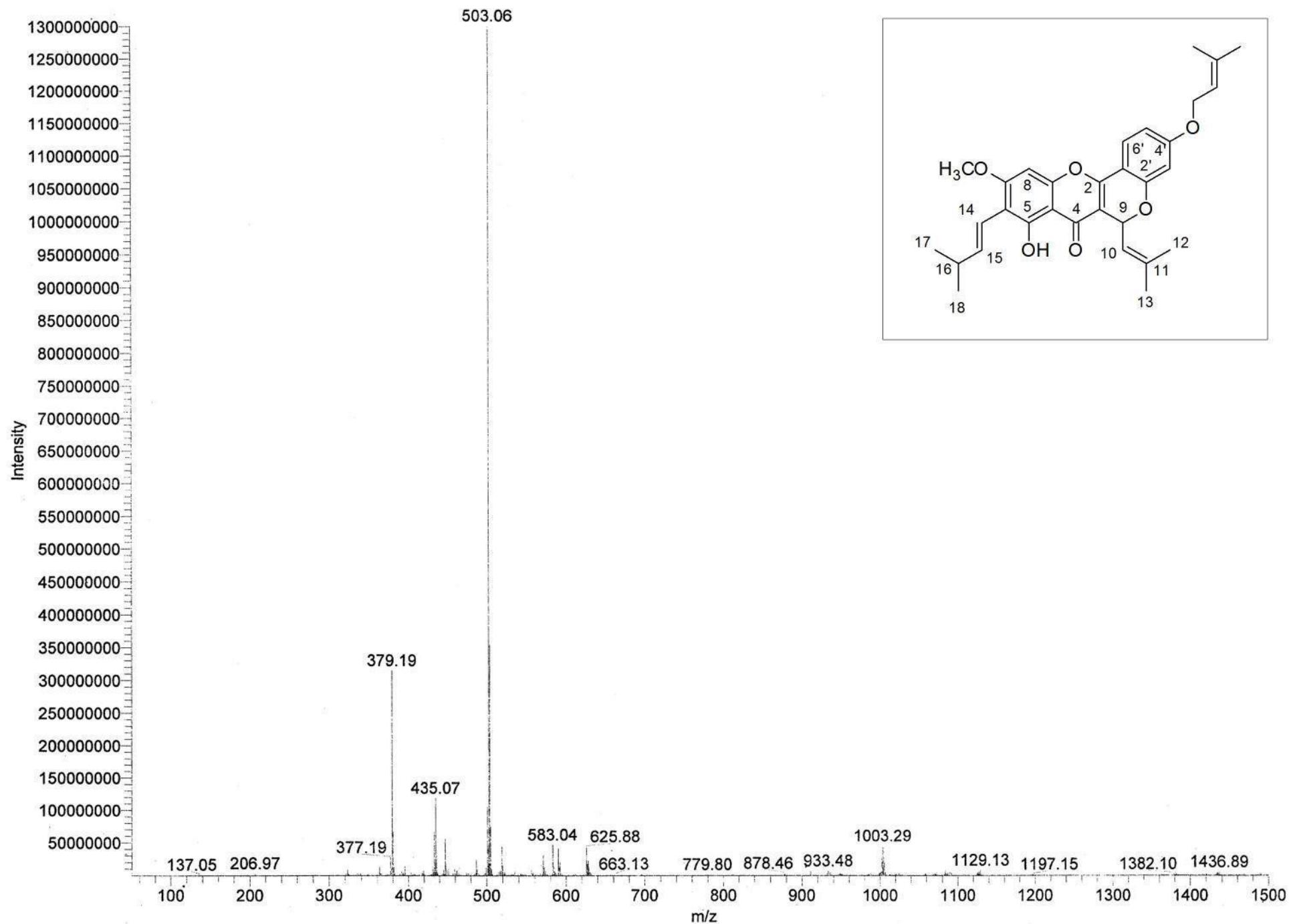
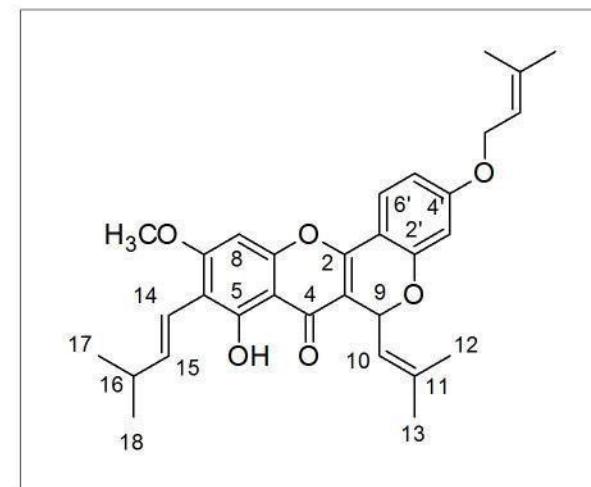


Figure S11: APCI MS spectrum of Compound 7



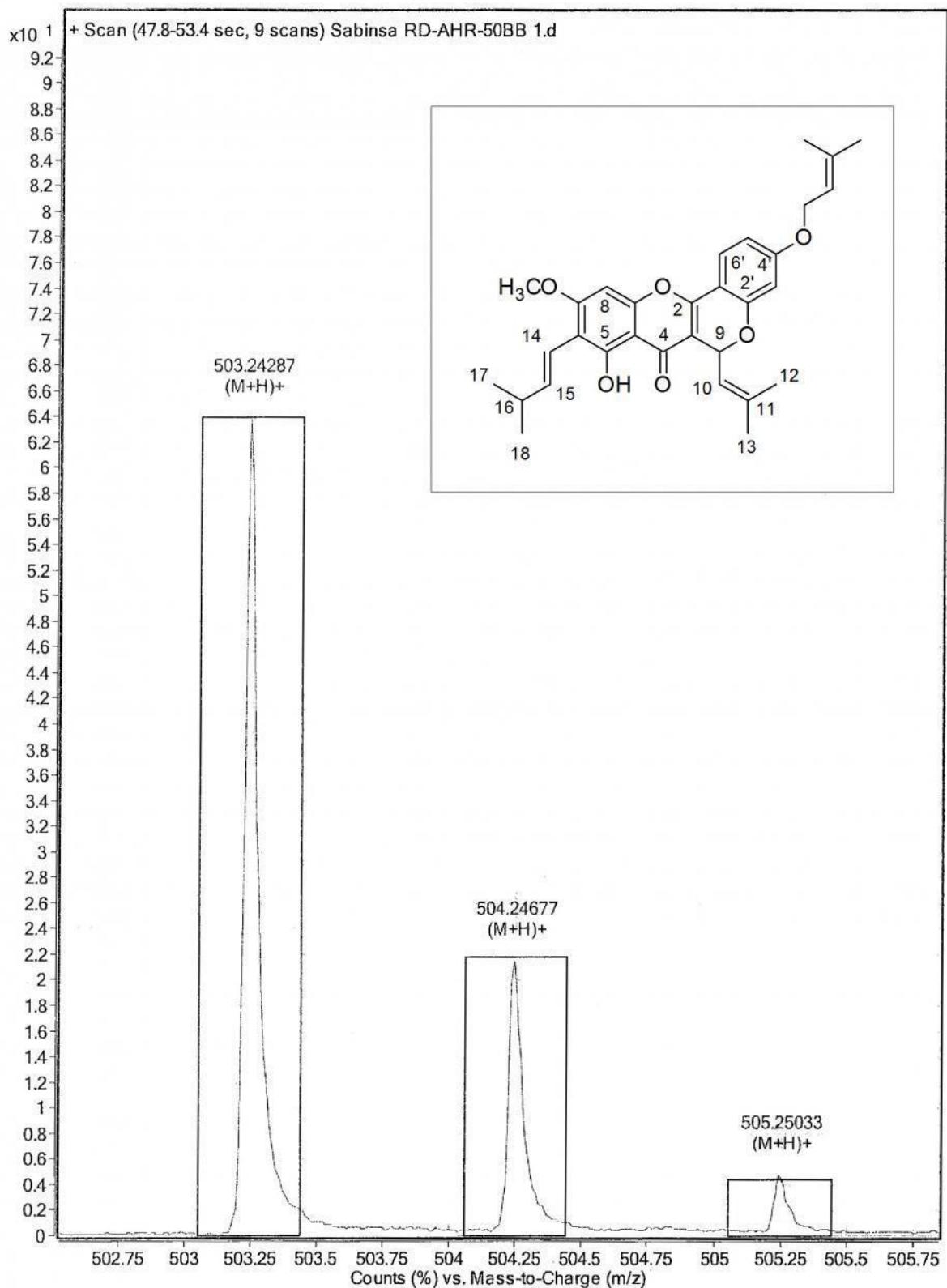


Figure S12: HRMS spectrum of Compound 7

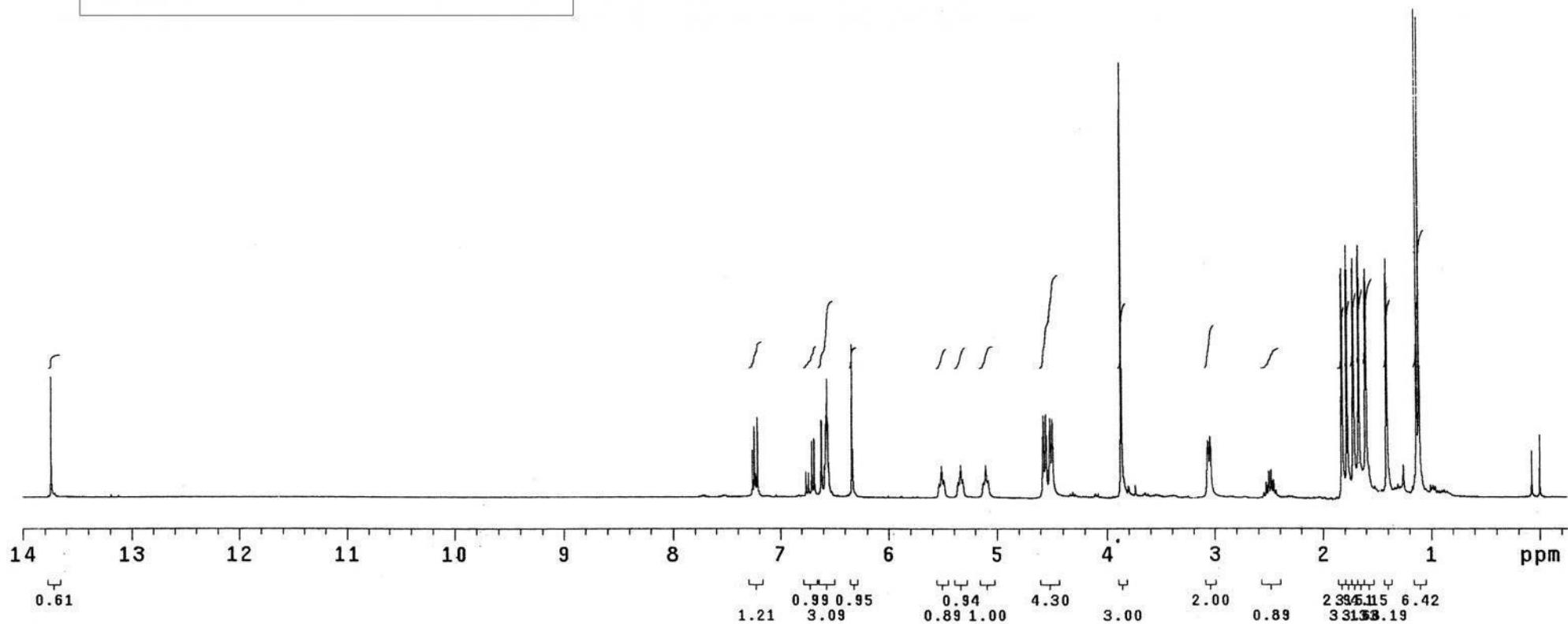
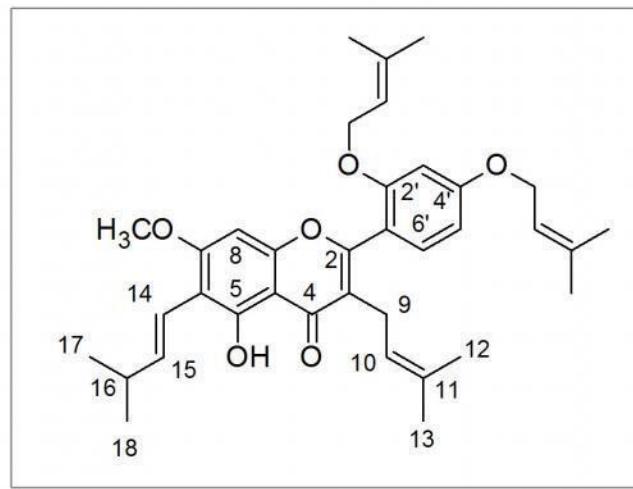


Figure S13: ¹H NMR spectrum of Compound 8

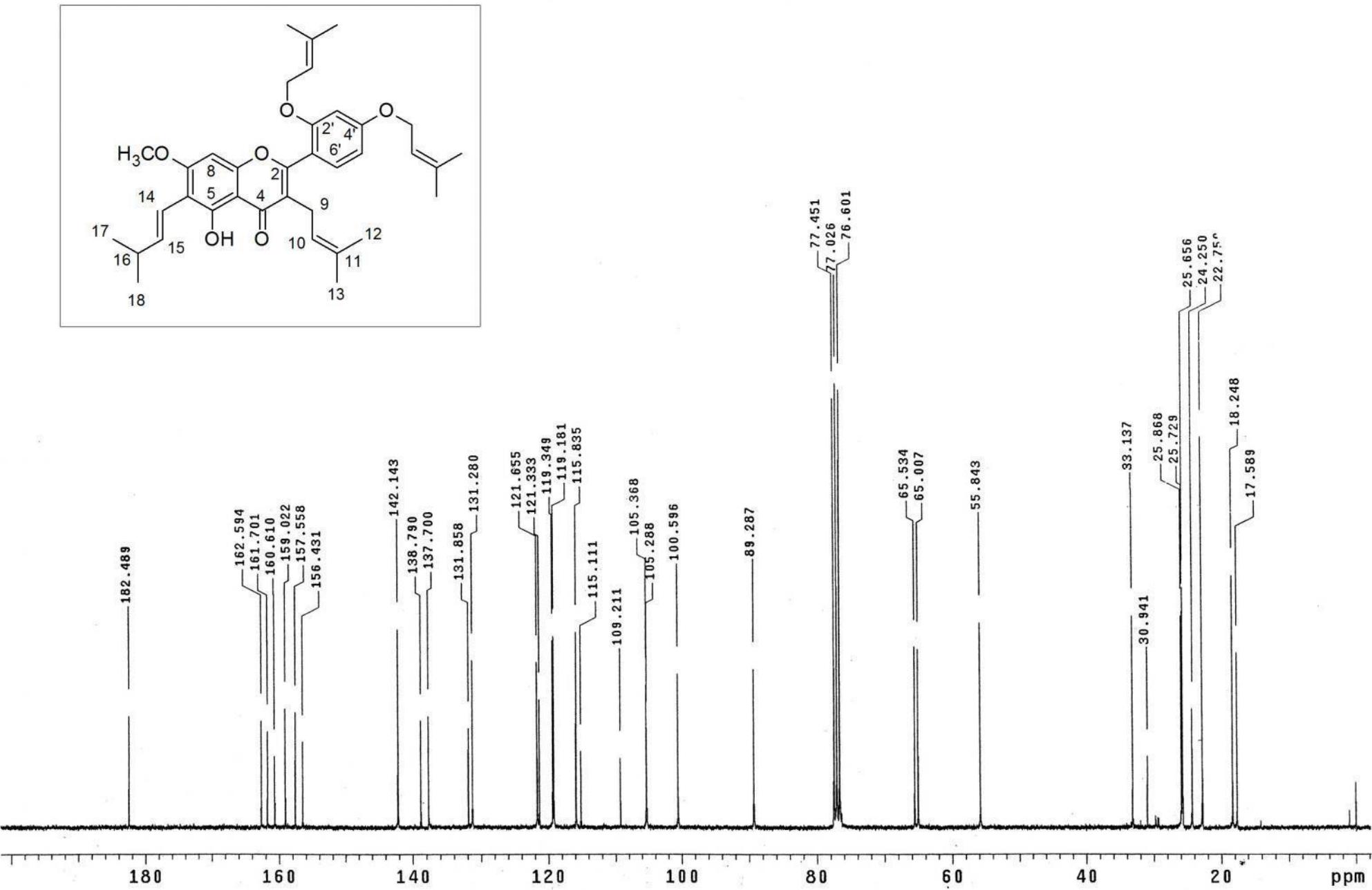


Figure S14: ^{13}C NMR spectrum of Compound 8

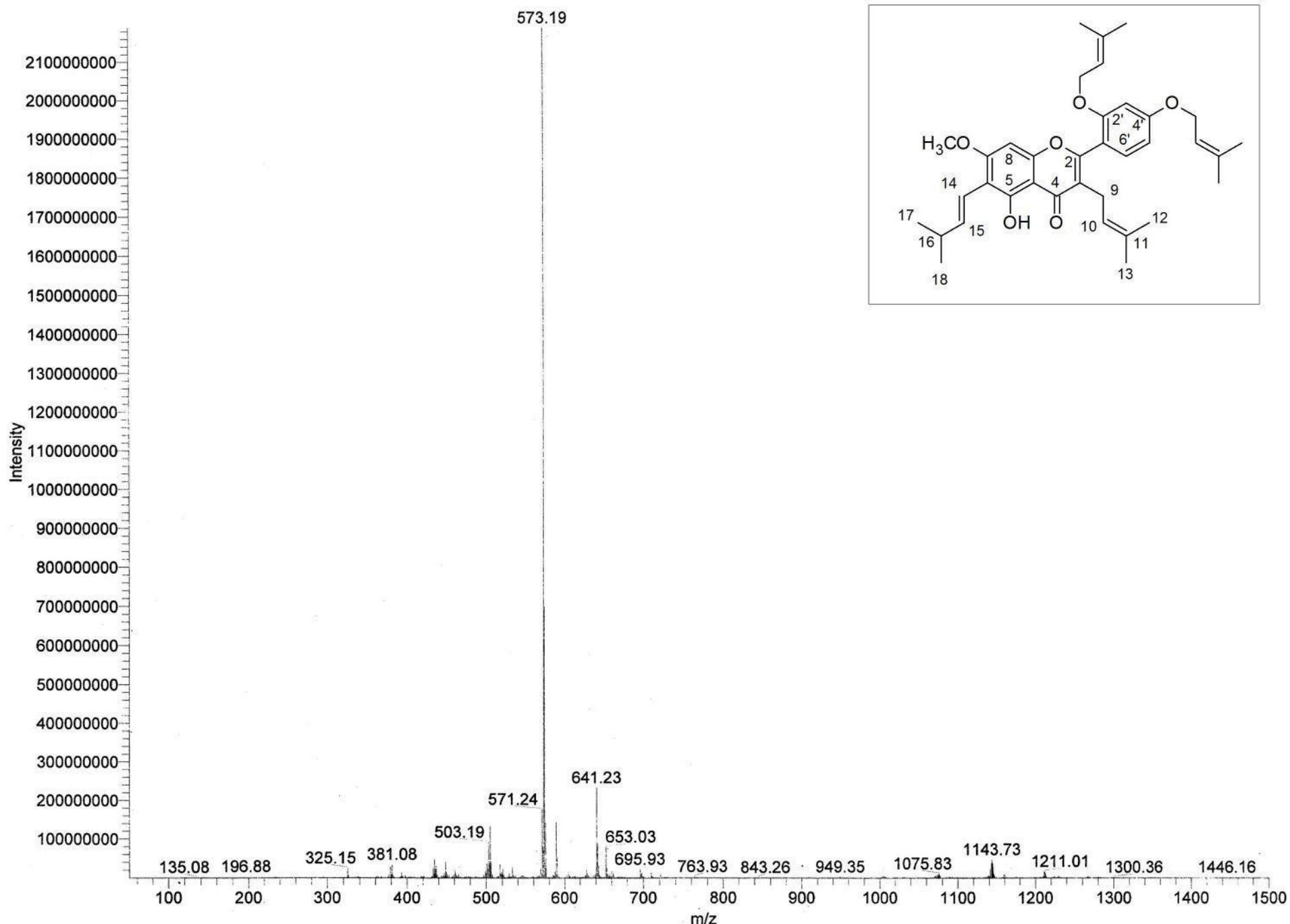


Figure S15: APCI MS spectrum of Compound 8

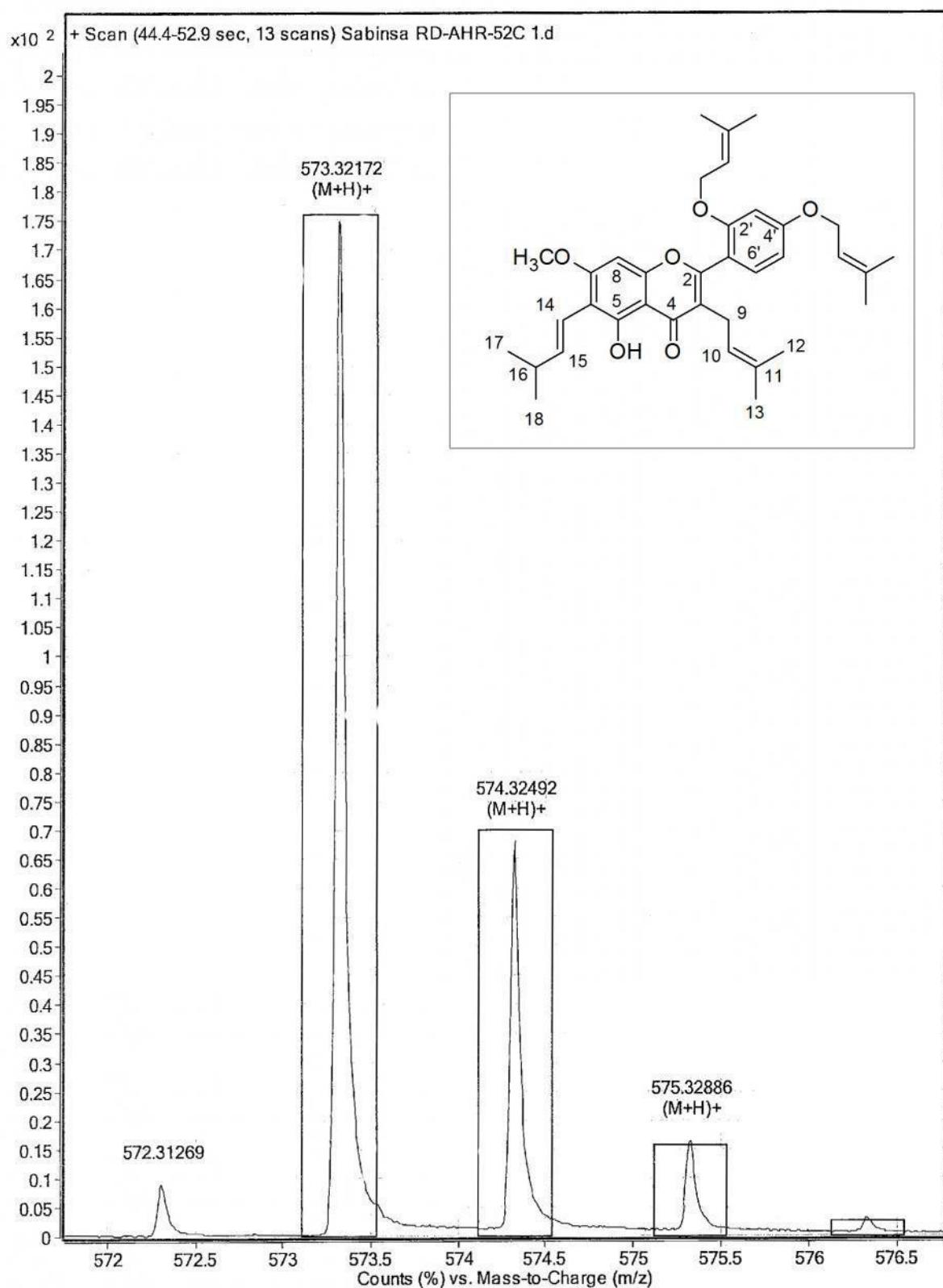
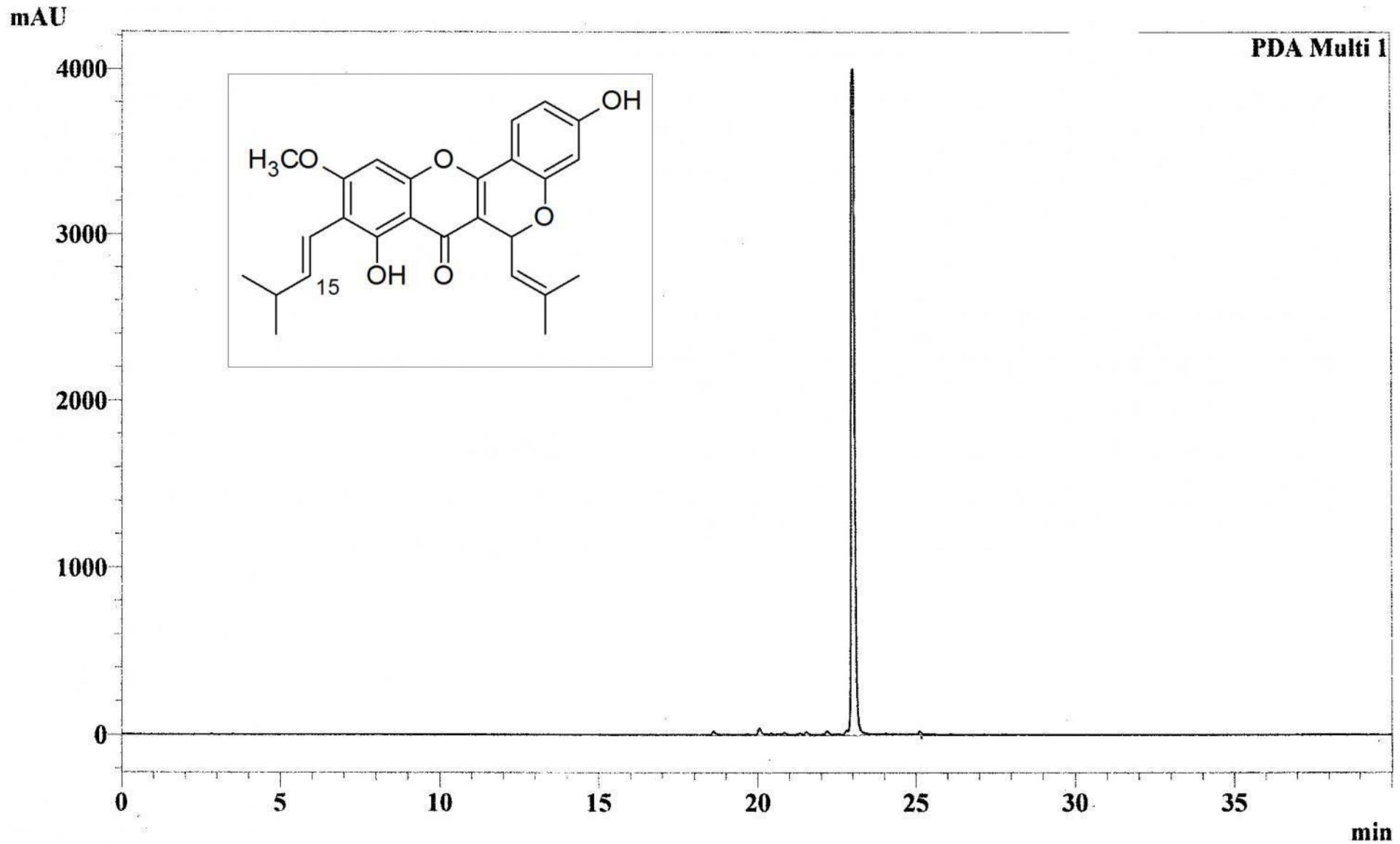


Figure S16: HRMS spectrum of Compound 8



1 PDA Multi 1 / 254nm 4nm

Figure S17: HPLC spectrum of Compound 2

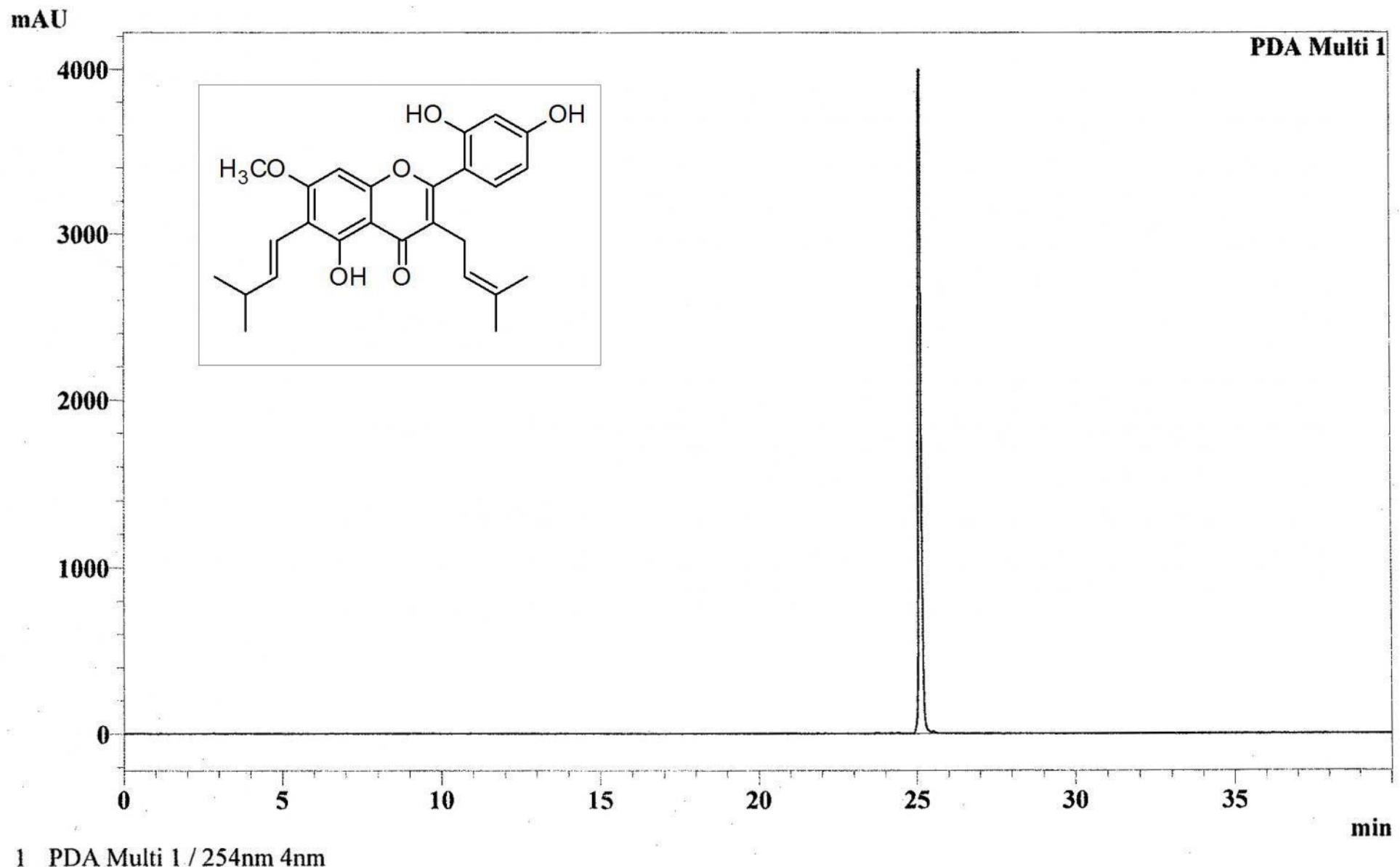
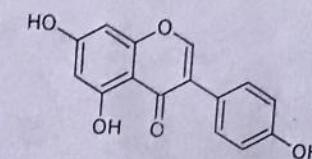


Figure S18: HPLC spectrum of Compound 3



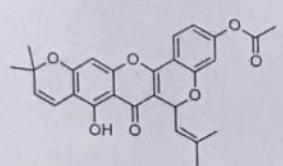
Daidzein + FeCl₃ solution
(in methanol)



Genistein
(in methanol)

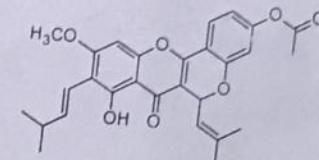
Genistein + FeCl₃ solution
(in methanol)

Figure S19: FeCl₃ test



Compound 4
(in methanol)

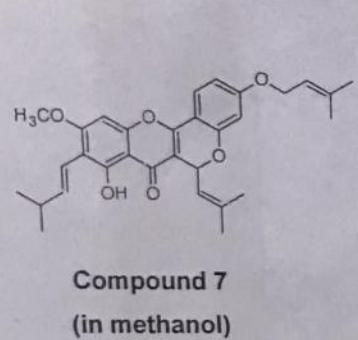
Compound 4 + FeCl₃ solution
(in methanol)



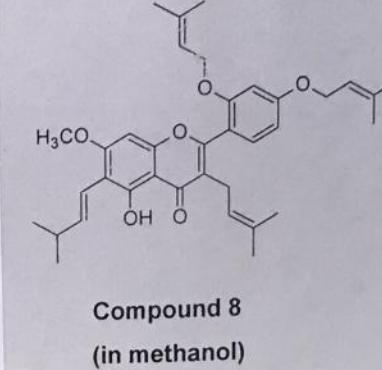
Compound 5
(in methanol)

Compound 5 + FeCl₃ solution
(in methanol)

Figure S20: FeCl₃ test



Compound 7 + FeCl₃ solution
(in methanol)



Compound 8 + FeCl₃ solution
(in methanol)

Figure S21: FeCl₃ test

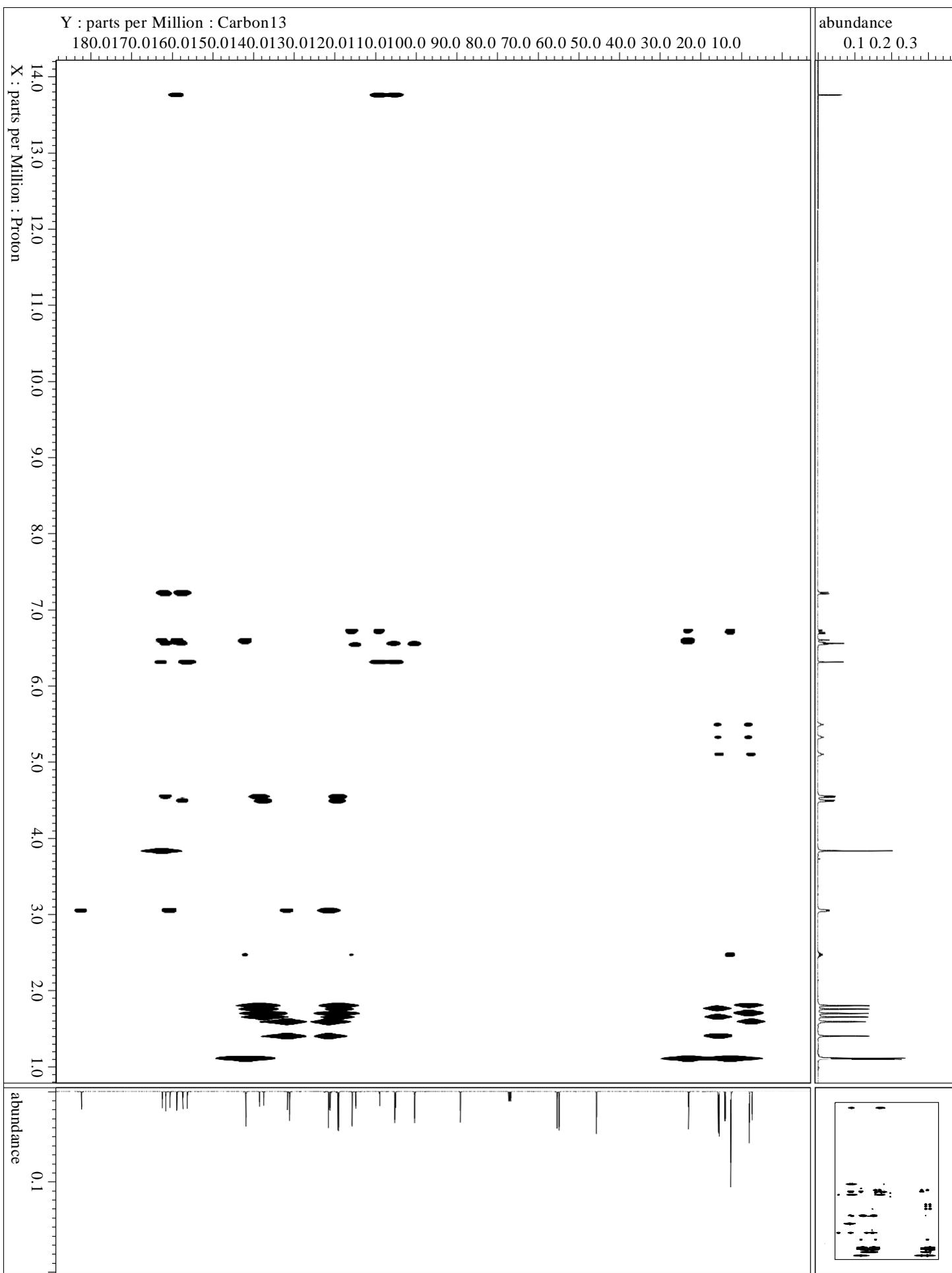


Figure S22: HMBC Spectrum of Compound 8

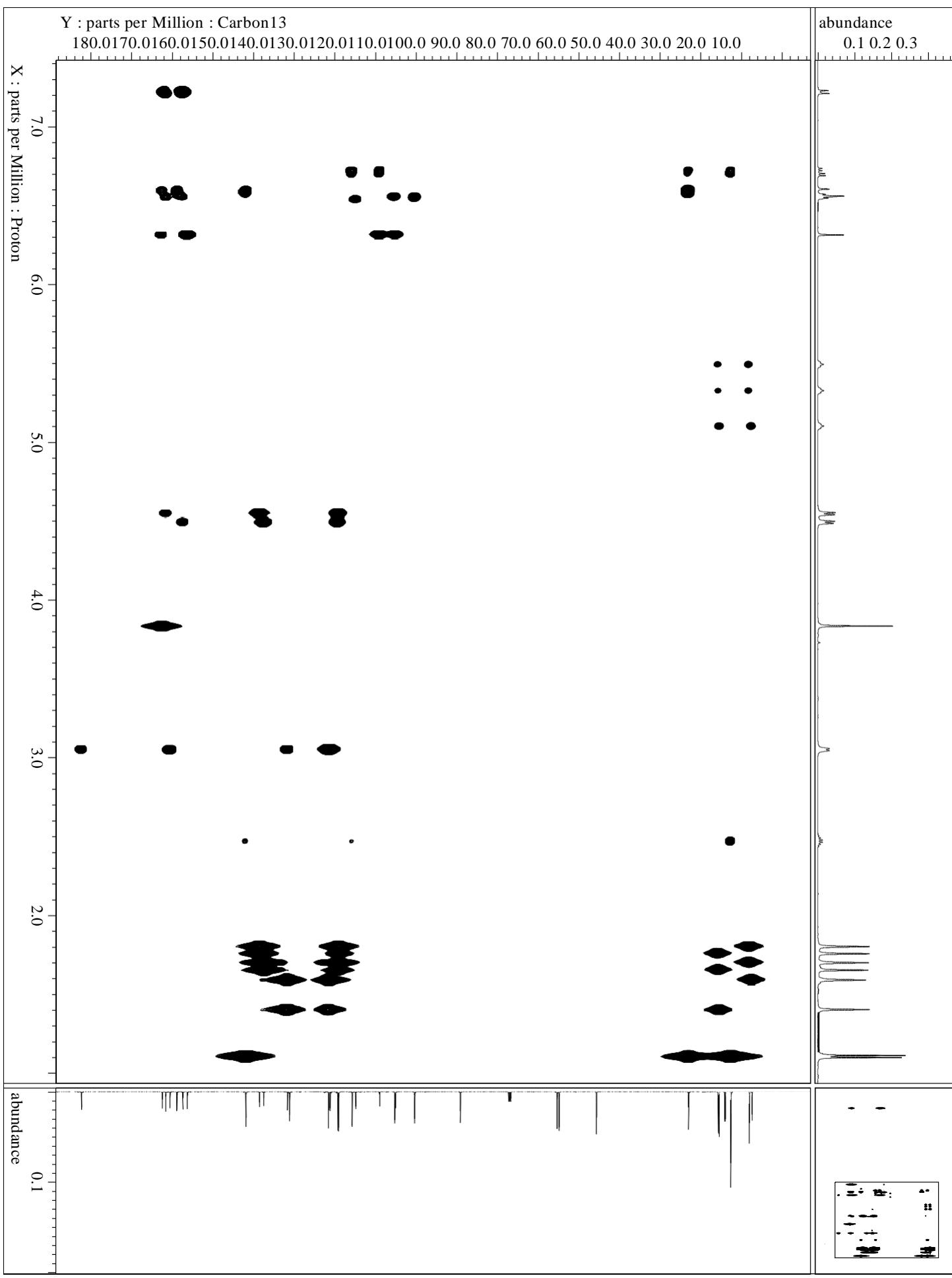


Figure S23: HMBC Spectrum of Compound 8

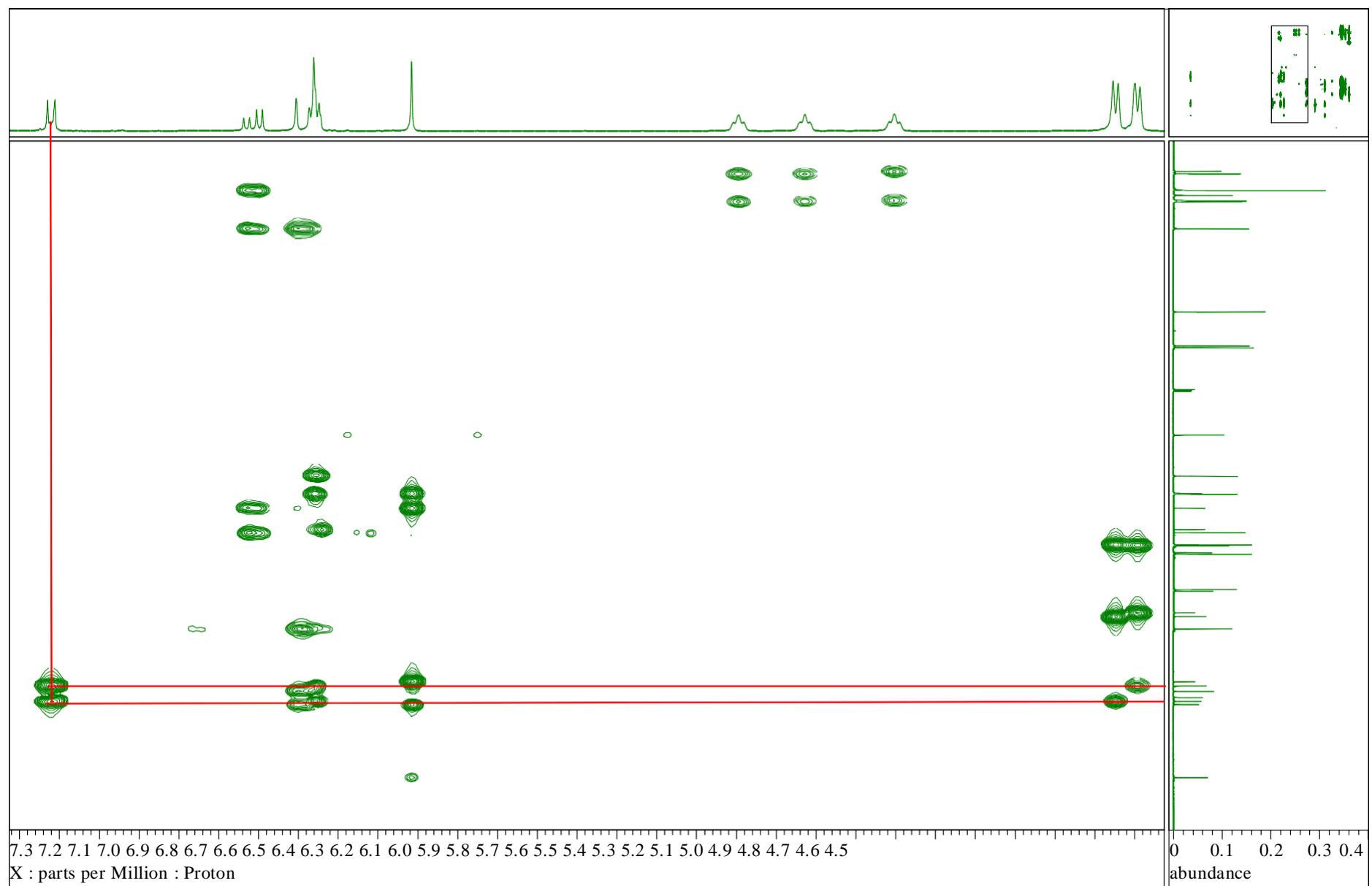


Figure S24: HMBC Spectrum of Compound 8