

Rhizomatoflavonoid D and other flavonoids from the twigs of *Ochna rhizomatosa* as a potential inhibitor of HIV-1

Supplementary material

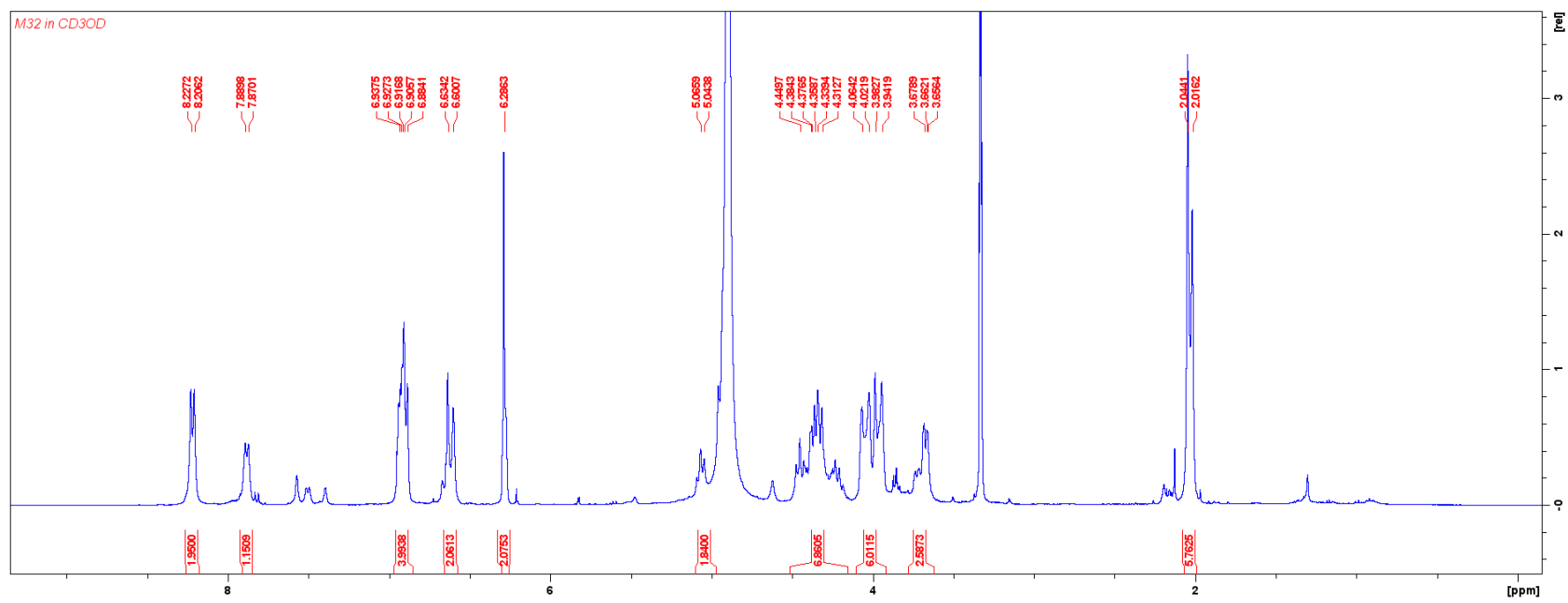


Figure S1. ^1H NMR spectrum of compound **1**

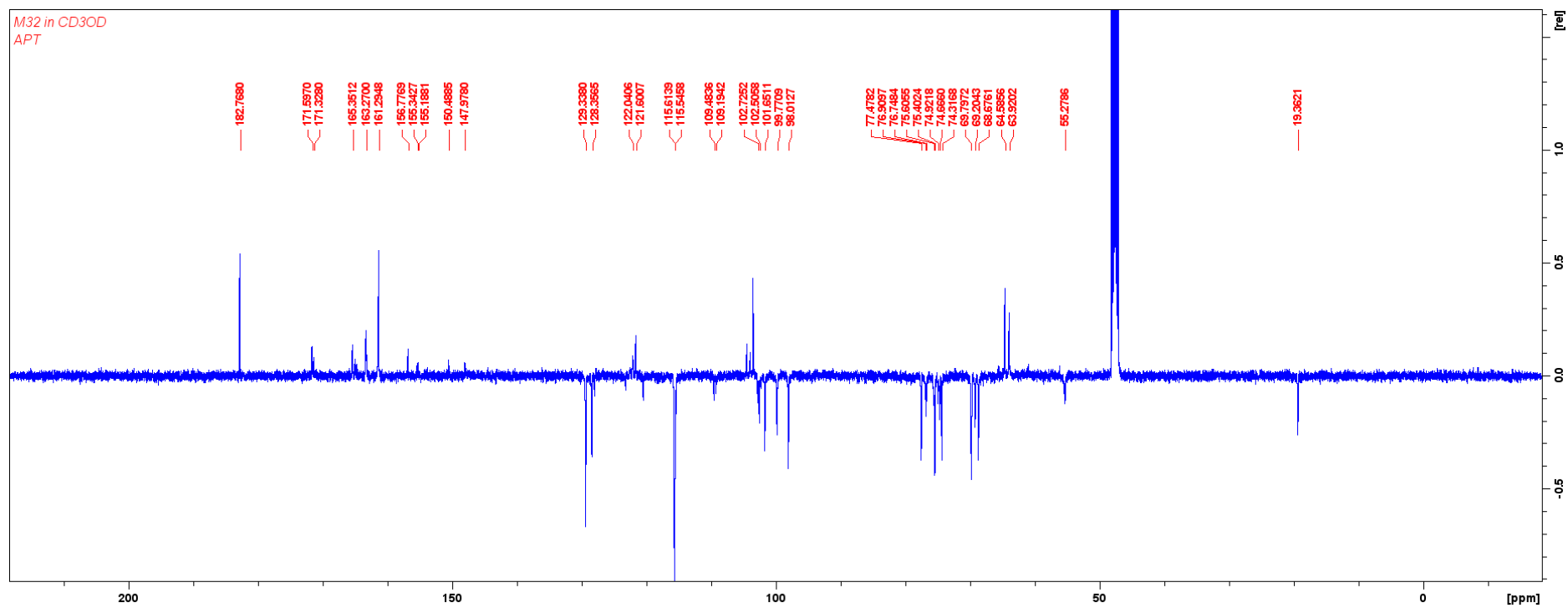


Figure S2. ^{13}C APT spectrum of compound **1**

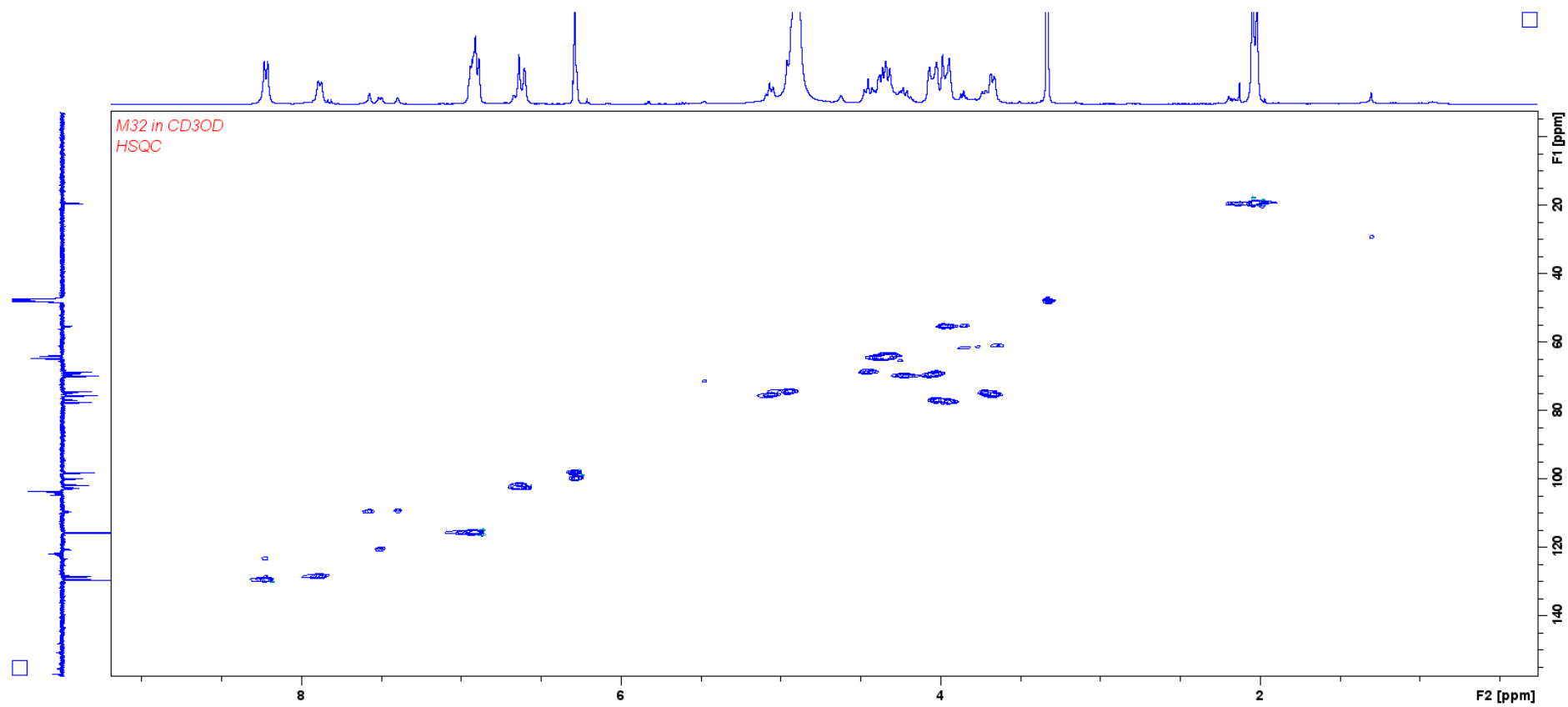


Figure S3. HSQC spectrum of compound **1**

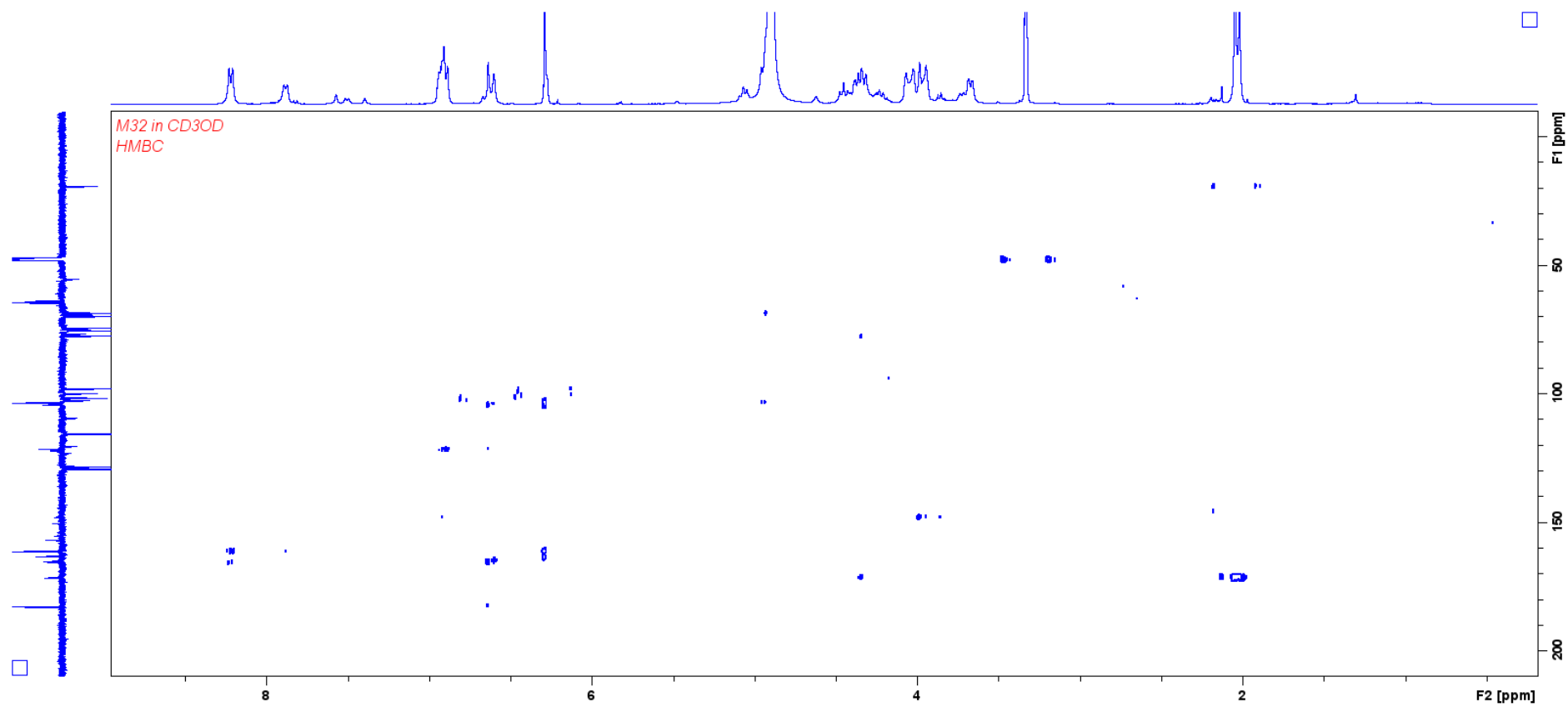


Figure S4. HMBC spectrum of compound **1**

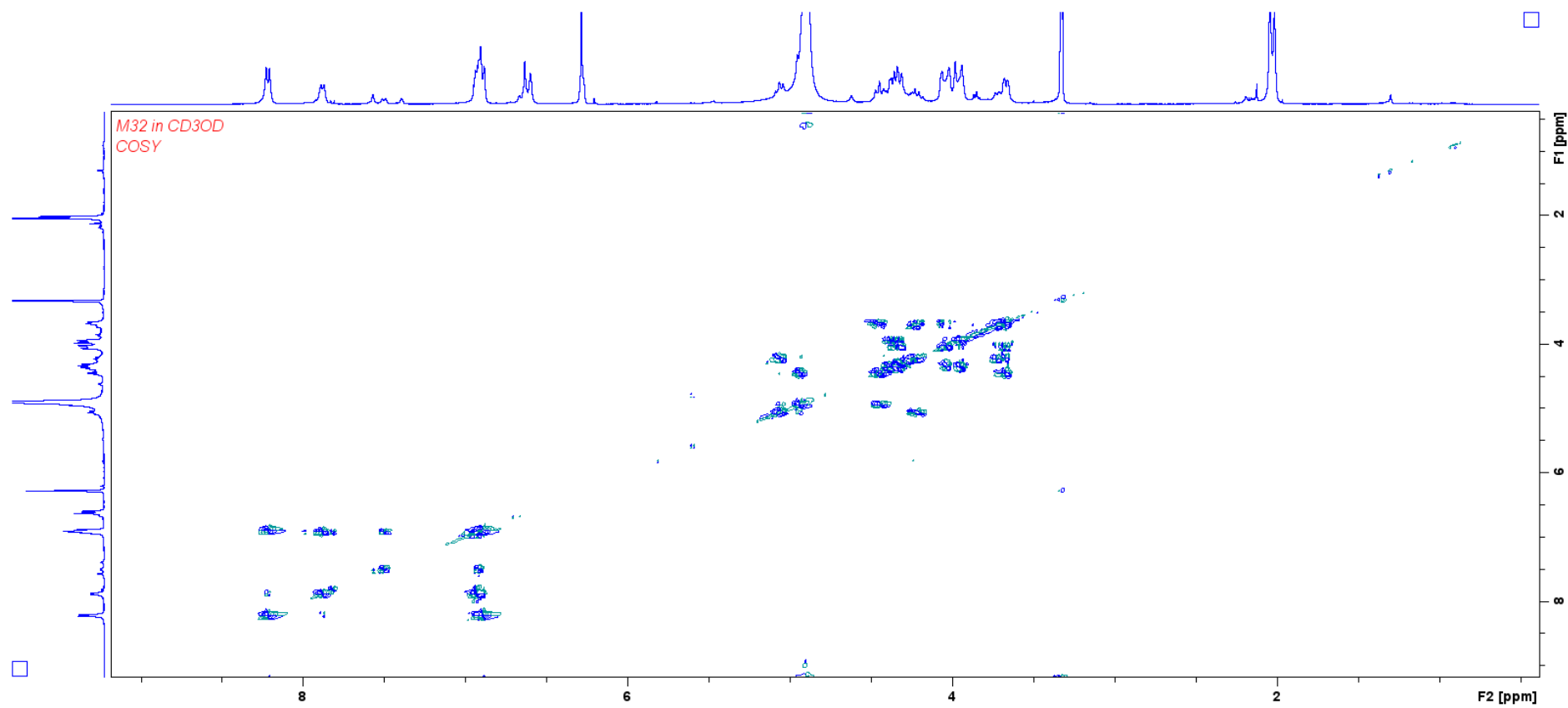


Figure S5. COSY spectrum of compound **1**

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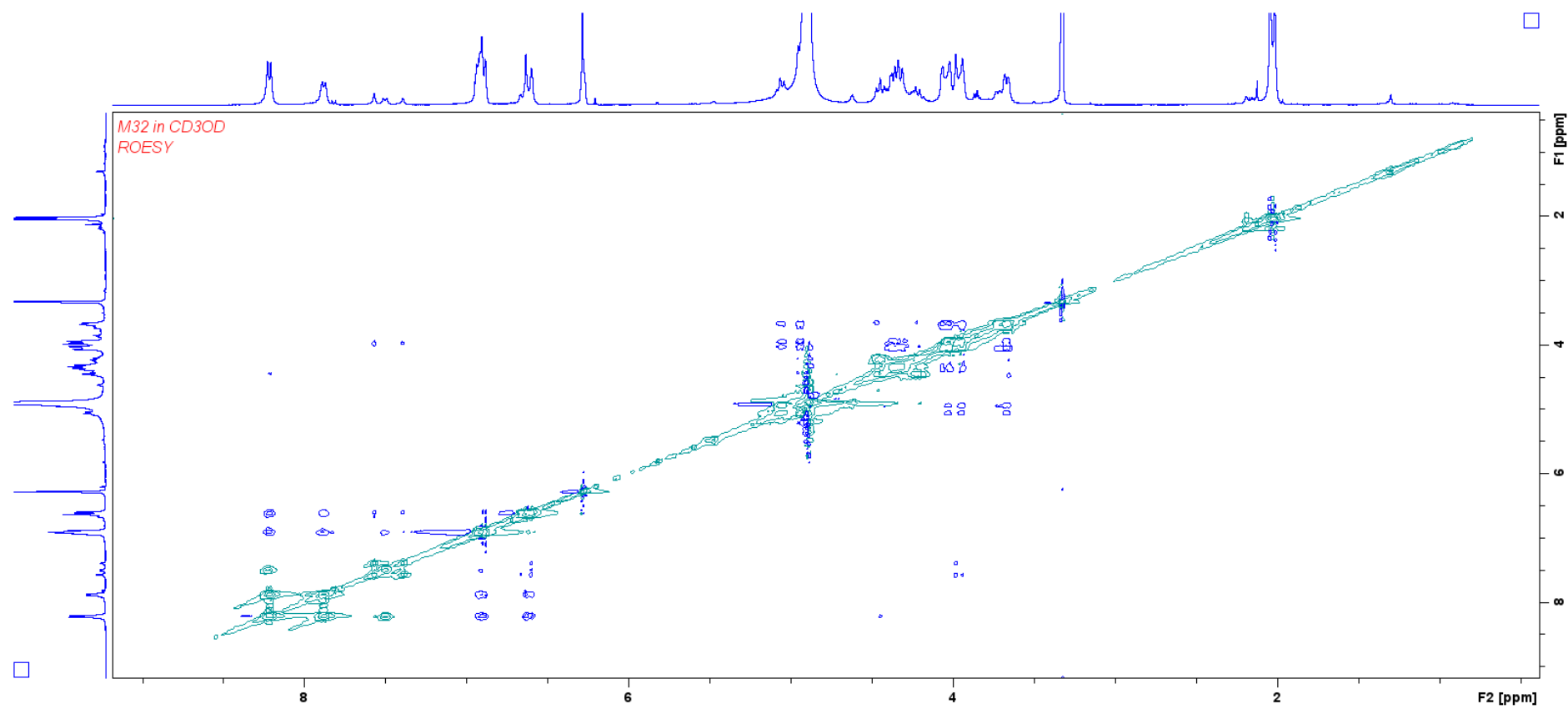


Figure S6. ROESY spectrum of compound 1

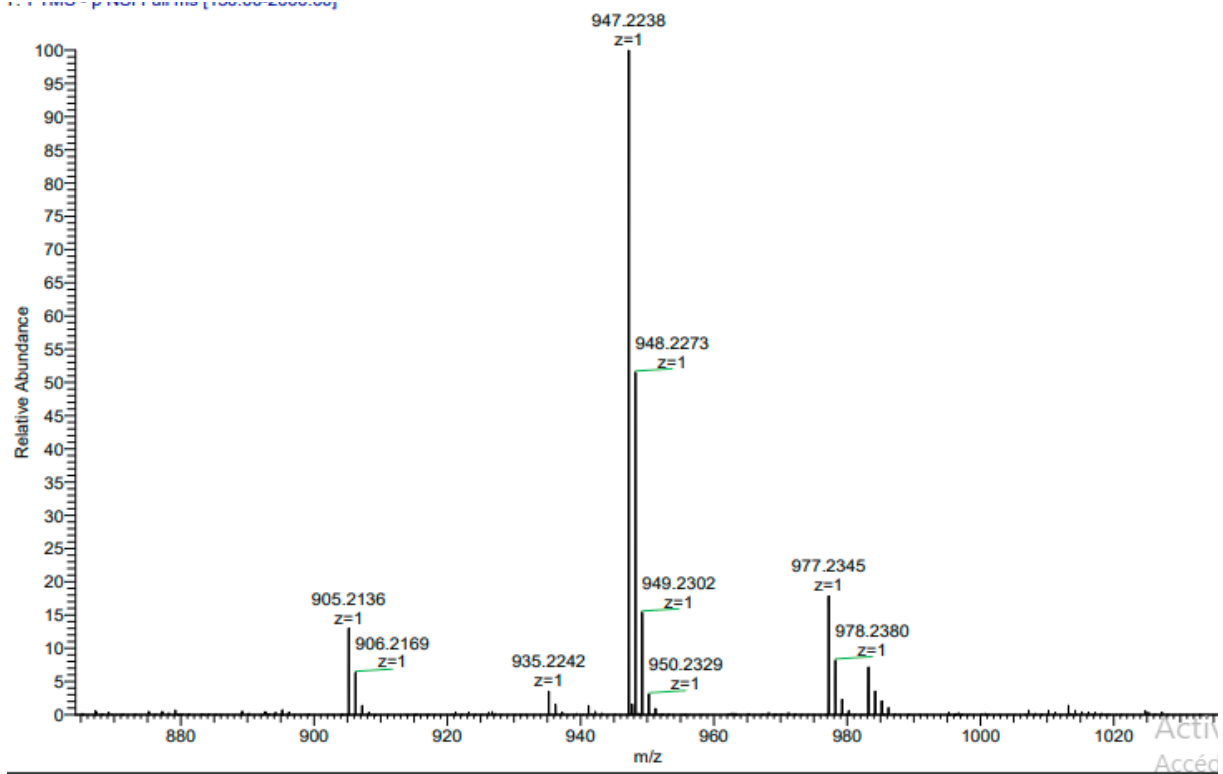


Figure S7. High Resolution ESI Mass Spectrum (-) of compound 1

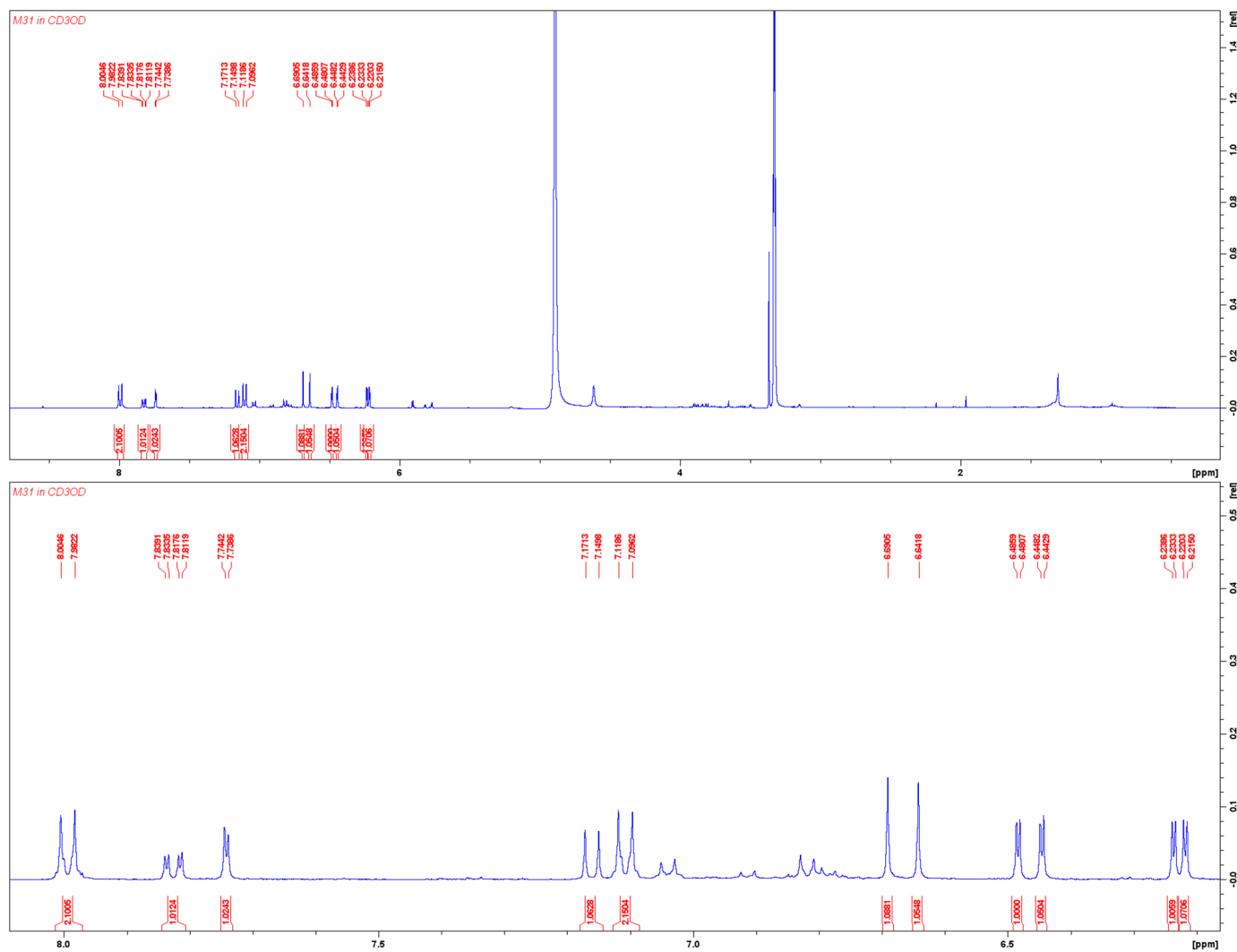


Figure S8. ¹H NMR spectrum of compound 3

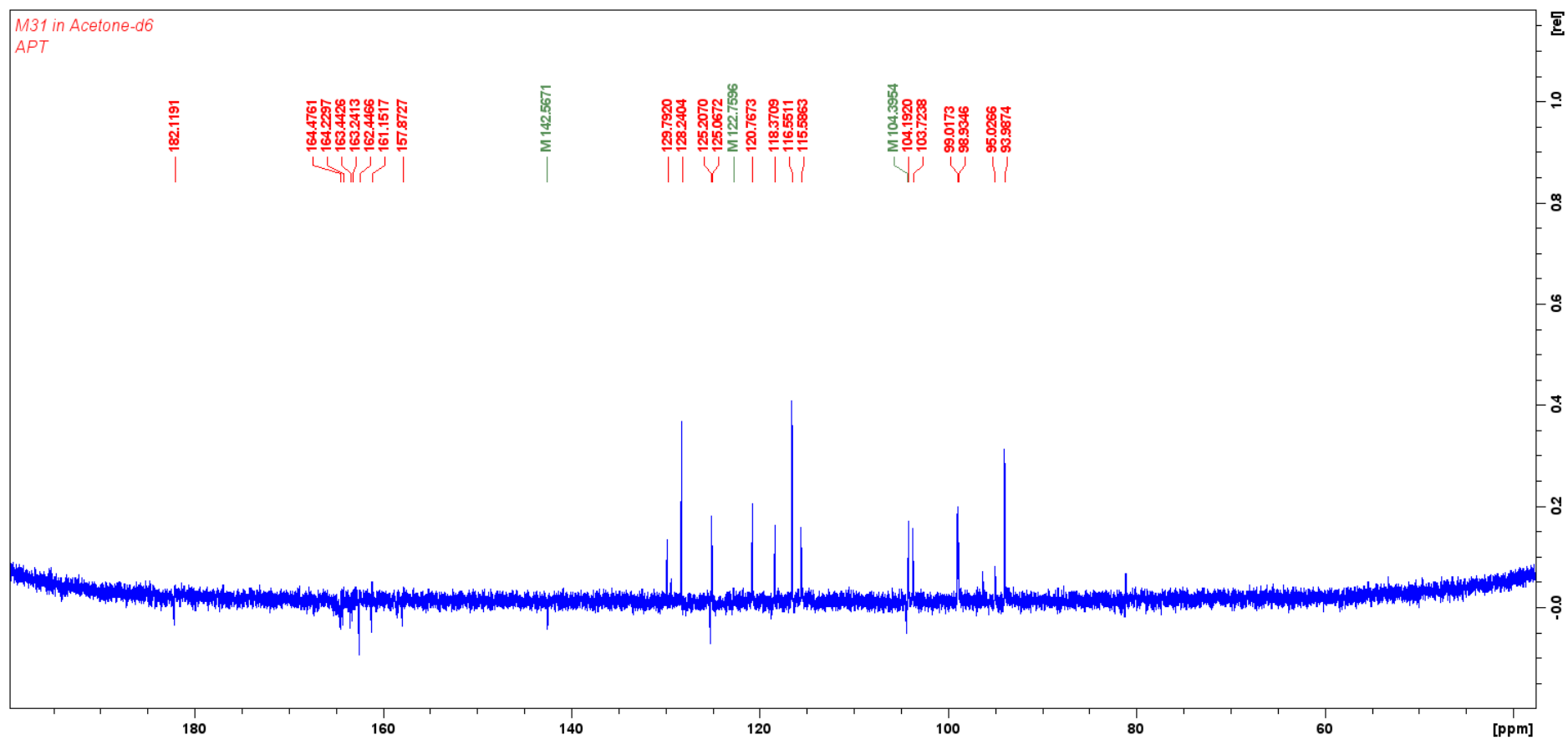


Figure S9. ^{13}C APT spectrum of compound **3**

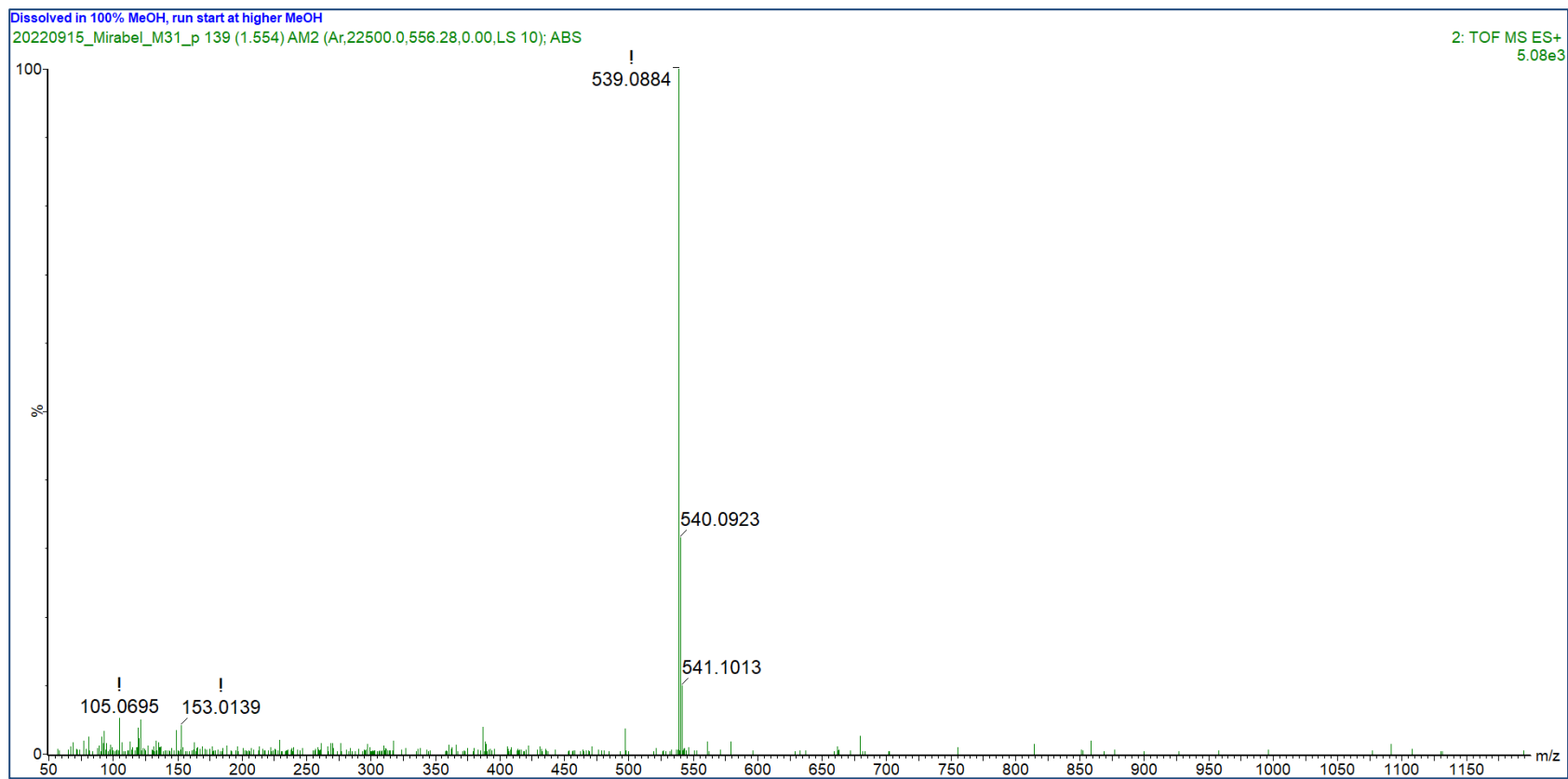


Figure S10. High Resolution Mass Spectrum of compound **3**

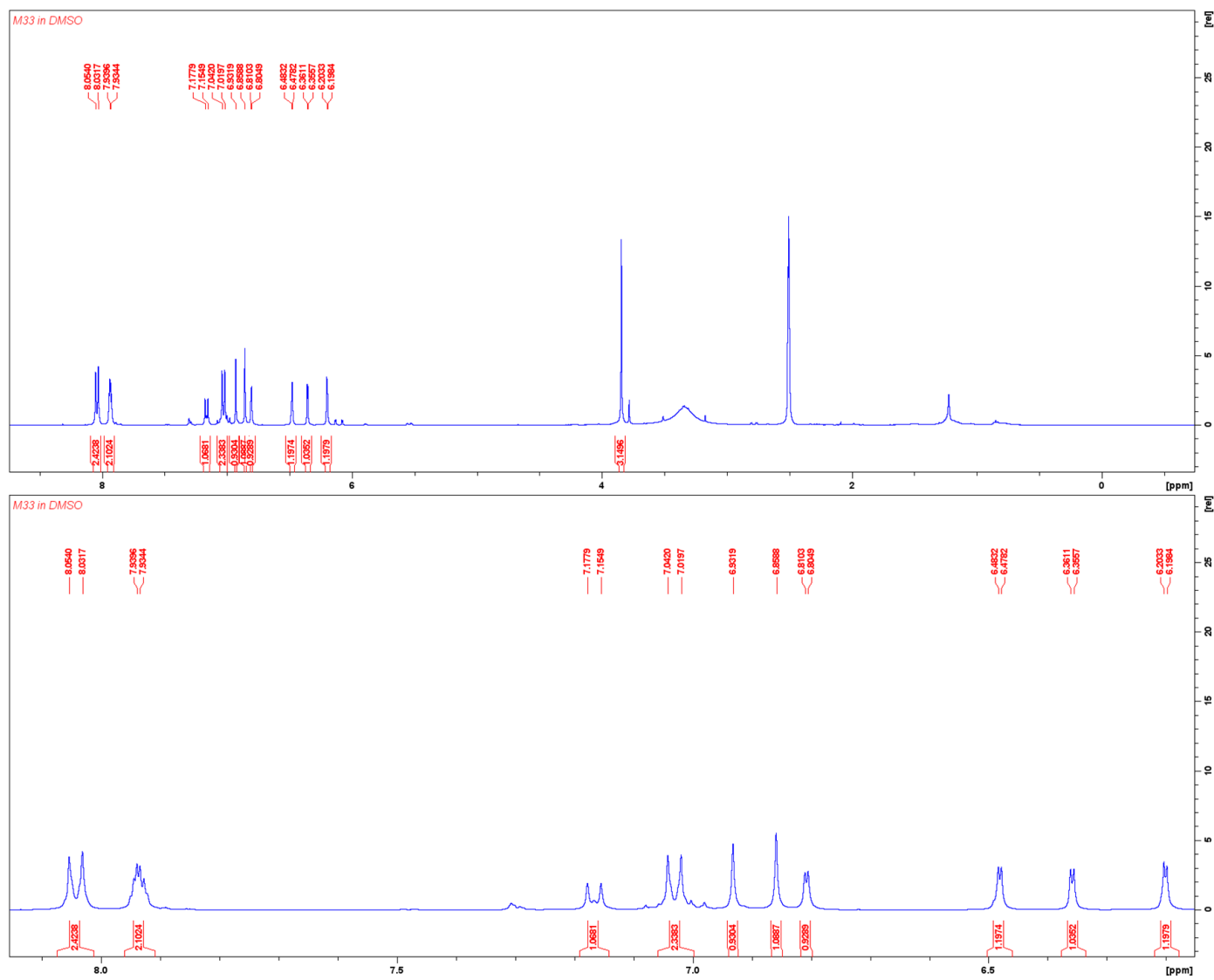


Figure S11. ¹H NMR spectrum of compound 4

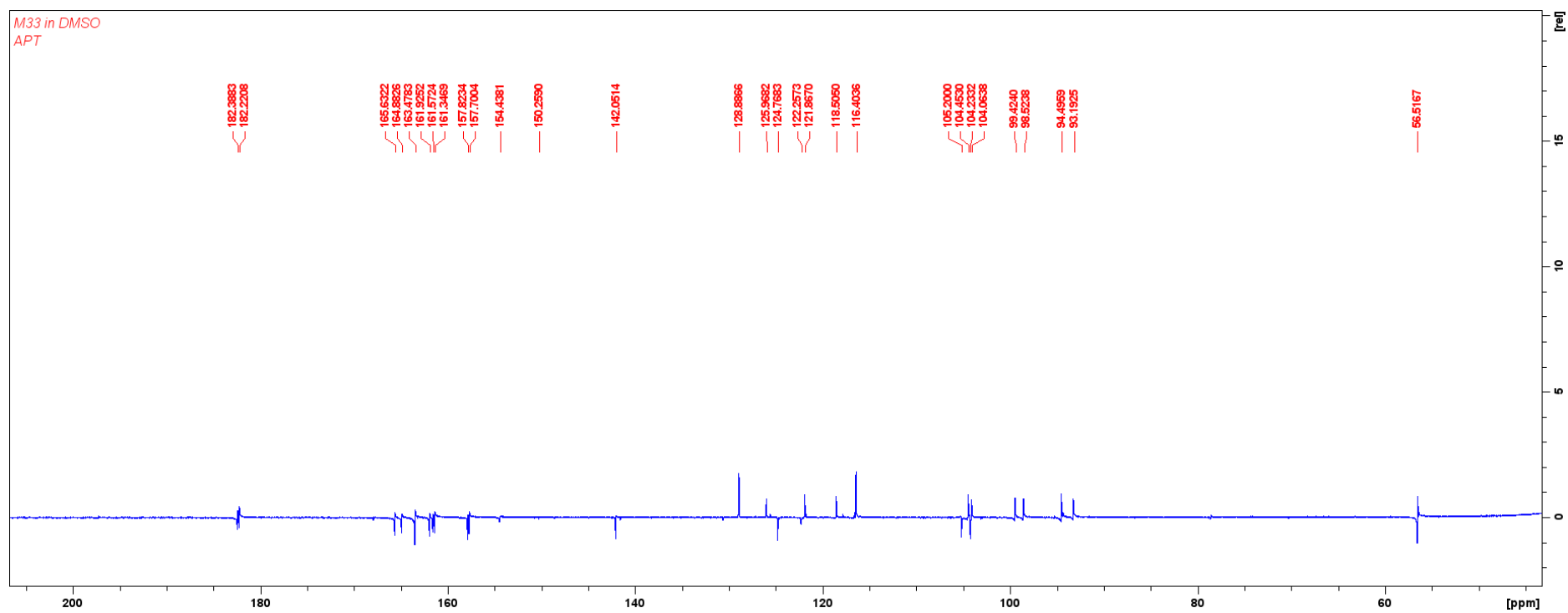


Figure S12. ^{13}C APT spectrum of compound 4

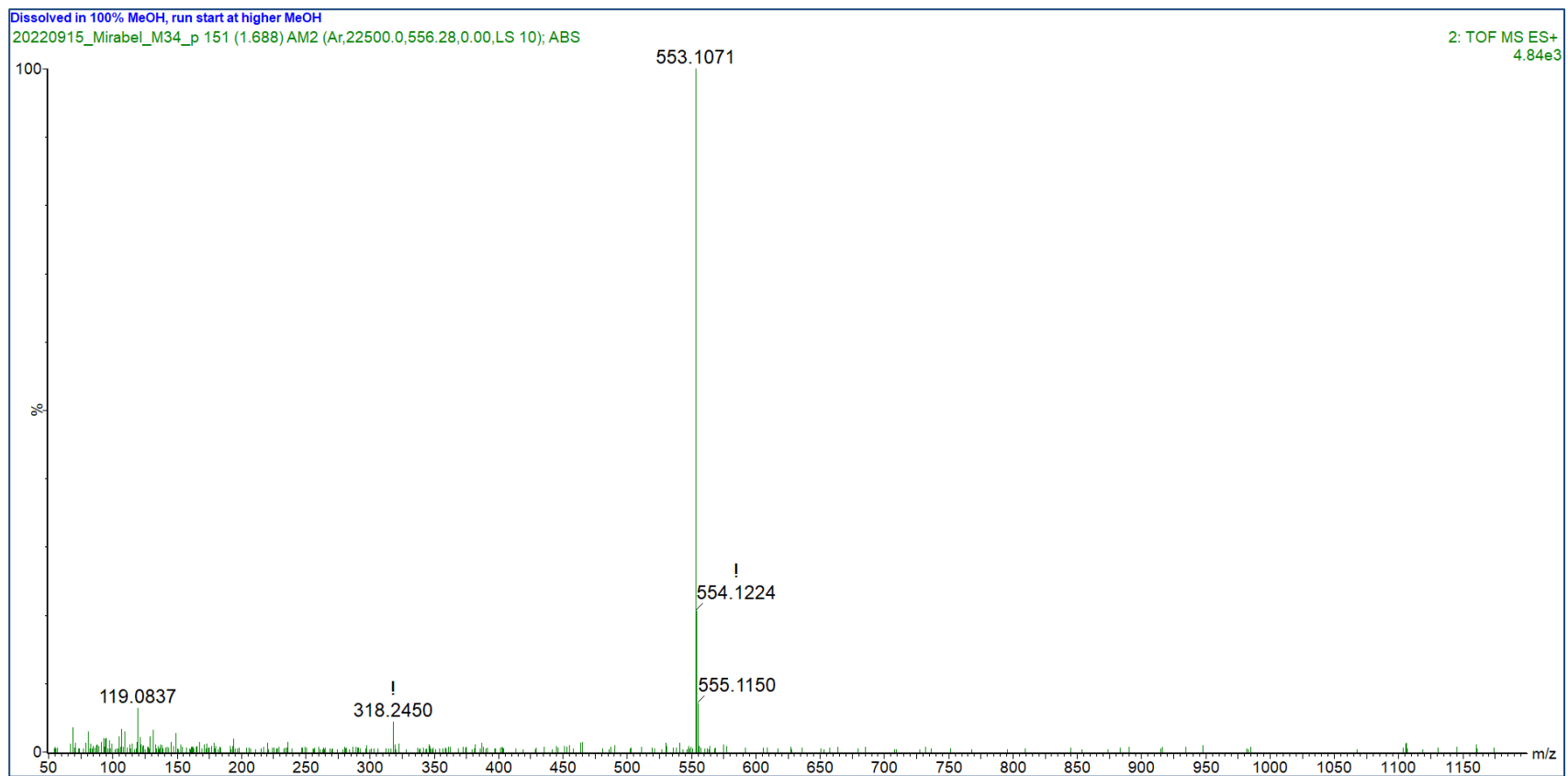


Figure S13. High Resolution Mass Spectrum of compound 4

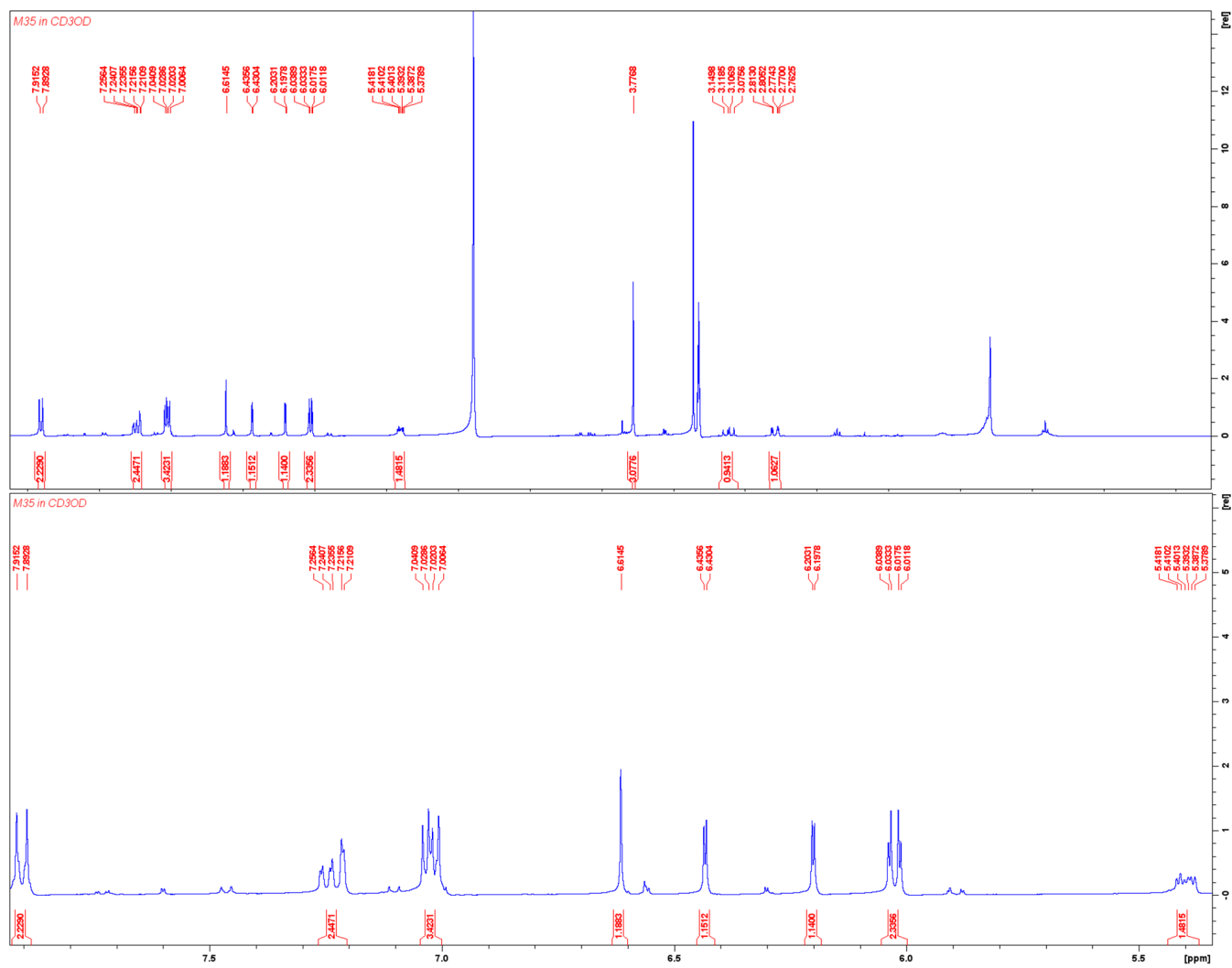


Figure S14. ¹H NMR spectrum of compound 5

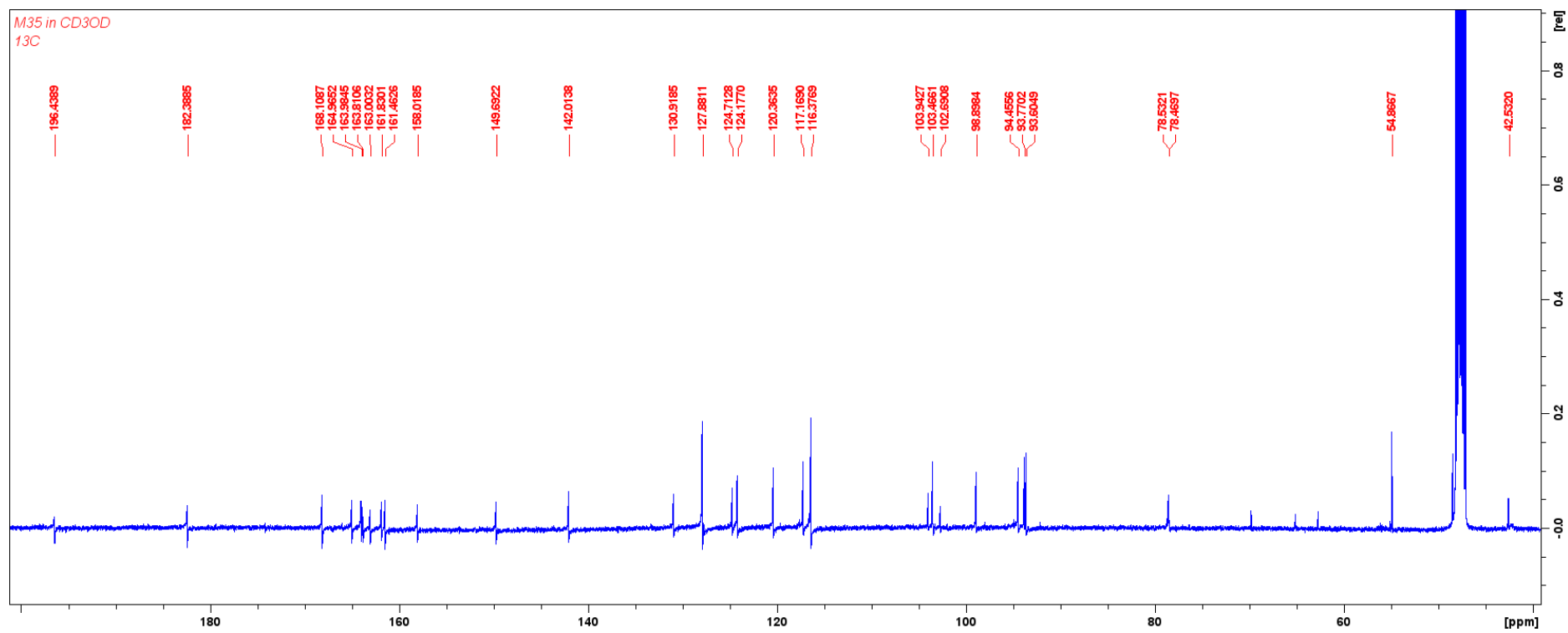


Figure S15. ^{13}C NMR spectrum of compound **5**

Single Mass Analysis
Tolerance = 5.0 mDa / DBE: min = -1.5, max = 50.0
Element prediction: Off
Number of isotope peaks used for i-FIT = 3
Monoisotopic Mass, Even Electron Ions
285 formula(e) evaluated with 5 results within limits (up to 50 closest results for each mass)
Elements Used:

Mass	Calc. Mass	mDa	PPM	DBE	Formula	i-FIT	i-FIT Norm	Fit Conf %	C	H	O	Na
553.1147	553.1135	1.2	2.2	21.5	C31 H21 O10	33.5	0.599	54.93	31	21	10	
	553.1169	-2.2	-4.0	9.5	C22 H26 O15 Na	39.0	6.134	0.22	22	26	15	1
	553.1111	3.6	6.5	18.5	C29 H22 O10 Na	33.7	0.809	44.54	29	22	10	1
	553.1193	-4.6	-8.3	12.5	C24 H25 O15	38.7	5.801	0.30	24	25	15	
	553.1100	4.7	8.5	-0.5	C13 H29 O23	41.8	8.931	0.01	13	29	23	

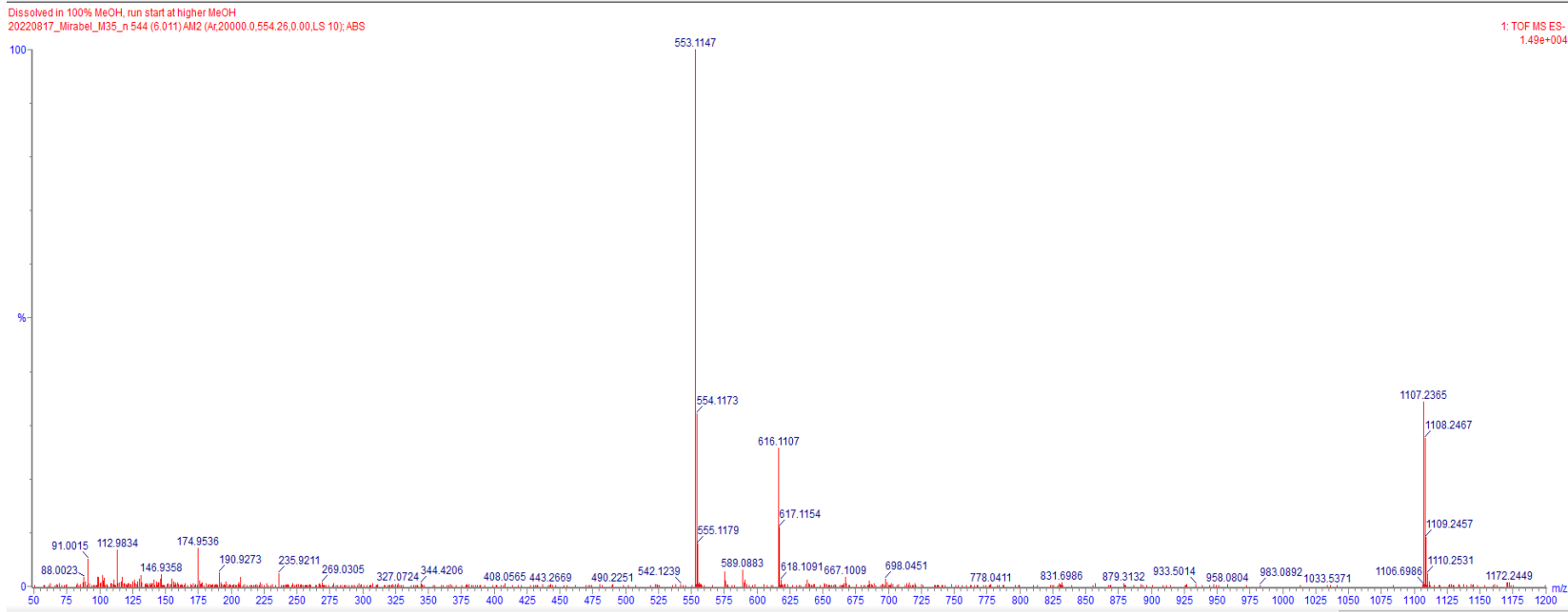


Figure S16. High Resolution Mass Spectrum of compound 5

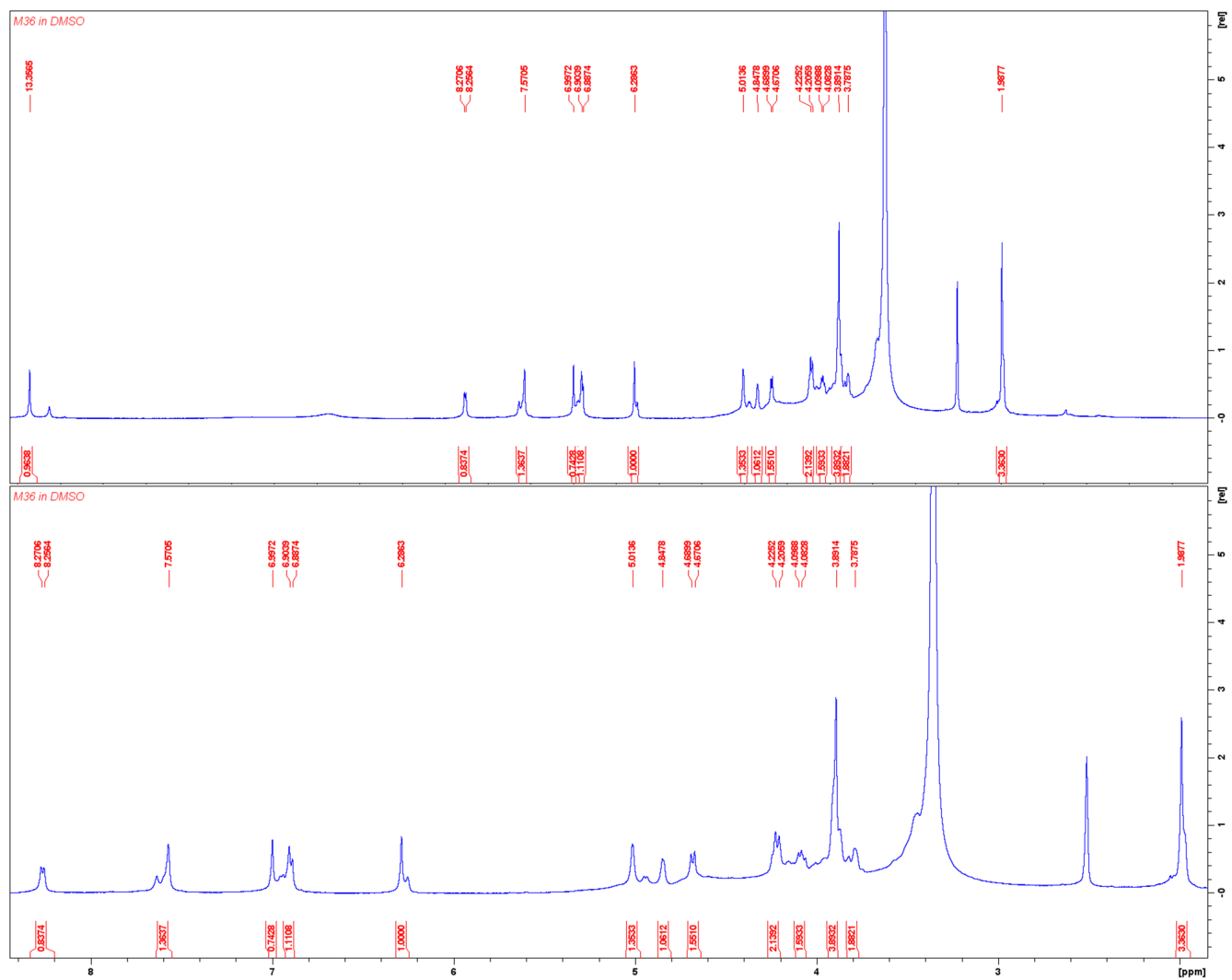


Figure S17. ^1H NMR spectrum of compound 2

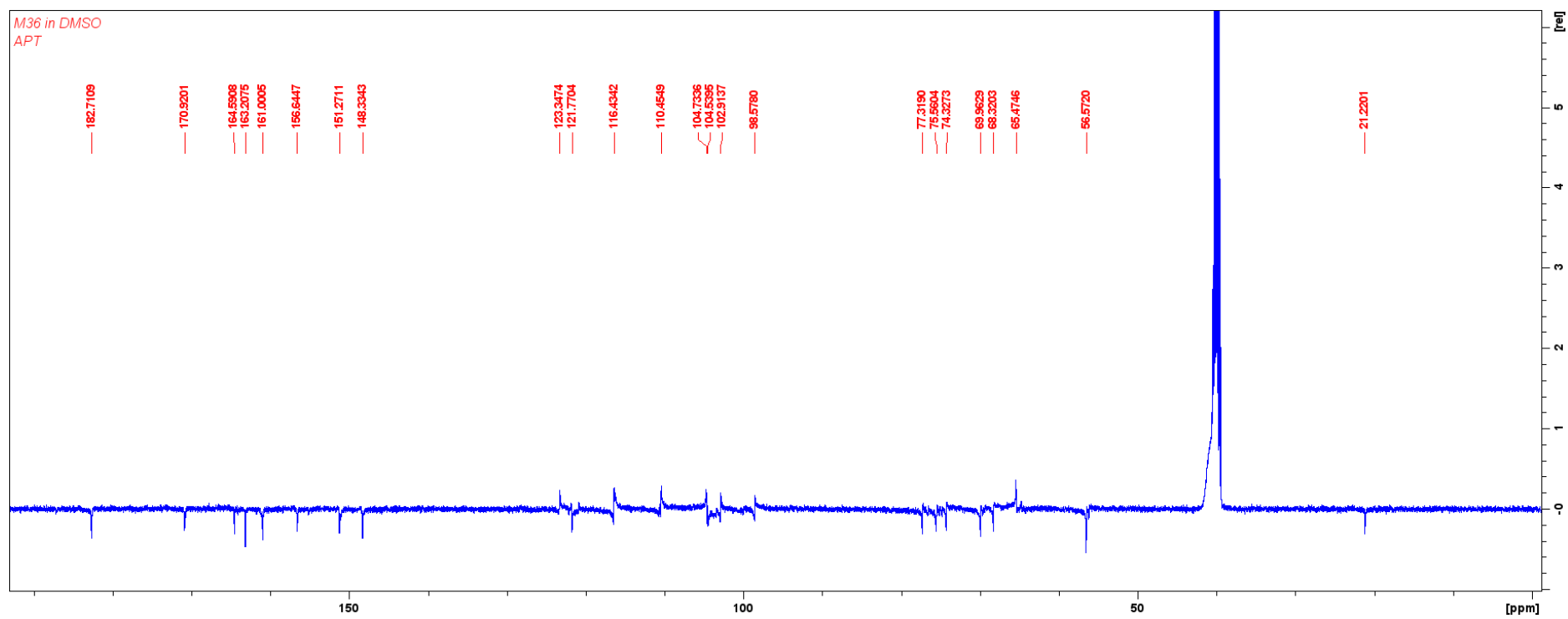


Figure S18. ^{13}C APT spectrum of compound **2**

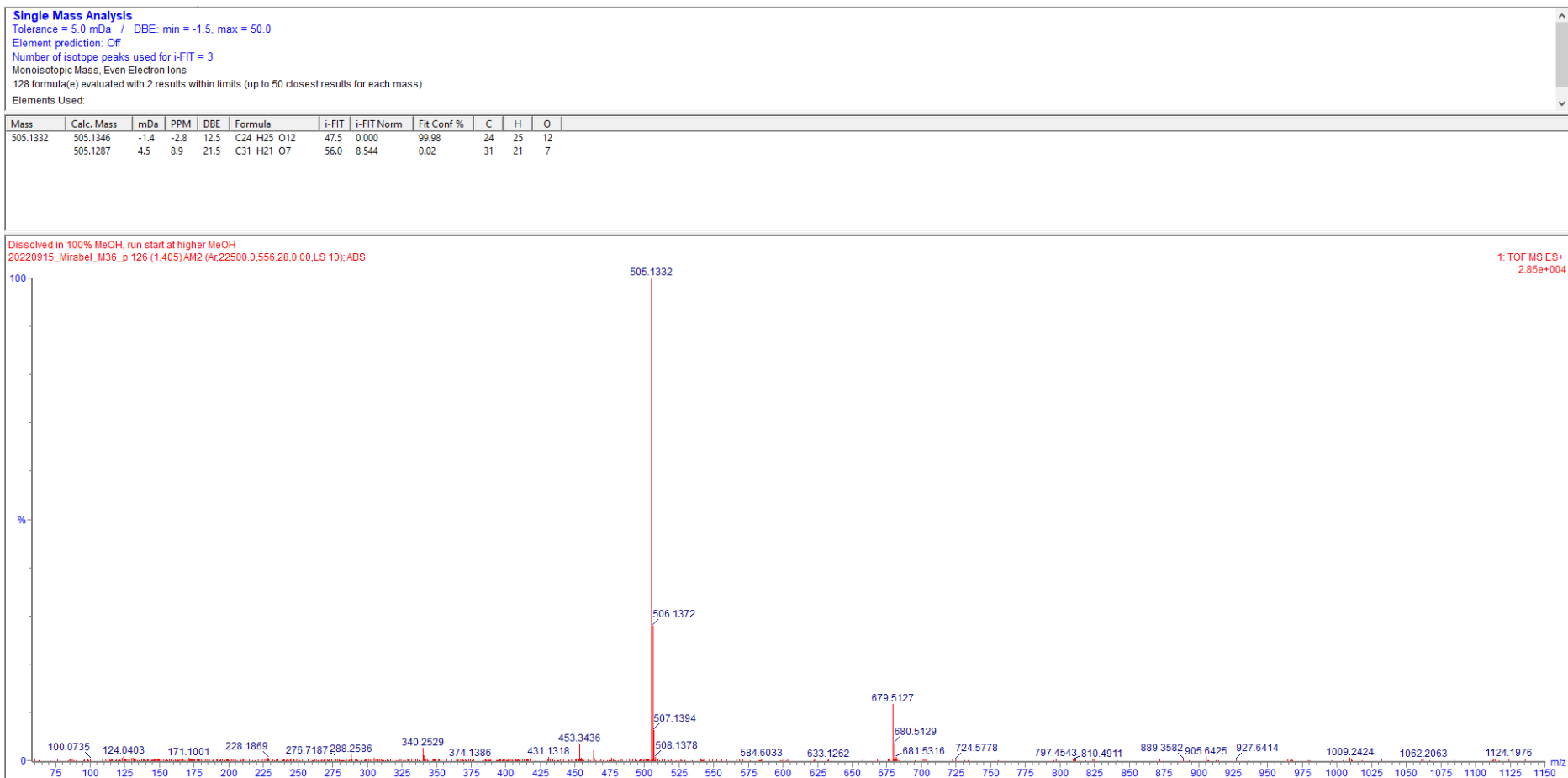


Figure S19. High Resolution Mass Spectrum of compound 2

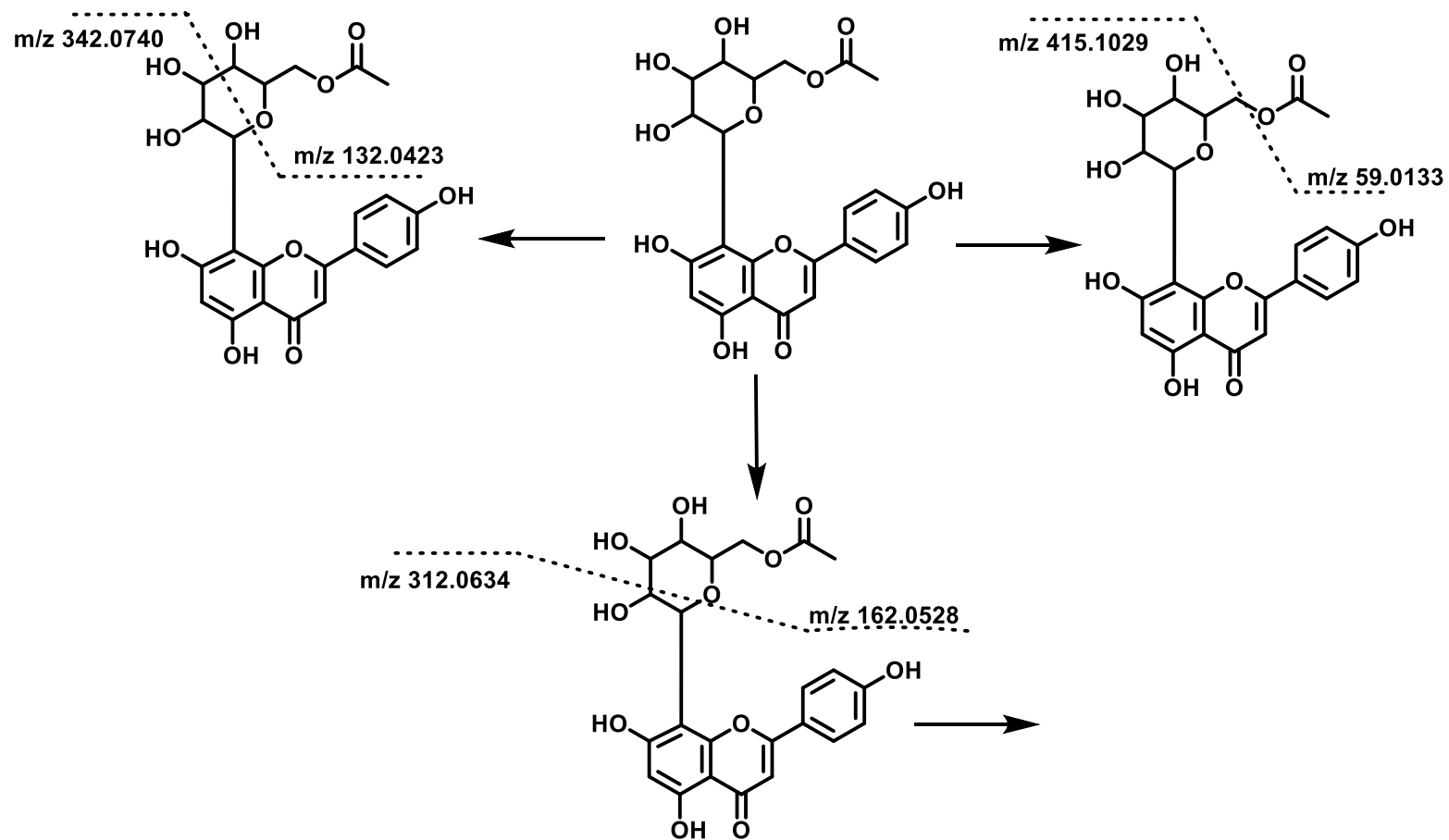


Figure S20. Potential mass fragmentations patterns of compound 1

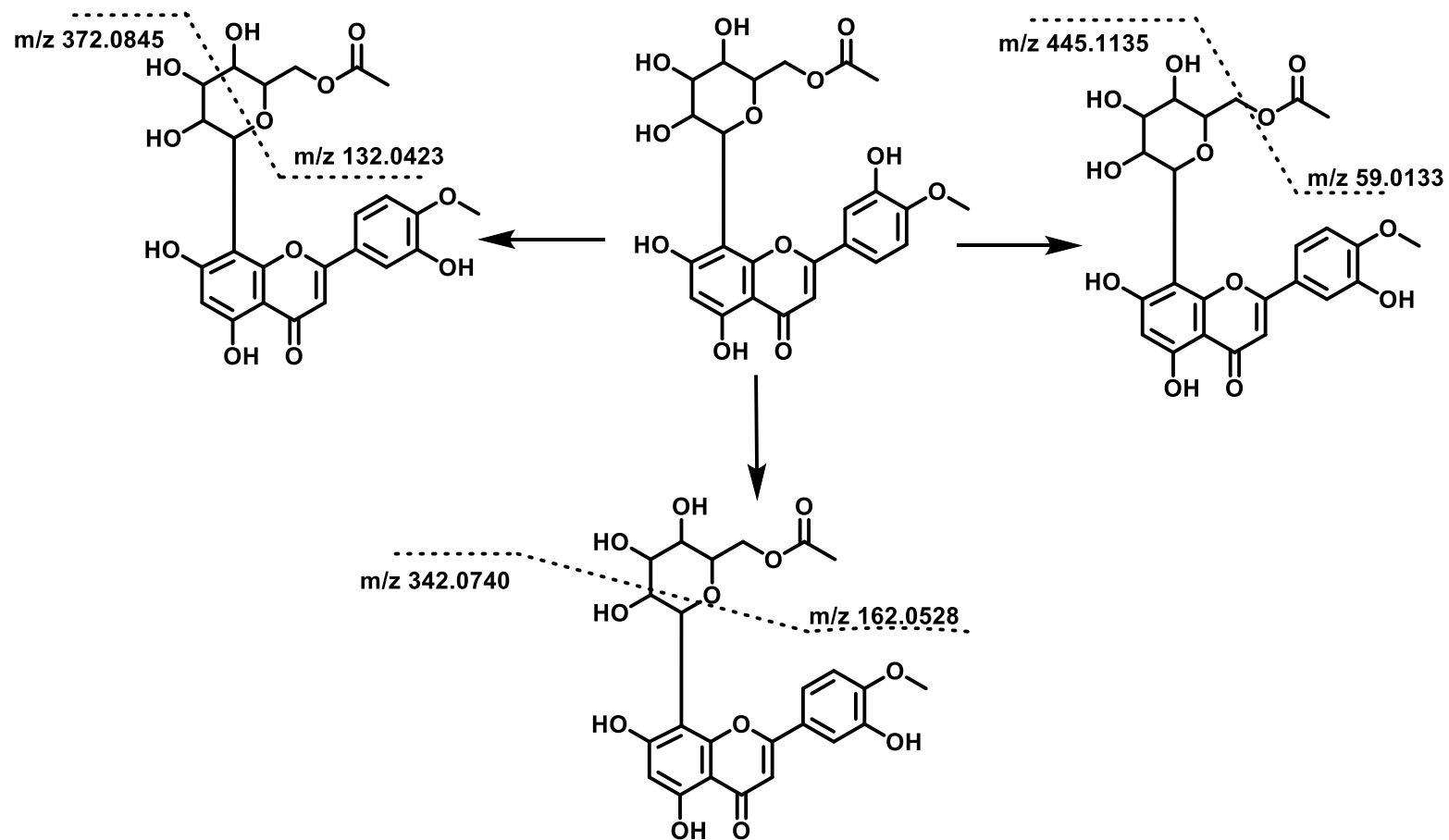


Figure S21. Potential mass fragmentations patterns of compound 2

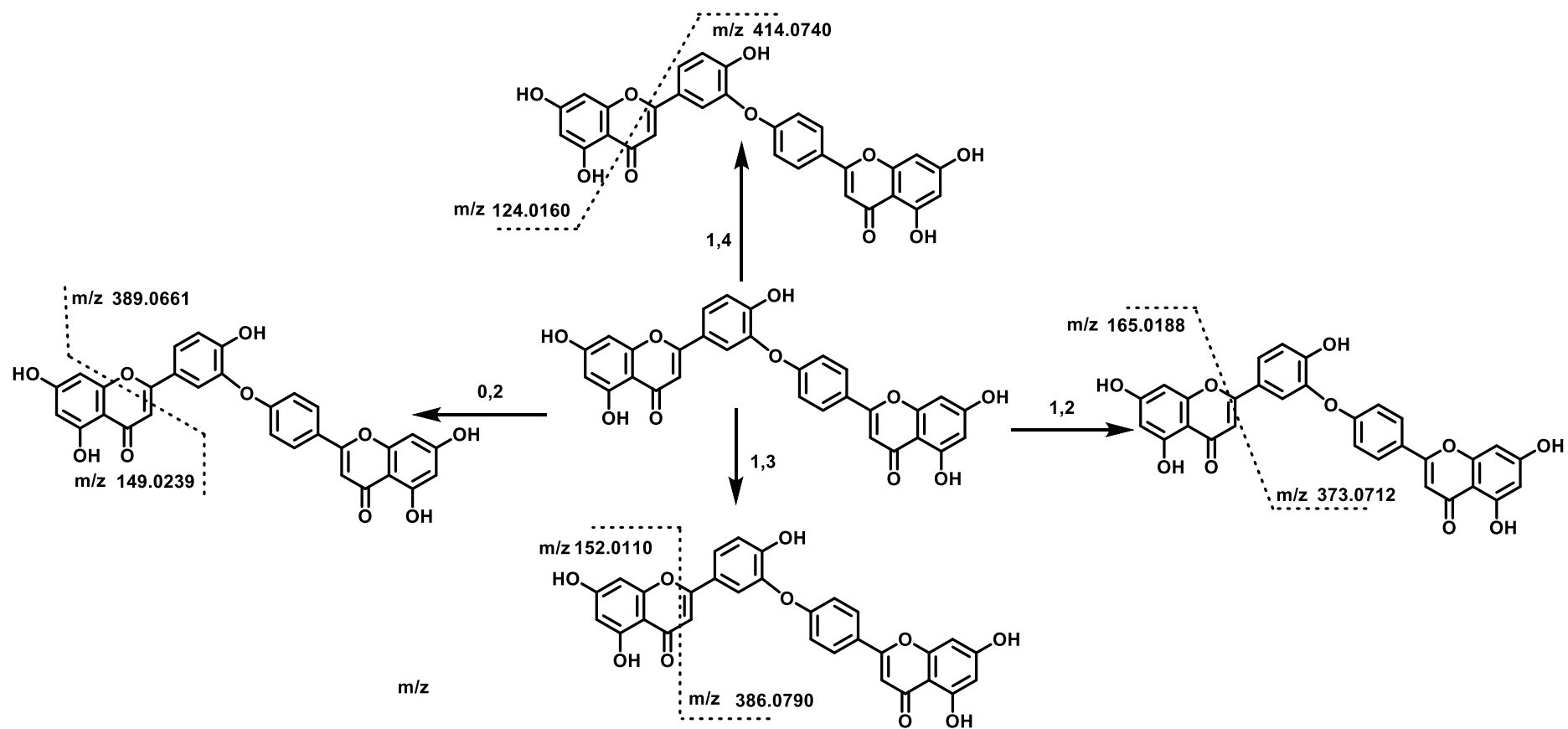


Figure S22. Potential mass fragmentations patterns of compound **3**

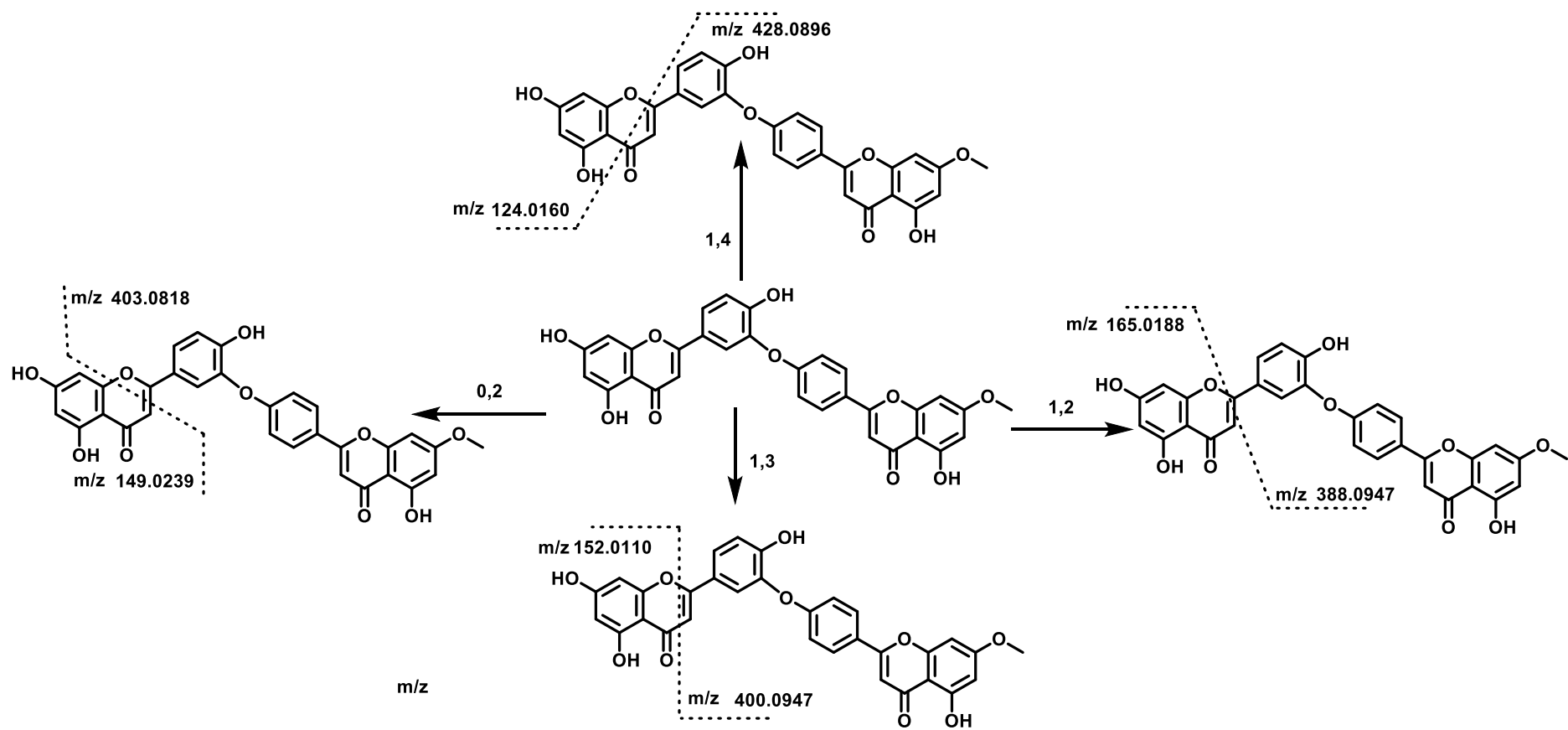


Figure S23. Potential mass fragmentations patterns of compound 4

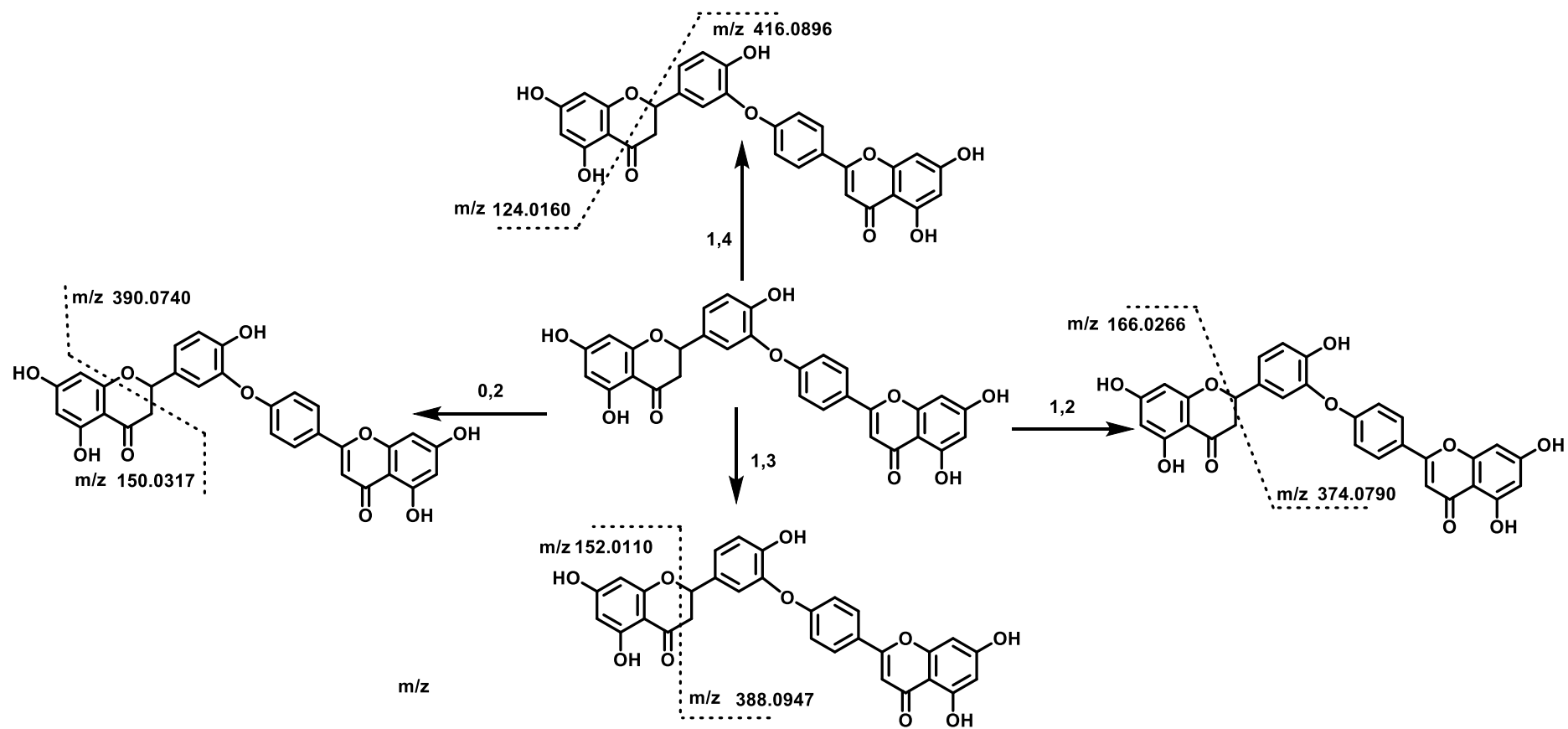


Figure S24. Potential mass fragmentations patterns of compound 5