Supporting Information

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Isolation and Characterization of New Constituents from *Tricholepis eburnea*

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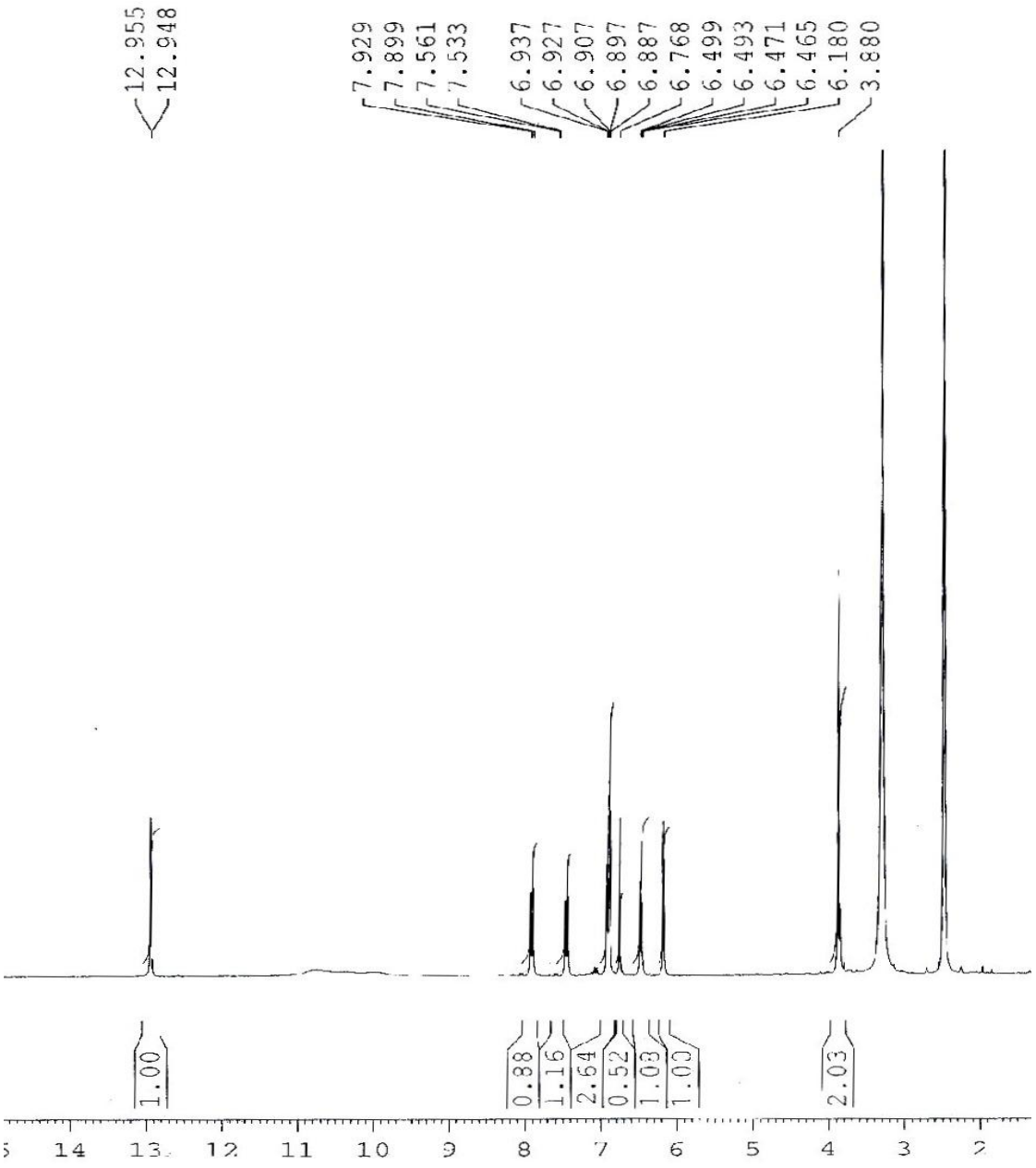
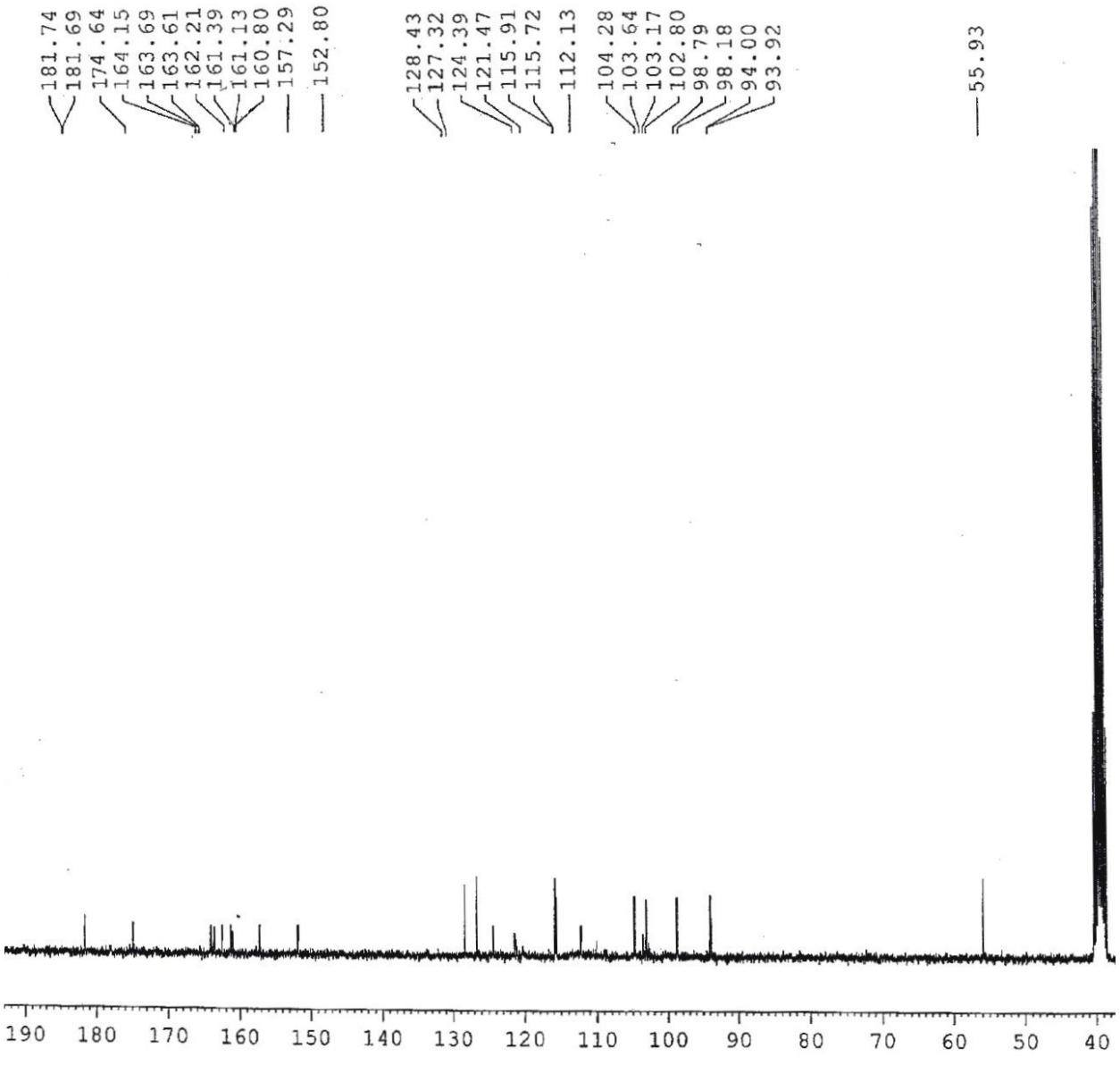


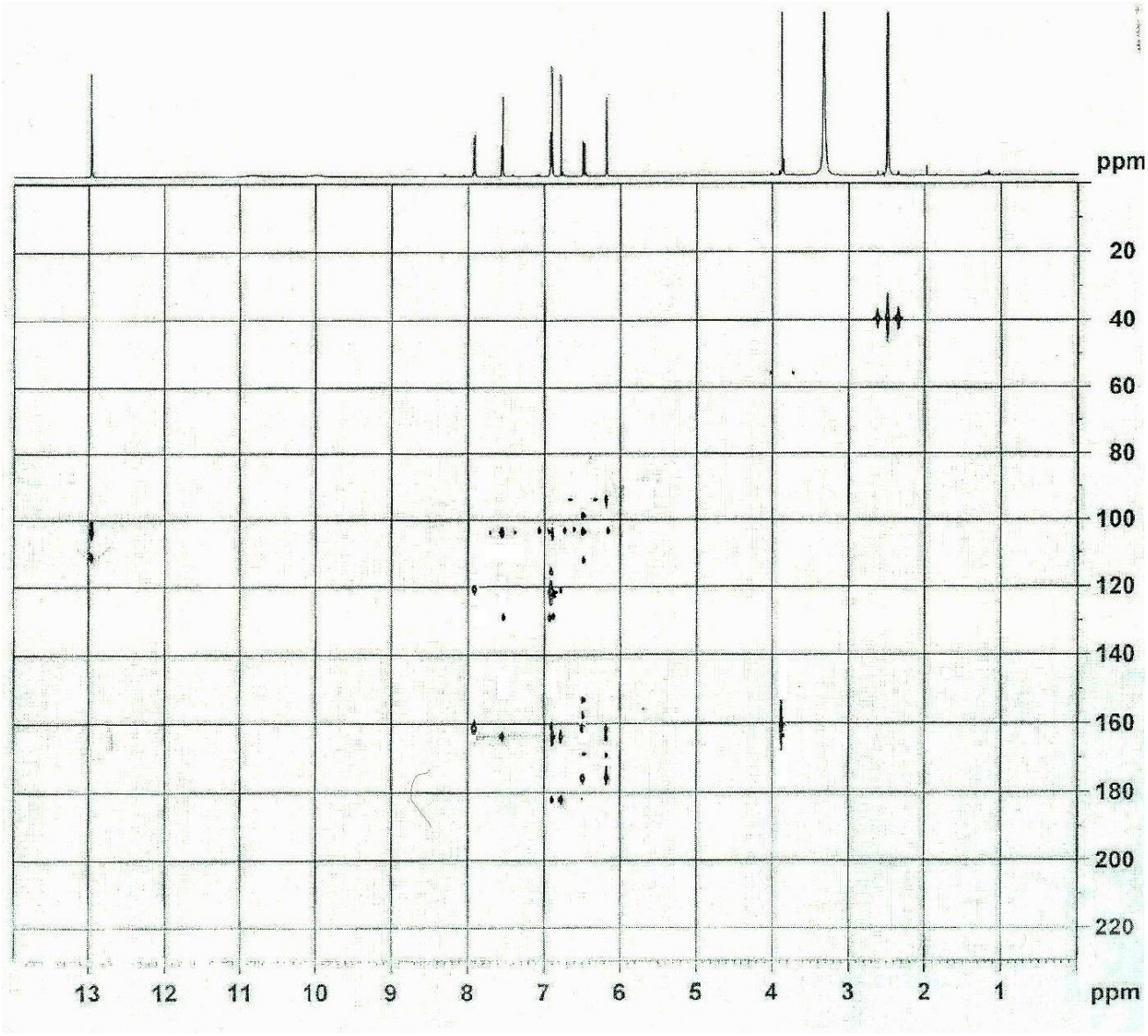
S1: ^{1}H-NMR (300 MHz, DMSO) Spectrum of Compound **1** (trichonoide A)

*Trichonoide A (**1**):* Yellow solid. IR (ν_{max} cm^{-1}): 3389 (OH), 1676 (conjugated carbonyl), 1648 and 1481 cm^{-1} (aromatic moiety). UV (λ_{max} nm) 268 and 338 nm. ^{1}H-NMR (DMSO, 300 MHz), δ: 6.76 (1H, s, H-3), 6.18 (1H, d, overlapped, H-6), 6.46 (1H, d, J = 1.8, H-8), 7.92 (2H, d, J = 9, H-2′, -6′), 6.93 (2H, d, overlapped, H-3′, -5′), 6.88 (1H, s, H-3″), 6.18 (1H, d, overlapped, H-6″), 6.49 (1H, d, J = 1.8, H-8″), 7.56 (2H, d, J = 8.4, H-2‴, -6‴), 6.90 (2H, d, overlapped, H-3‴, -5‴), 3.95 (s, OCH_3 (4‴). ^{13}H-NMR ($CDCl_3$, 75 MHz), δ: 163.7 (C-2), 103.1 (C-3), 181.7 (C-4), 103.6 (C-4a), 162.2 (C-5), 98.1 (C-6), 164.1 (C-7), 94.0 (C-8), 157.2 (C-8a), 121.1 (C-1′), 128.4 (C-2′, -6′), 115.7 (C-3′, -5′), 161.1 (C-4′), 163.6 (C-2″), 104.2 (C-3″), 181.6 (C-4″), 112.1 (C-4a″), 160.8 (C-5″), 98.7 (C-6″), 174.6 (C-7″),

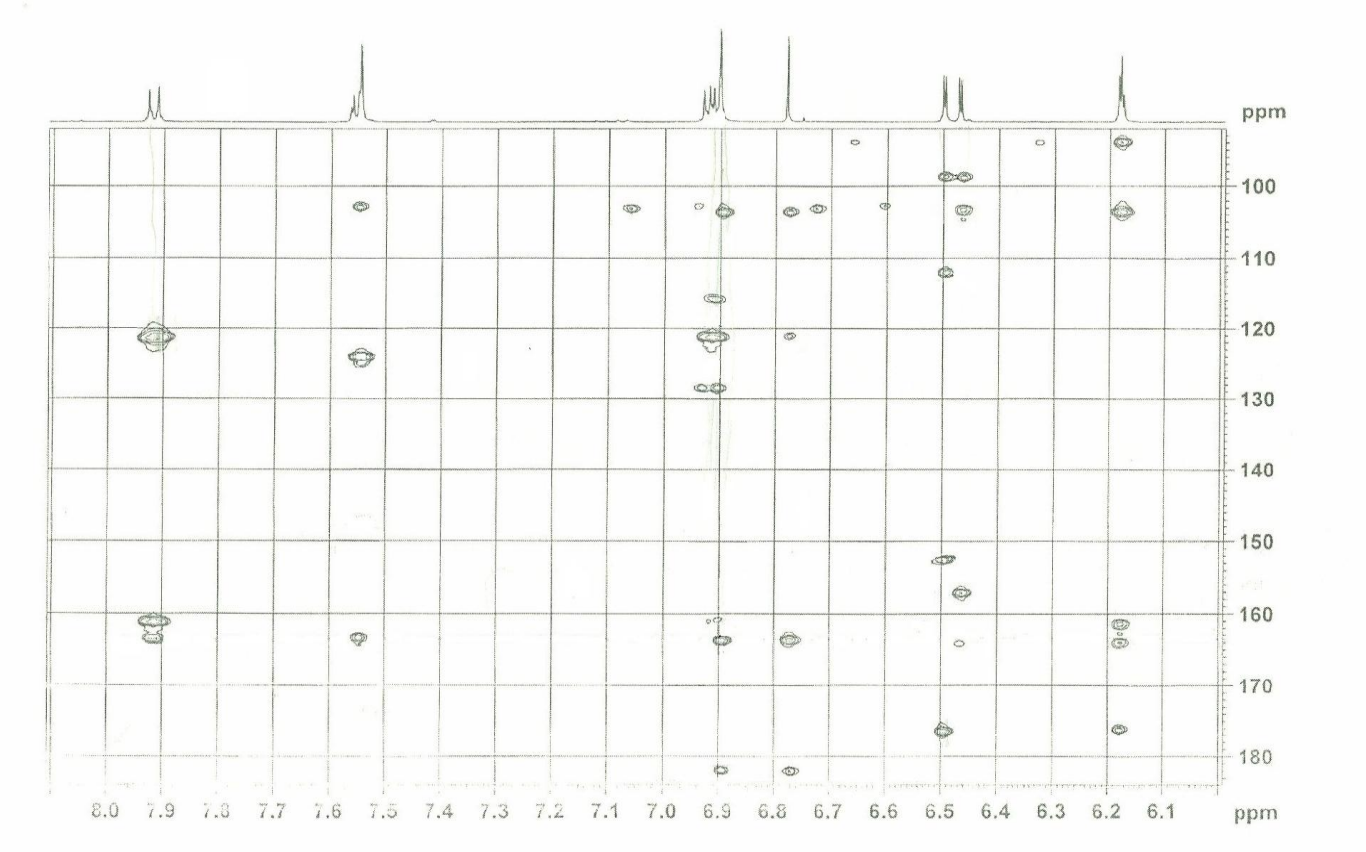
93.9 (C-8″), 152.8 (C-8a″), 124.4 (C-1‴), 127.3 (C-2‴, -6‴), 115.9 (C-3‴,-5‴), 161.3 (C-4‴), 55.9 (OCH_3(C-4‴)). HR-ESI-MS: *m/z* = 537.1180 $[M+H]^+$ for formula $C_{31}H_{21}O_9$.



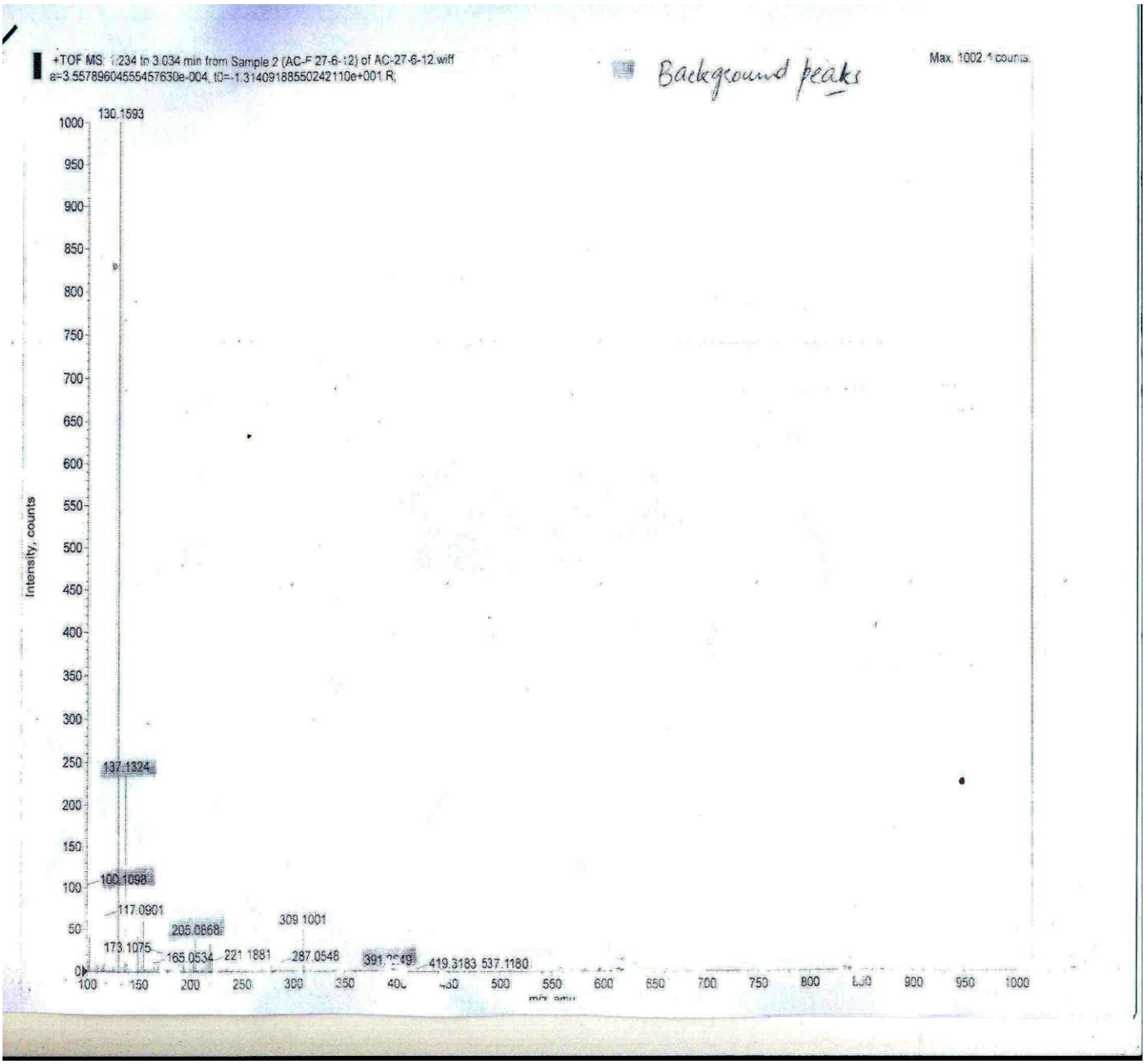
S2: ^{13}C-NMR (75 MHz, $CDCl_3$) Spectrum of Compound **1** (trichonoide A)



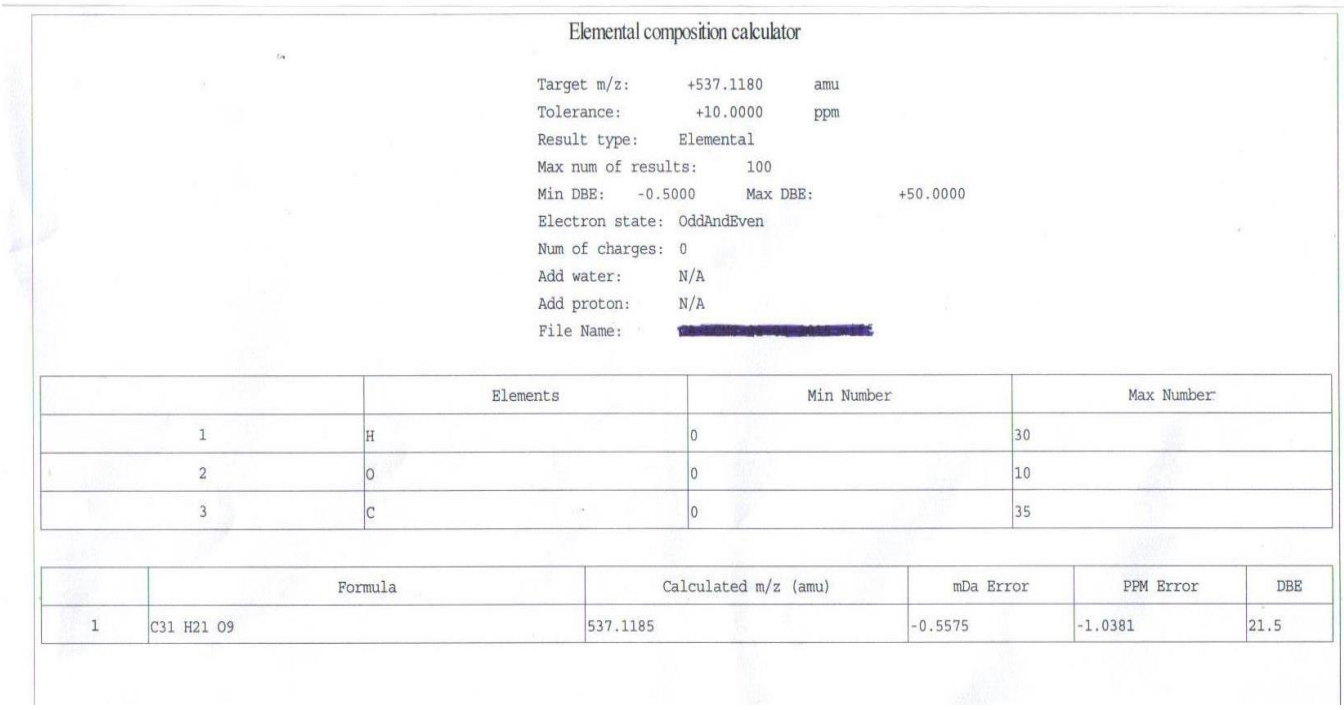
S3: HMBC Spectrum of Compound **1** (trichonoide A)



S4: Extended-HMBC Spectrum of Compound **1** (trichonoide A)



S5: HRESIMS Spectrum of Compound **1** (trichonoide A)



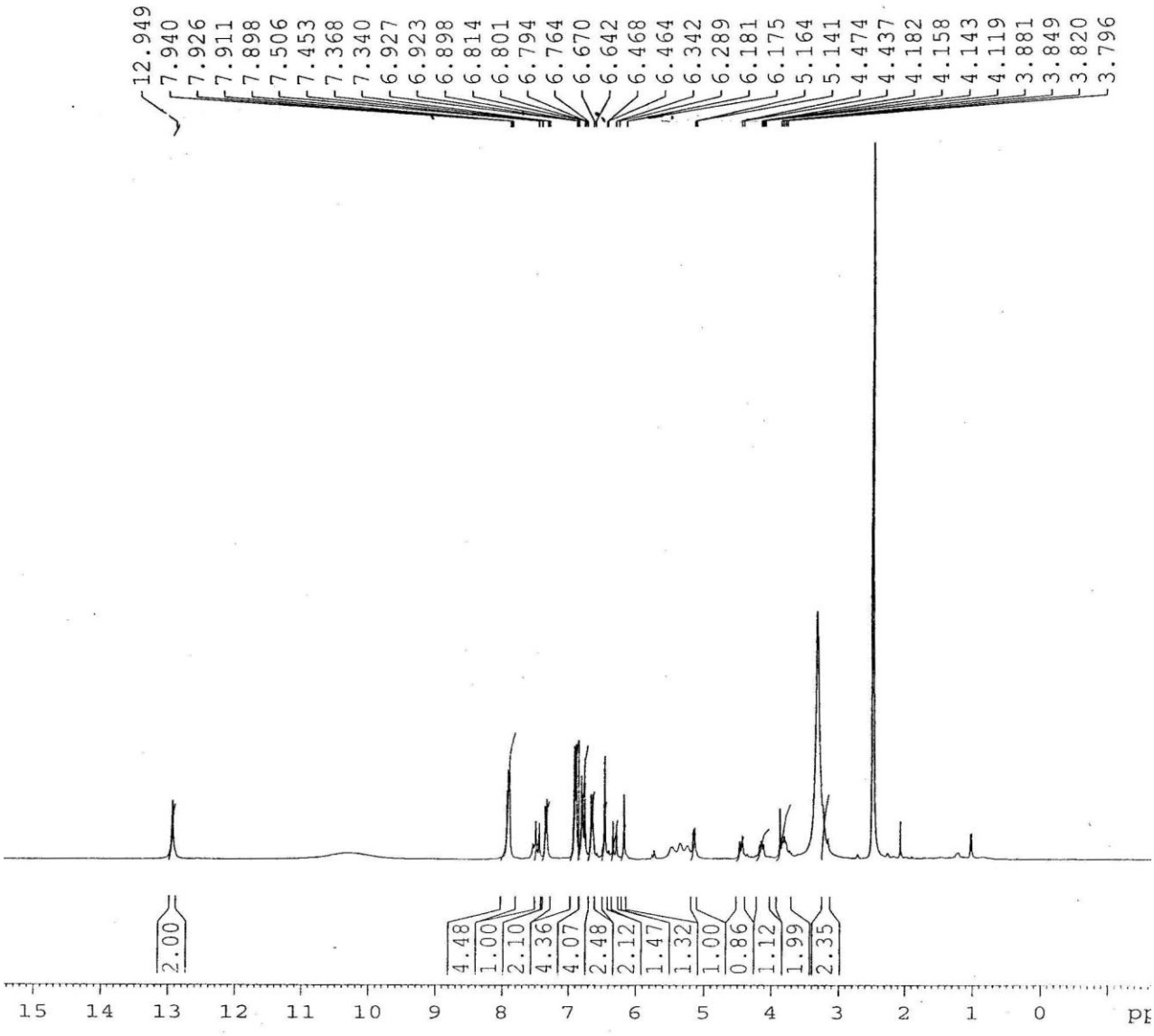
Elemental composition calculator

Target m/z: +537.1180 amu
Tolerance: +10.0000 ppm
Result type: Elemental
Max num of results: 100
Min DBE: -0.5000 Max DBE: +50.0000
Electron state: OddAndEven
Num of charges: 0
Add water: N/A
Add proton: N/A
File Name: [redacted]

	Elements	Min Number	Max Number
1	H	0	30
2	O	0	10
3	C	0	35

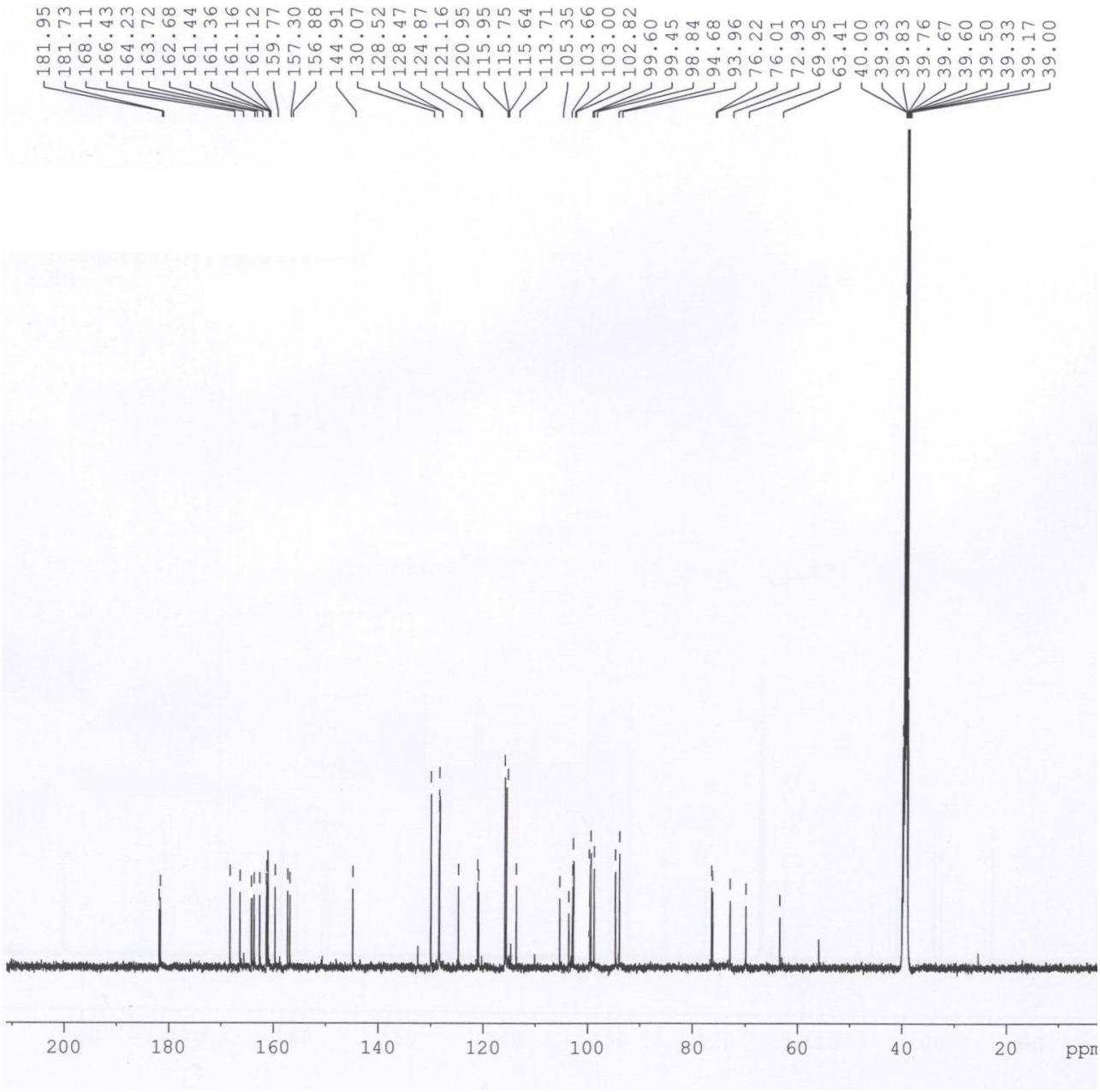
	Formula	Calculated m/z (amu)	mDa Error	PPM Error	DBE
1	C31 H21 O9	537.1185	-0.5575	-1.0381	21.5

S5: HRESIMS Spectrum of Compound **1** (trichonoide A)

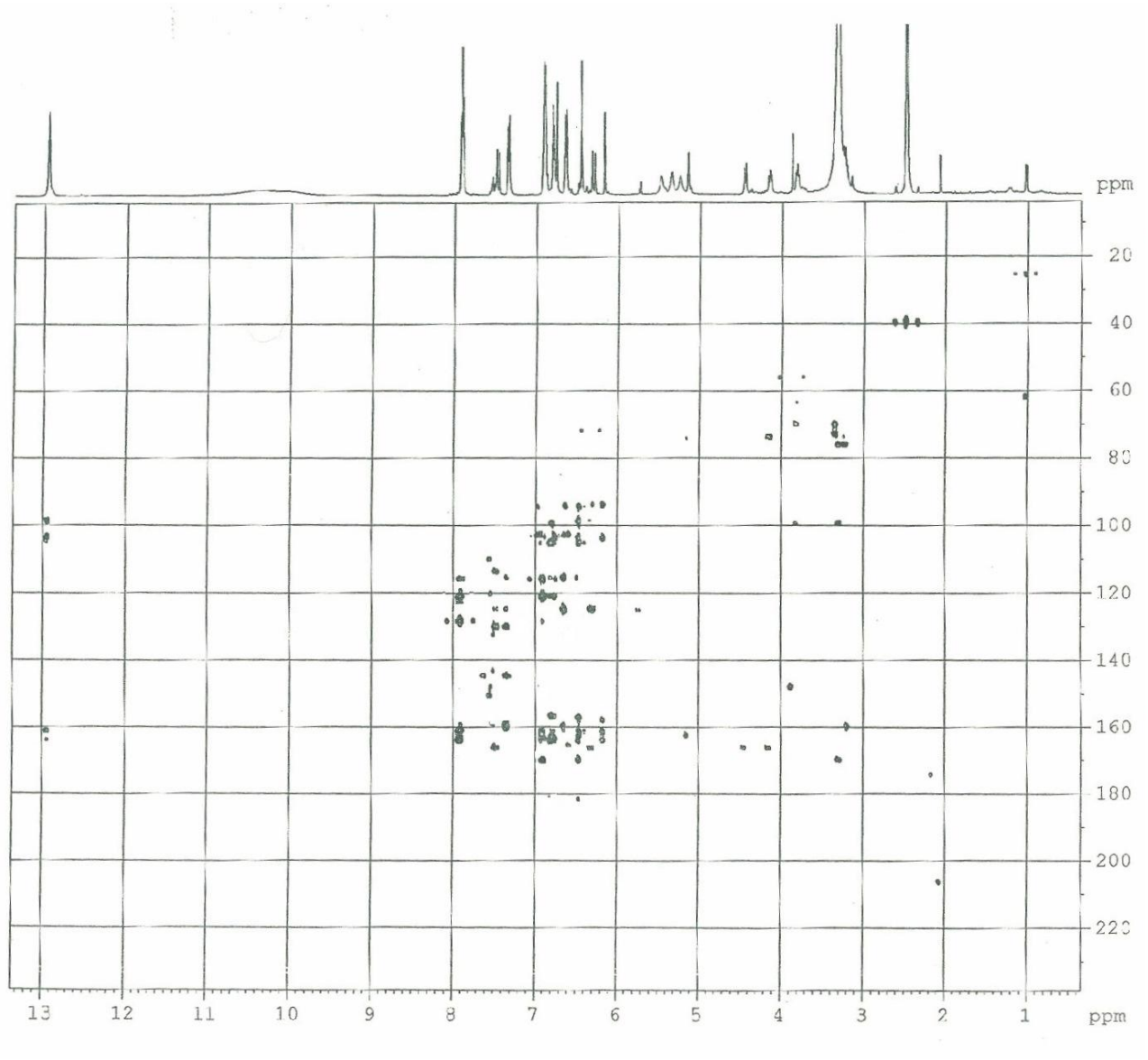


S6: ^{1}H-NMR (300 MHz, DMSO) Spectrum of Compound **2** (trichonoide B)

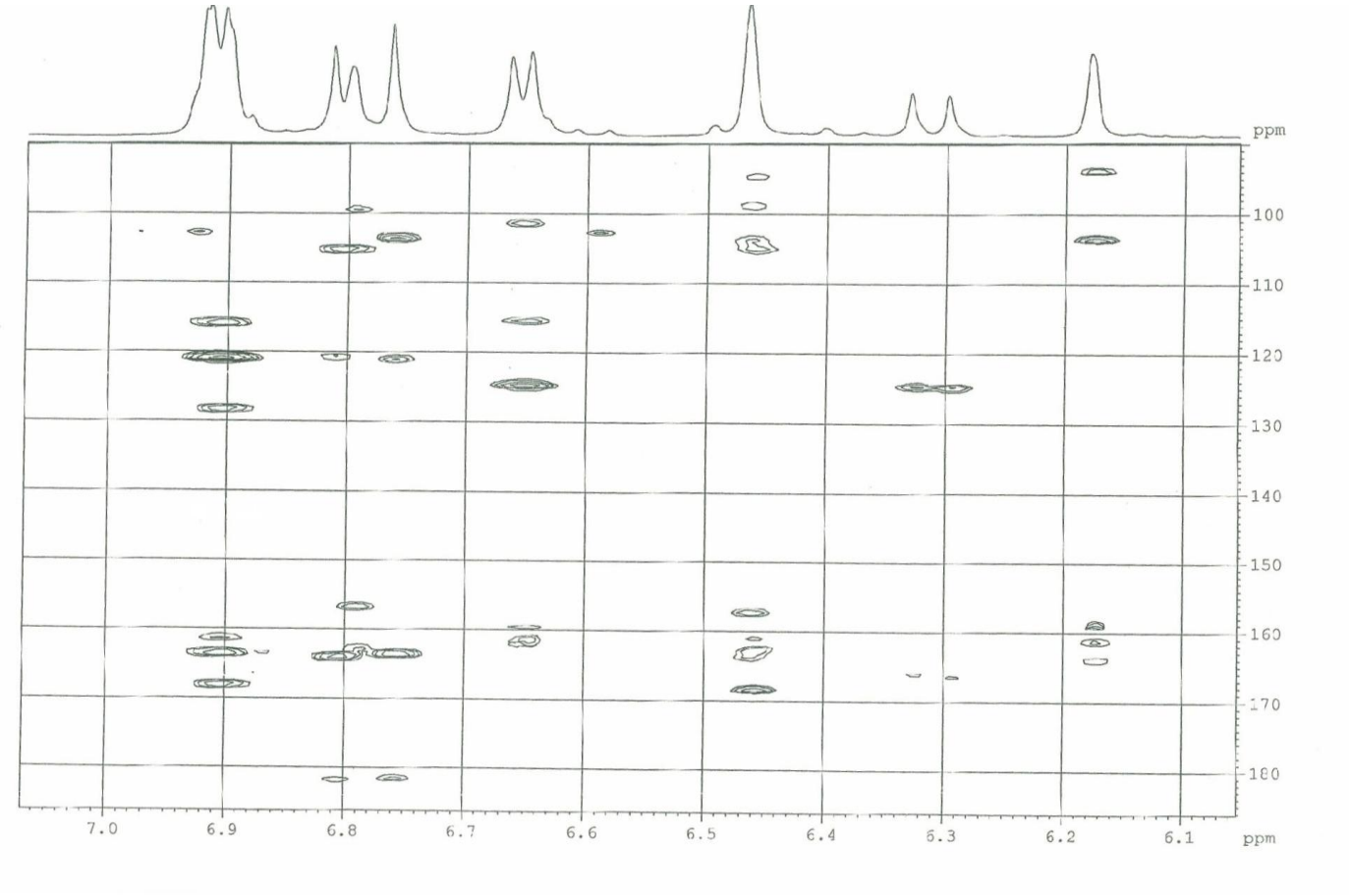
Trichonoide (2): Yellow solid. IR (ν_{max} cm^{-1}): 3385 (OH), 1755 (ester moiety), 1678 (conjugated carbonyl), 1642 and 1485 cm^{-1} (aromatic moiety). UV (λ_{max} nm) 269 and 345 nm. ^{1}H-NMR (DMSO, 300 MHz), δ: 6.81 (1H, s, H-3), 6.18 (1H, d, J = 1.8, H-6), 6.46 (1H, d, overlapped, H-8), 7.94, (2H, d, overlapped, H-2′, -6′), 6.92 (2H, d, overlapped, H-3′, -5′), 5.16 (1H, d, J = 7.3, H-1″), 3.20 (1H, m, H-2″), 3.53 (1H, m, H-3″), 3.15 (1H, m, 4″), 3.87 (1H, m, H-5″), 4.18 (1H$_a$, m, H-6″), 4.463 (1H$_b$, m, 6″), 6.67 (2H, d, J = 8.4, H-2‴, -6‴), 7.36 (2H, d, J = 8.4, H-3‴, -5‴), 7.50 (1H, d, J = 15.9 H-7‴), 6.34 (1H, d, J = 15.9, H-8‴), 6.76 (1H, s, H-3⁗), 6.47 (1H, d, overlapped, H-6⁗), 6.90 (1H, d, J = 2.1, H-8⁗), 7.92, (2H, d, overlapped, H-2⁗′, -6⁗′), 6.89 (2H, d, overlapped, H-3⁗′, -5⁗′). ^{13}C-NMR (DMSO, 150 MHz), δ: 161.4 (C-2), 103.0 (C-3), 181.9 (C-4), 105.3 (C-4a), 159.7 (C-5), 98.8 (C-6), 164.2 (C-7), 93.9 (C-8), 157.3 (C-8a), 121.2 (C-1′), 128.5 (C-2′, -6′), 115.8 (C-3′, -5′), 162.6 (C-4′), 99.6 (C-1″), 76.0 (C-2″), 72.9 (C-3″), 69.9 (C-4″), 76.2 (C-5″), 63.4 (C-6″), 161.1 (C-1‴), 130.0 (C-2‴, -6‴), 115.8 (C-3‴, -5‴), 124.8 (C-4‴), 144.9 (C-7‴), 113.7 (C-8‴), 166.4 (C-9‴), 163.7 (C-2⁗′), 102.8 (C-3⁗′), 181.7 (C-4⁗′), 103.6 (C-4a⁗′), 161.2 (C-5⁗′), 99.4 (C-6⁗′), 168.1 (C-7⁗′), 94.6 (C-8⁗′), 156.9 (C-8a⁗′), 120.9 (C-1⁗′), 128.5 (C-2⁗′, -6⁗′), 115.7 (C-3⁗′, 5⁗′), 161.3 (C-4⁗′). HR-ESI-MS: *m/z* = 831.1920 [M+H]$^{+}$ for formula $C_{45}H_{35}O_{16}$.



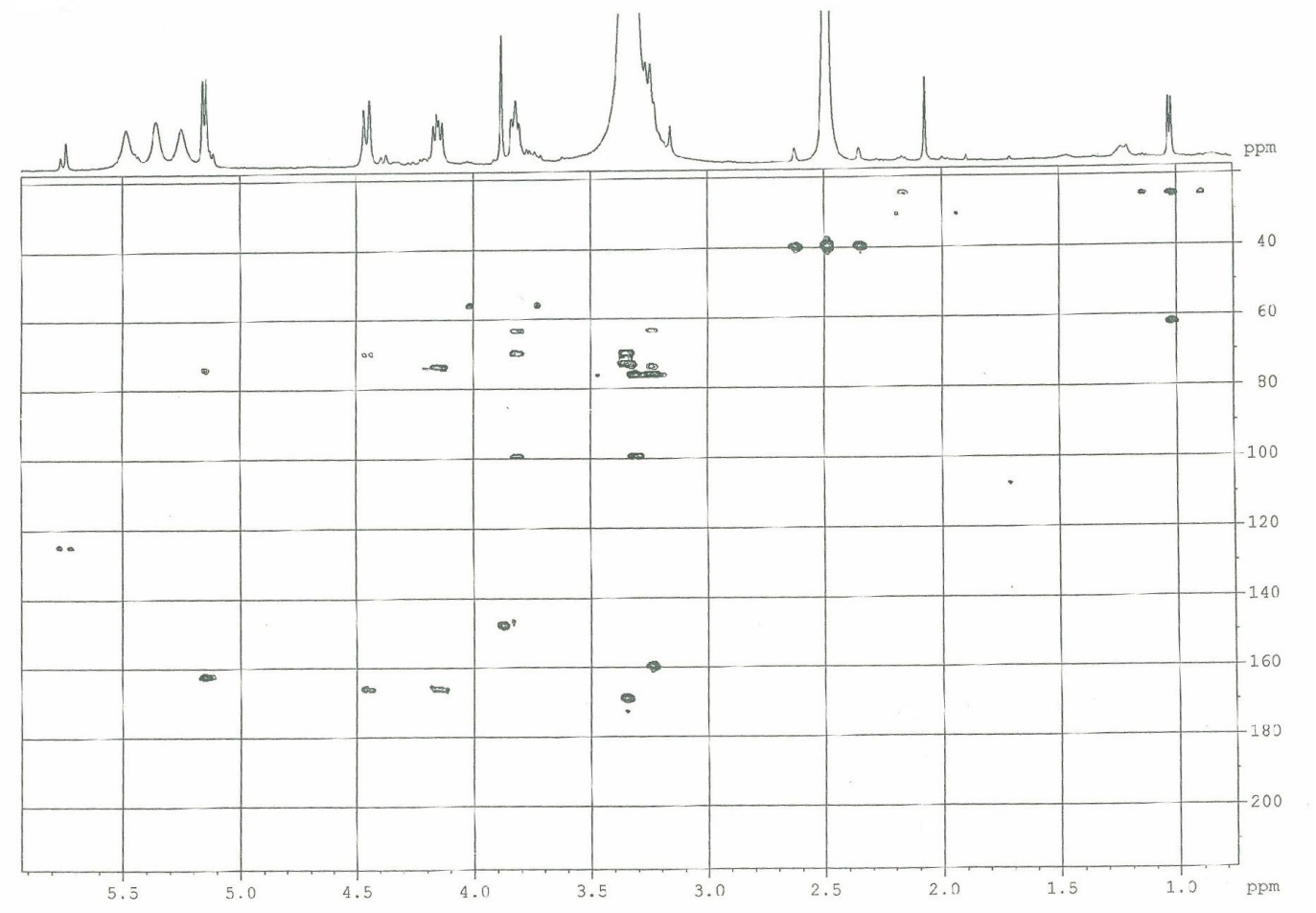
S7: ^{13}CNMR (125 MHz, DMSO) Spectrum of Compound **2** (trichonoide B)



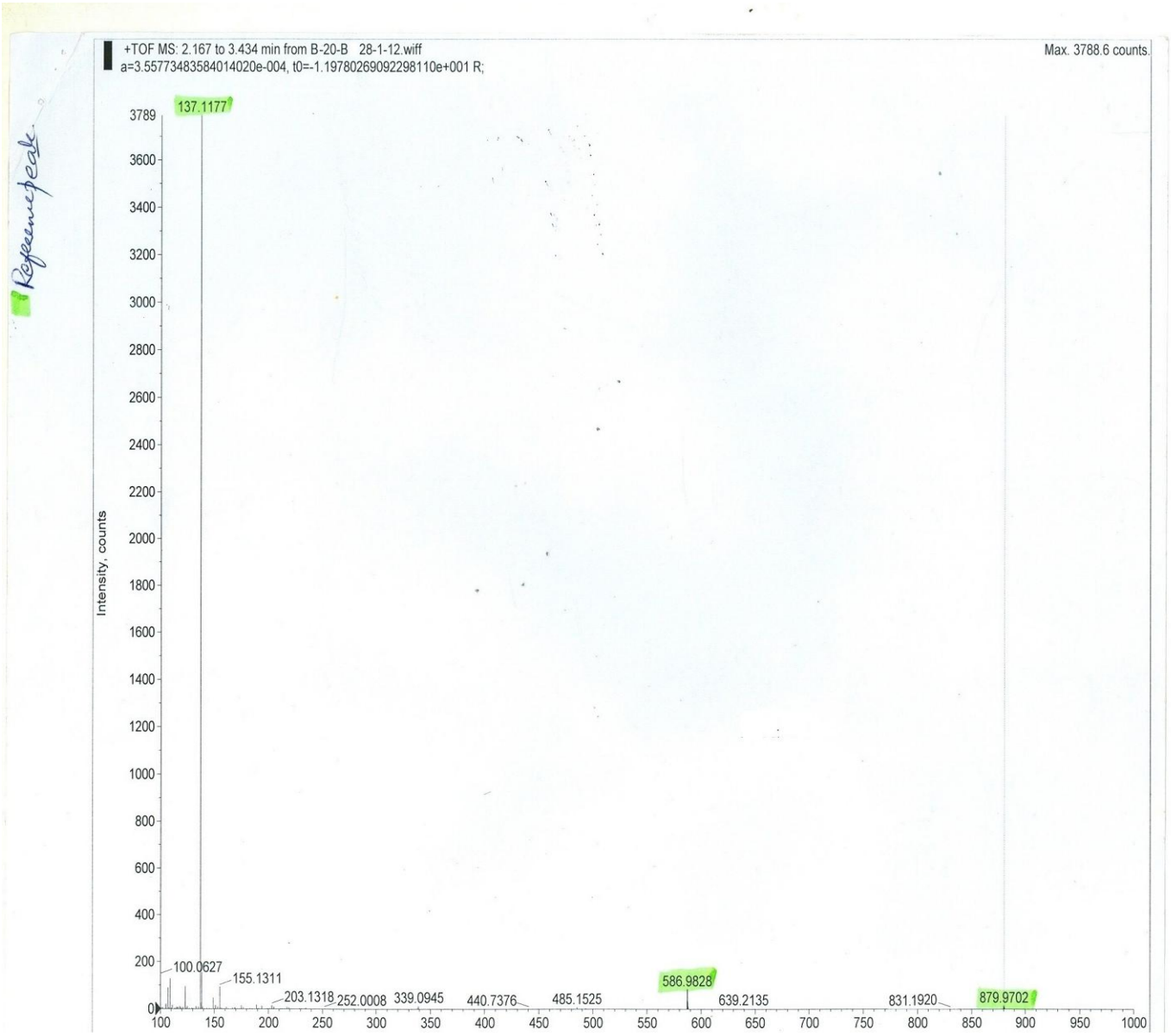
S8: HMBC Spectrum of Compound **2** (trichonoide B)



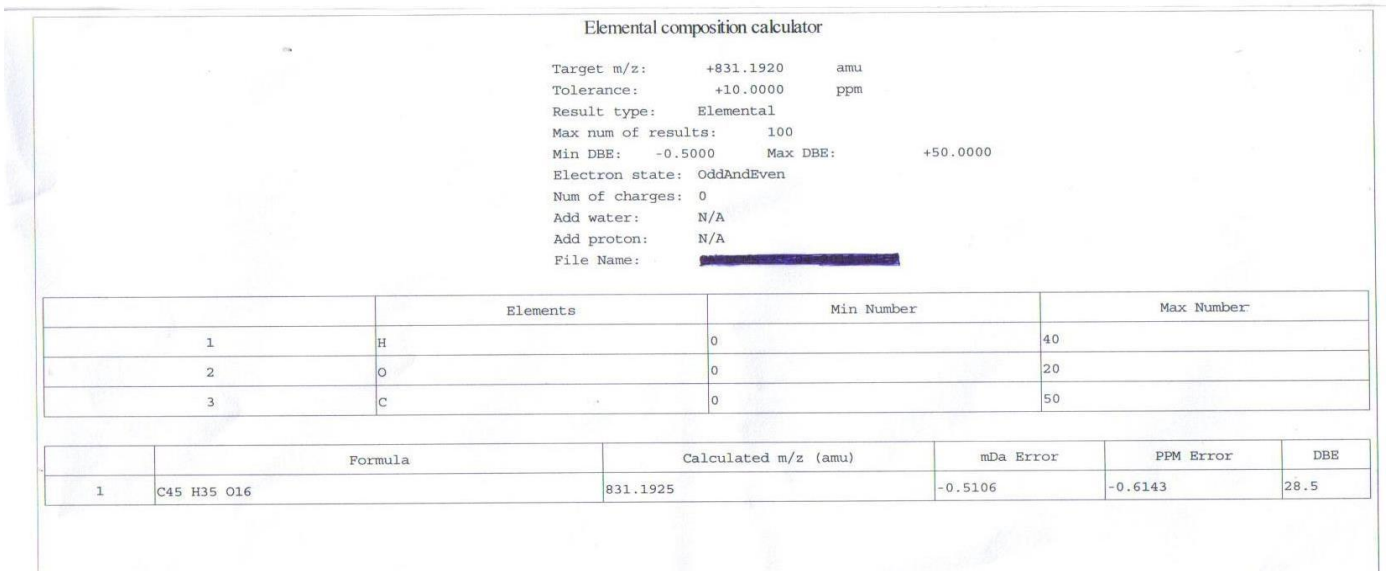
S9: Extended-HMBC Spectrum of Compound **2** (trichonoide B)



S9: Extended-HMBC Spectrum of Compound **2** (trichonoide B)



S10: HRESIMS Spectrum of Compound **2** (trichonoide B)



Elemental composition calculator

Target m/z: +831.1920 amu
Tolerance: +10.0000 ppm
Result type: Elemental
Max num of results: 100
Min DBE: -0.5000 Max DBE: +50.0000
Electron state: OddAndEven
Num of charges: 0
Add water: N/A
Add proton: N/A
File Name: [redacted]

	Elements	Min Number	Max Number
1	H	0	40
2	O	0	20
3	C	0	50

	Formula	Calculated m/z (amu)	mDa Error	PPM Error	DBE
1	C45 H35 O16	831.1925	-0.5106	-0.6143	28.5

S10: HRESIMS Spectrum of Compound **2** (trichonoide B)