Supporting Information

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A New Megastigmane Glycoside and Other Constituents from *Amomum muricarpum* Elmer

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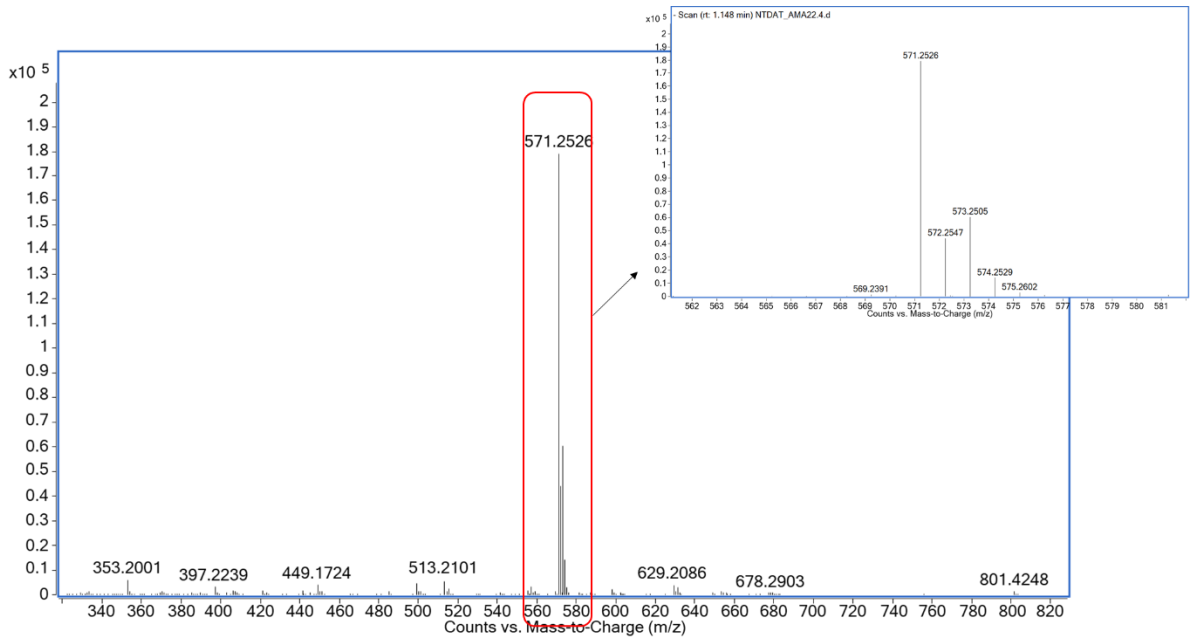


Figure S1: HRESIMS spectrum of compound **(1)**

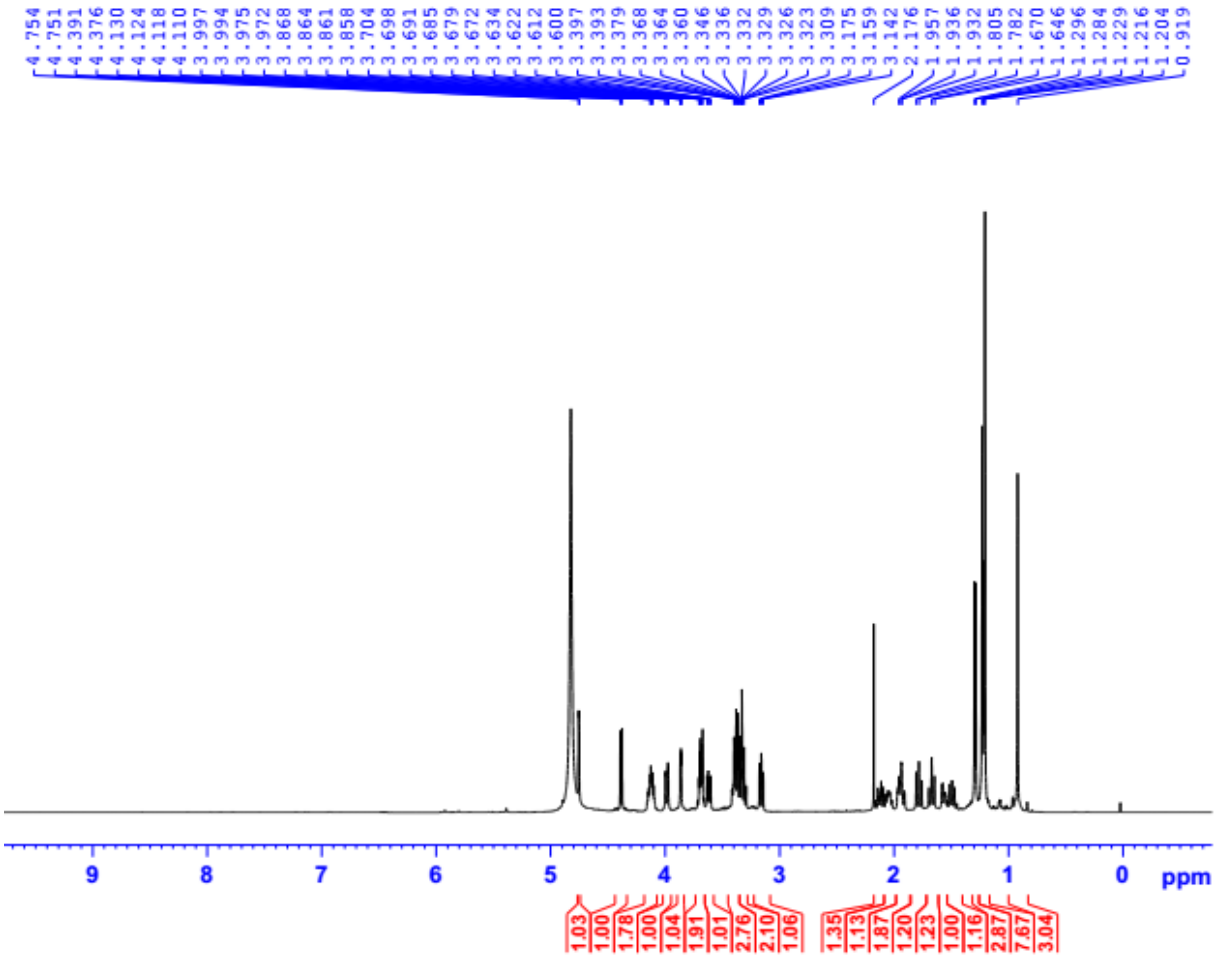


Figure S2: ^{1}H NMR spectrum of compound **(1)**. Measured in CD_3OD, 500 MHz

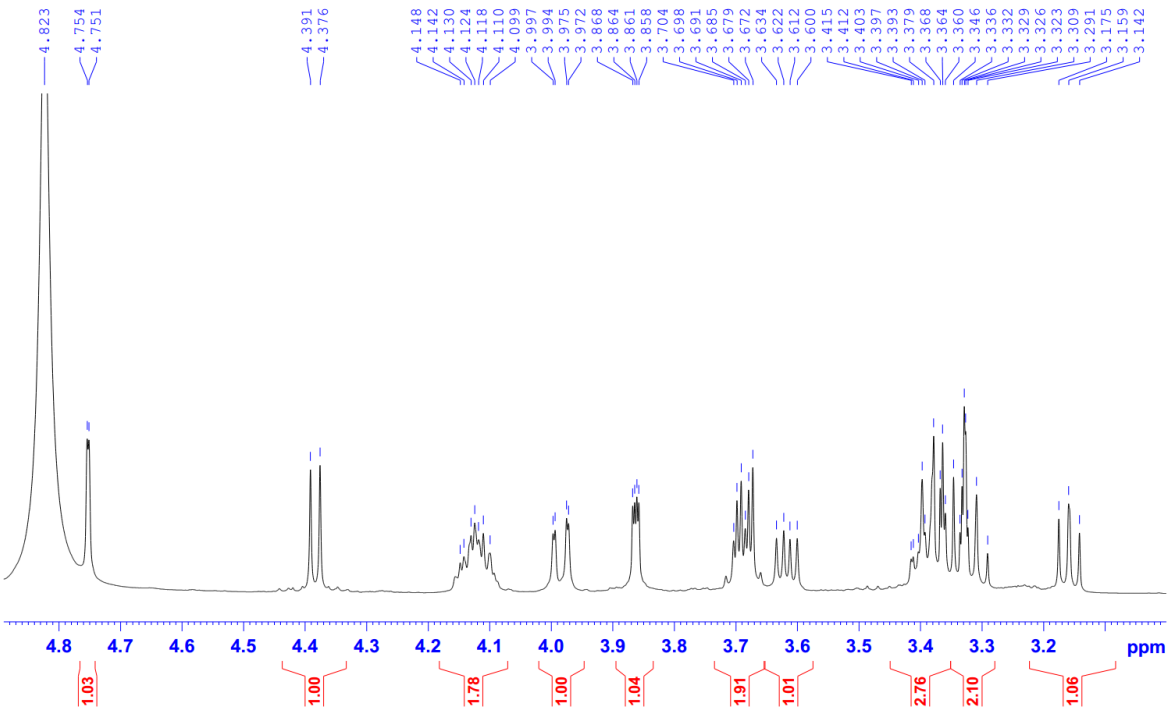


Figure S3: ^{1}H NMR spectrum (3.0-5.0 ppm) of compound **(1)**. Measured in CD_3OD, 500 MHz

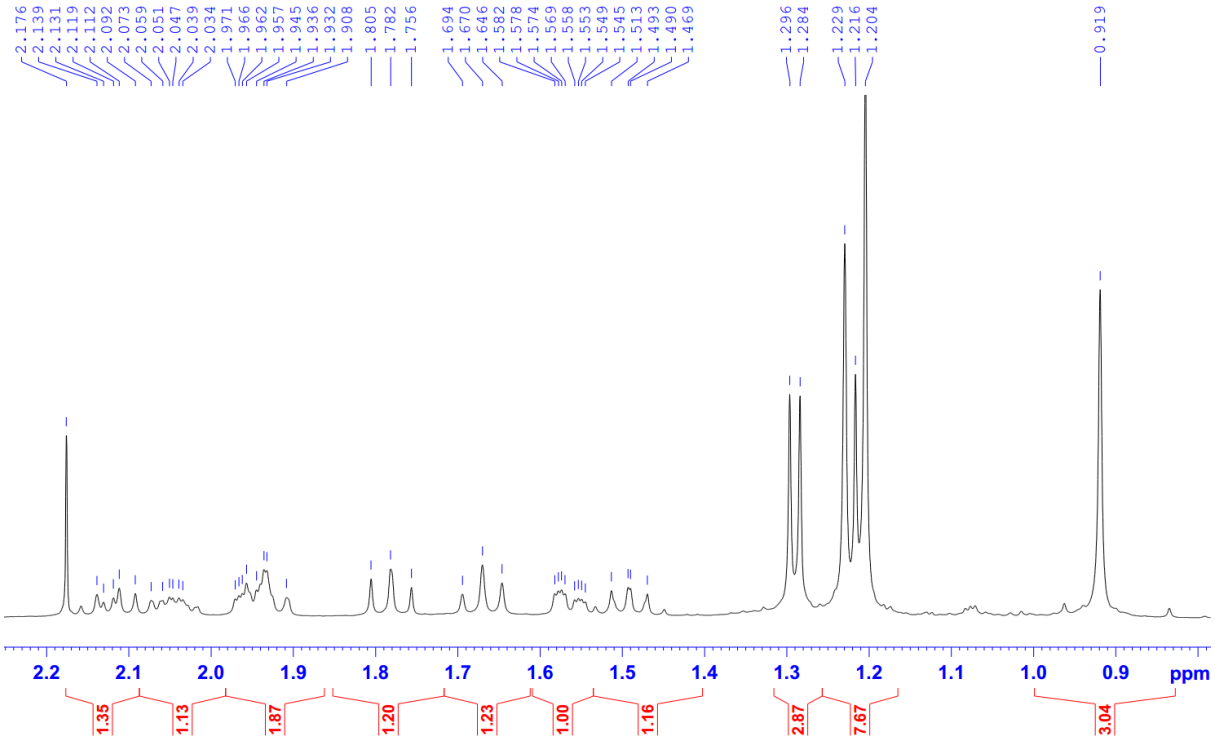


Figure S14: ^{1}H NMR spectrum (0.8-2.2 ppm) of compound **(1)**. Measured in CD_3OD, 500 MHz

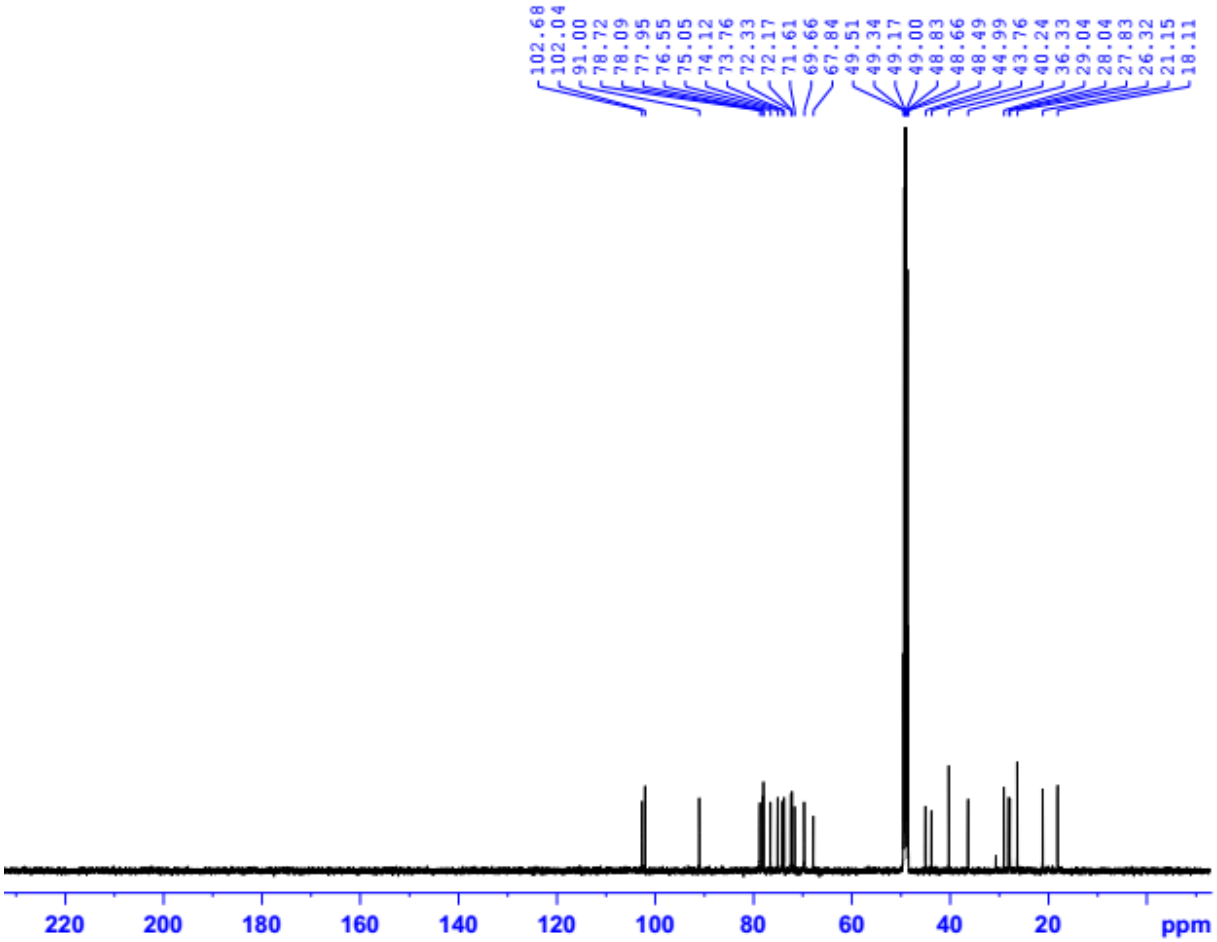


Figure S5: ^{13}C NMR spectrum of compound **(1)**. Measured in CD_3OD, 125 MHz

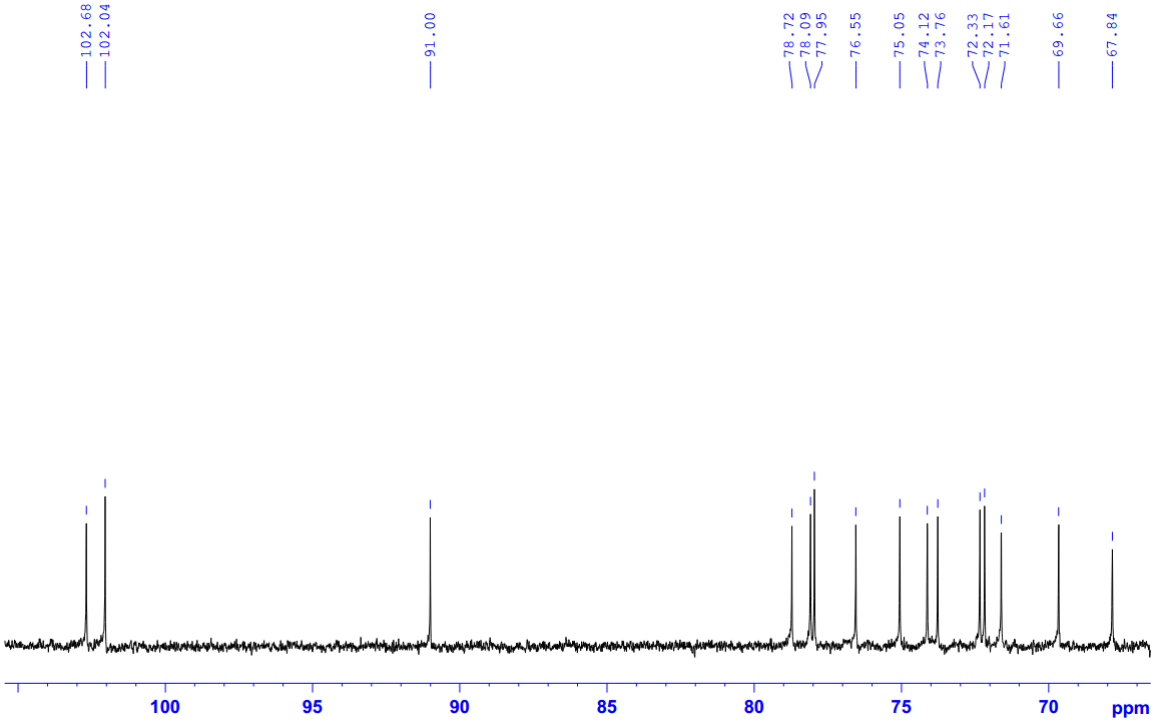


Figure S6: ^{13}C NMR spectrum (67-115 ppm) of compound **(1)**. Measured in CD_3OD, 125 MHz

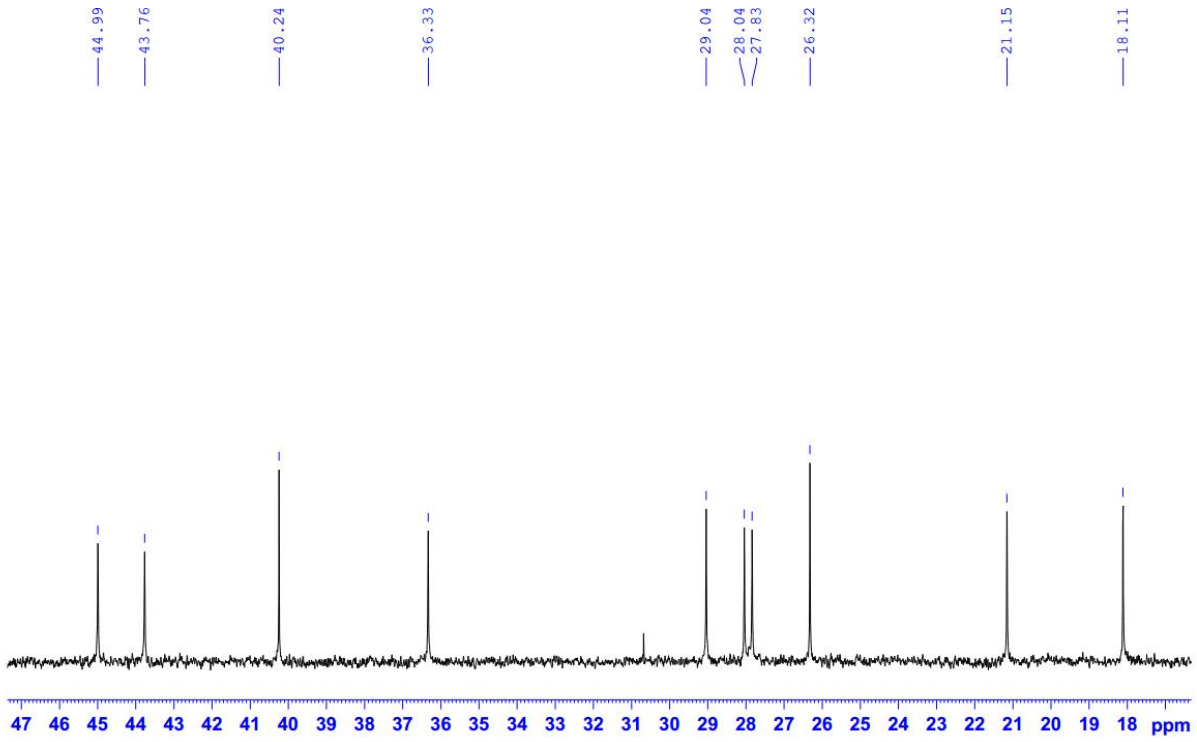


Figure S7: ^{13}C NMR spectrum (17-47 ppm) of compound **(1)**. Measured in CD_3OD, 125 MHz

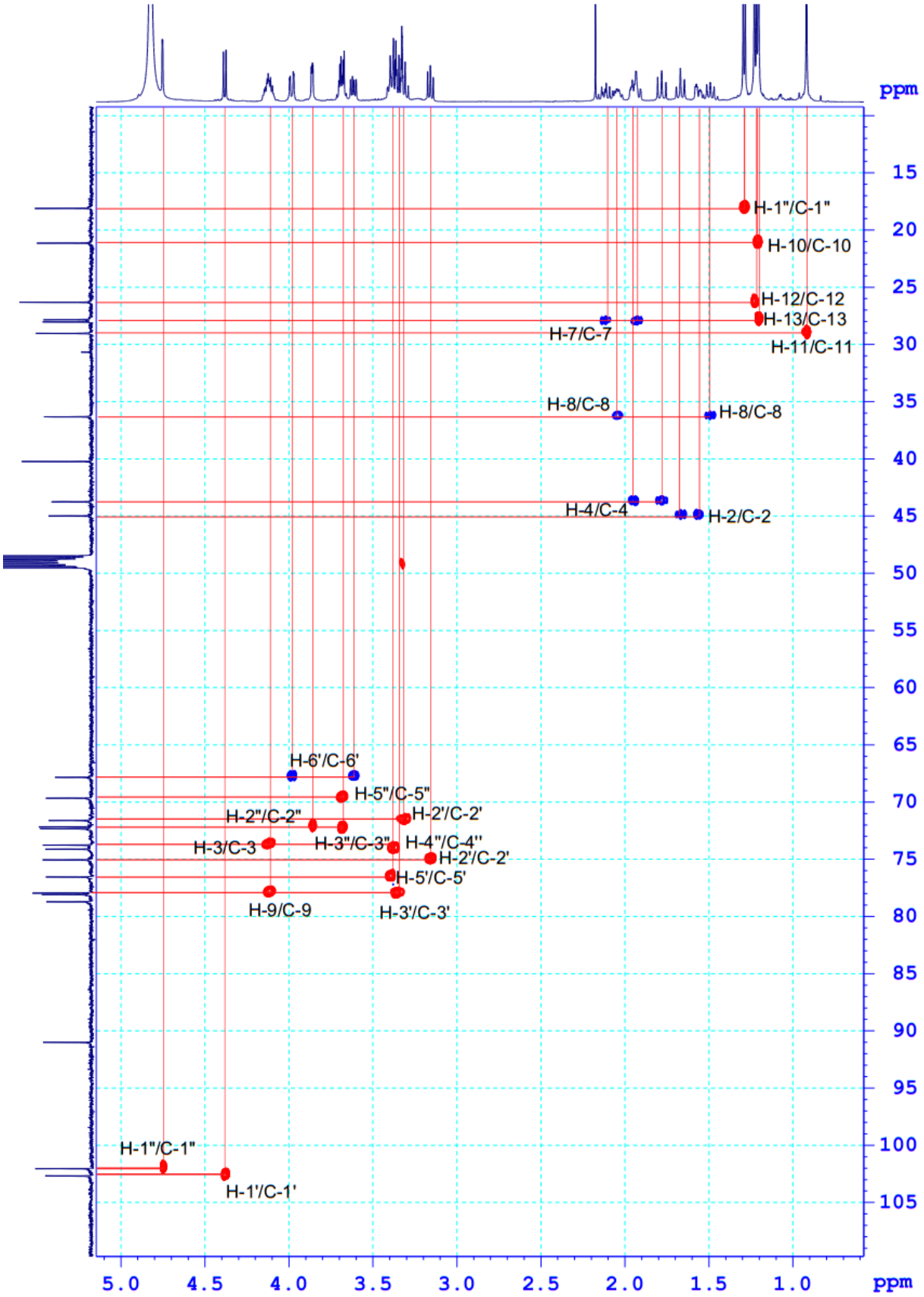


Figure S8: HSQC NMR spectrum of compound (**1**). Measured in CD_3OD

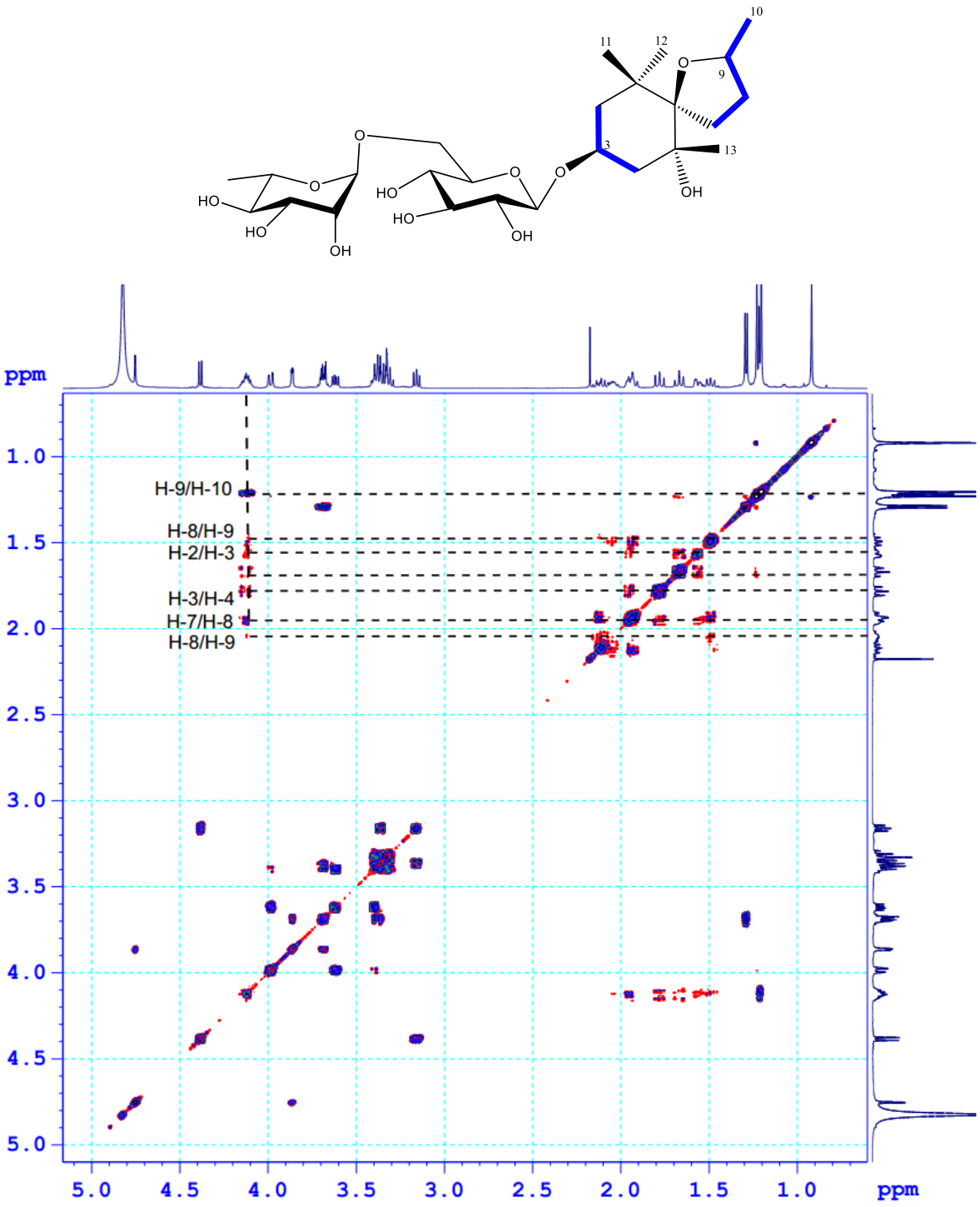


Figure S9: COSY NMR spectrum of compound **(1)**. Measured in CD_3OD.
COSY correlation

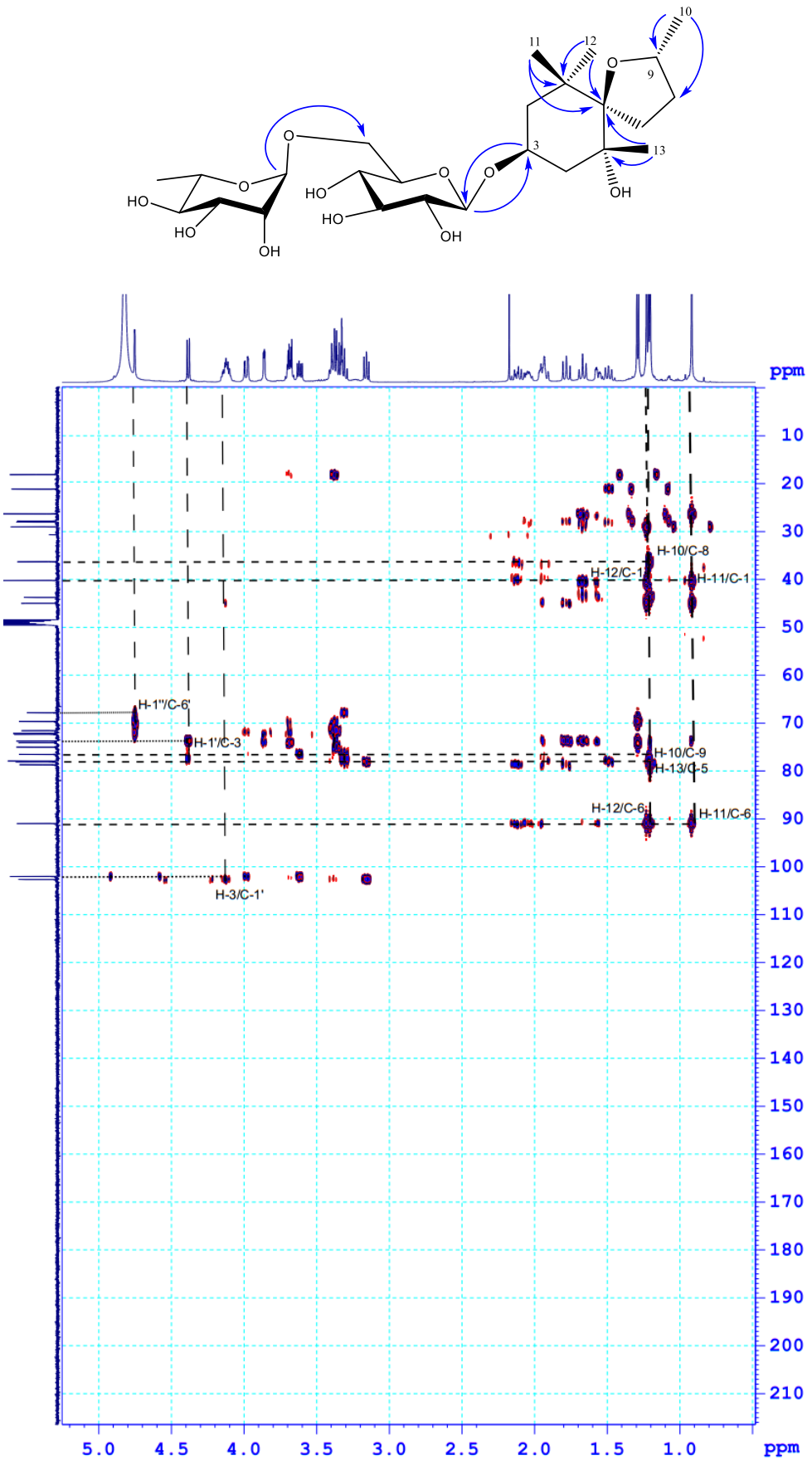


Figure S10: HMBC NMR spectrum of compound (**1**). Measured in CD_3OD
Key HMBC ⟶ correlations

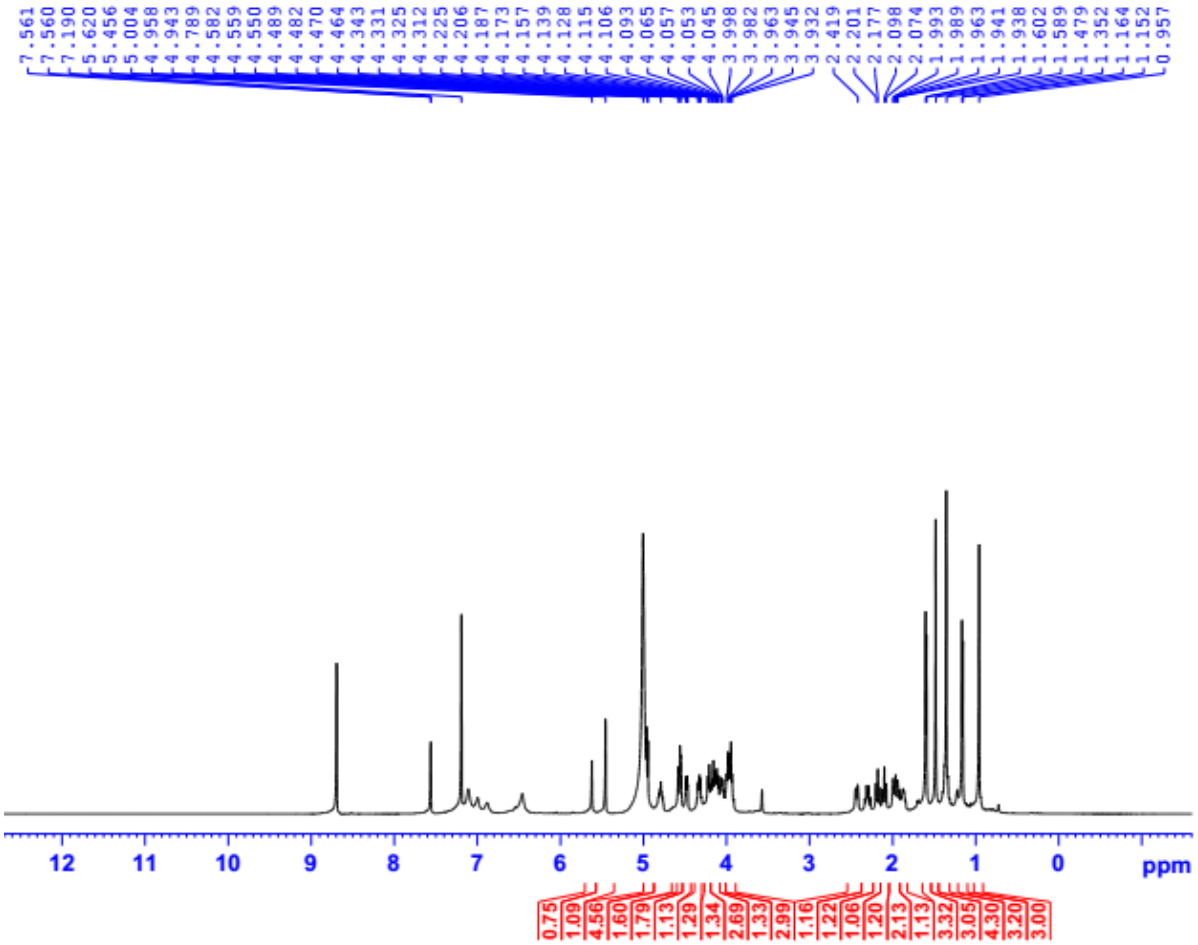


Figure S11: ^{1}H NMR spectrum of compound **(1)**. Measured in Pyridine-d_5, 500 MHz

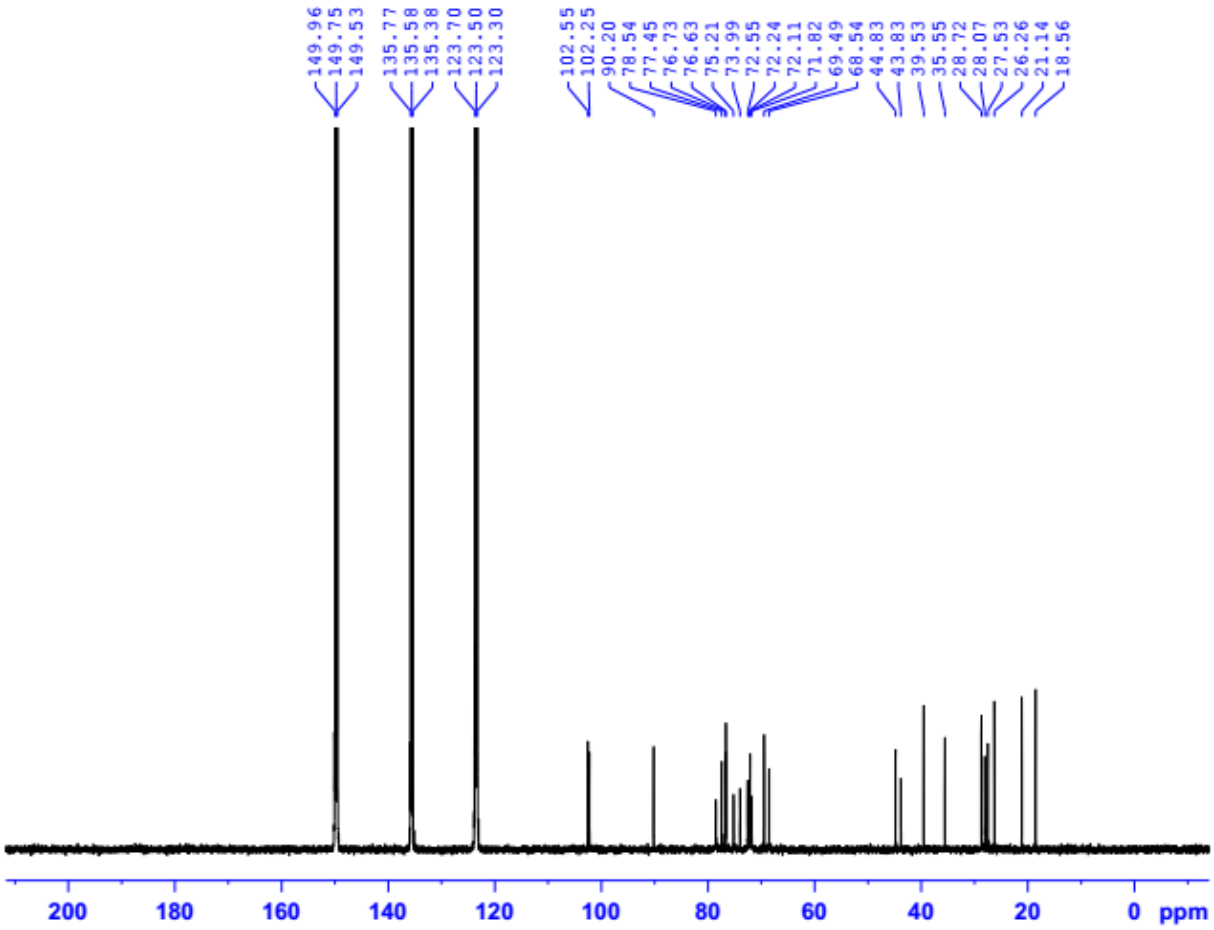


Figure S12: ^{13}C NMR spectrum of compound **(1)**. Measured in Pyridine-d_5, 125 MHz

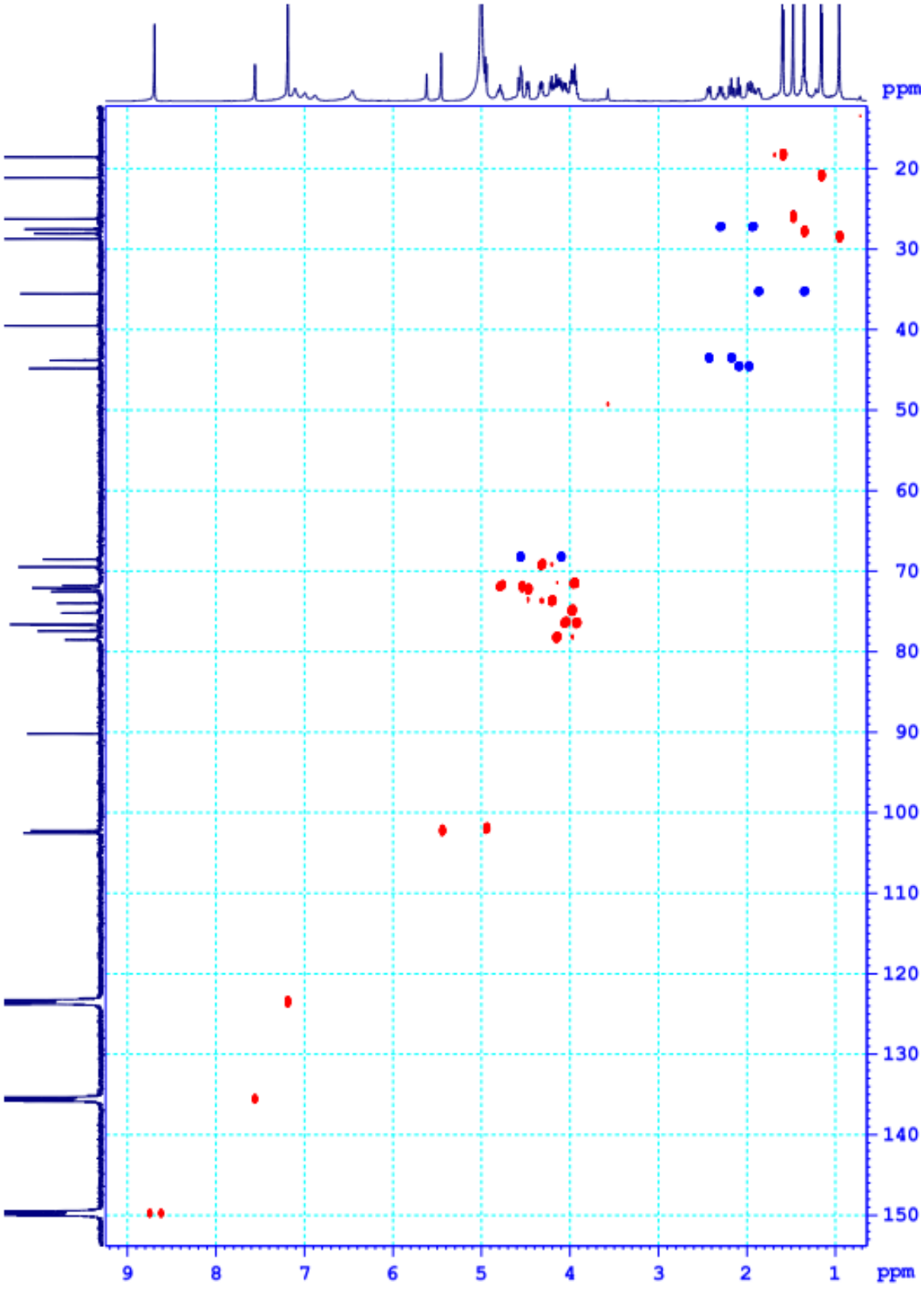


Figure S13: HSQC NMR spectrum of compound (**1**). Measured in Pyridine-d_5

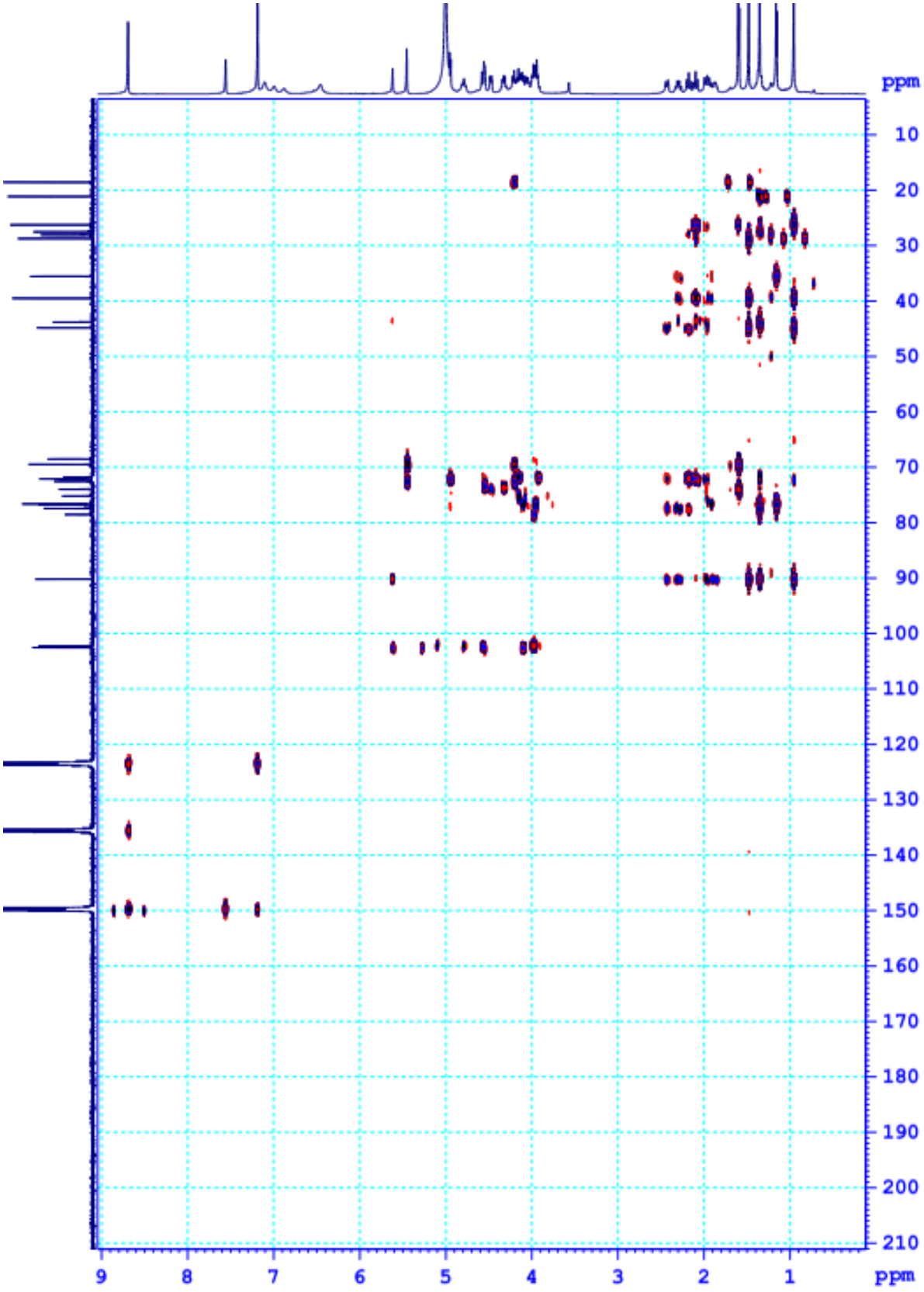


Figure S14: HMBC NMR spectrum of compound (**1**). Measured in Pyridine-d_5

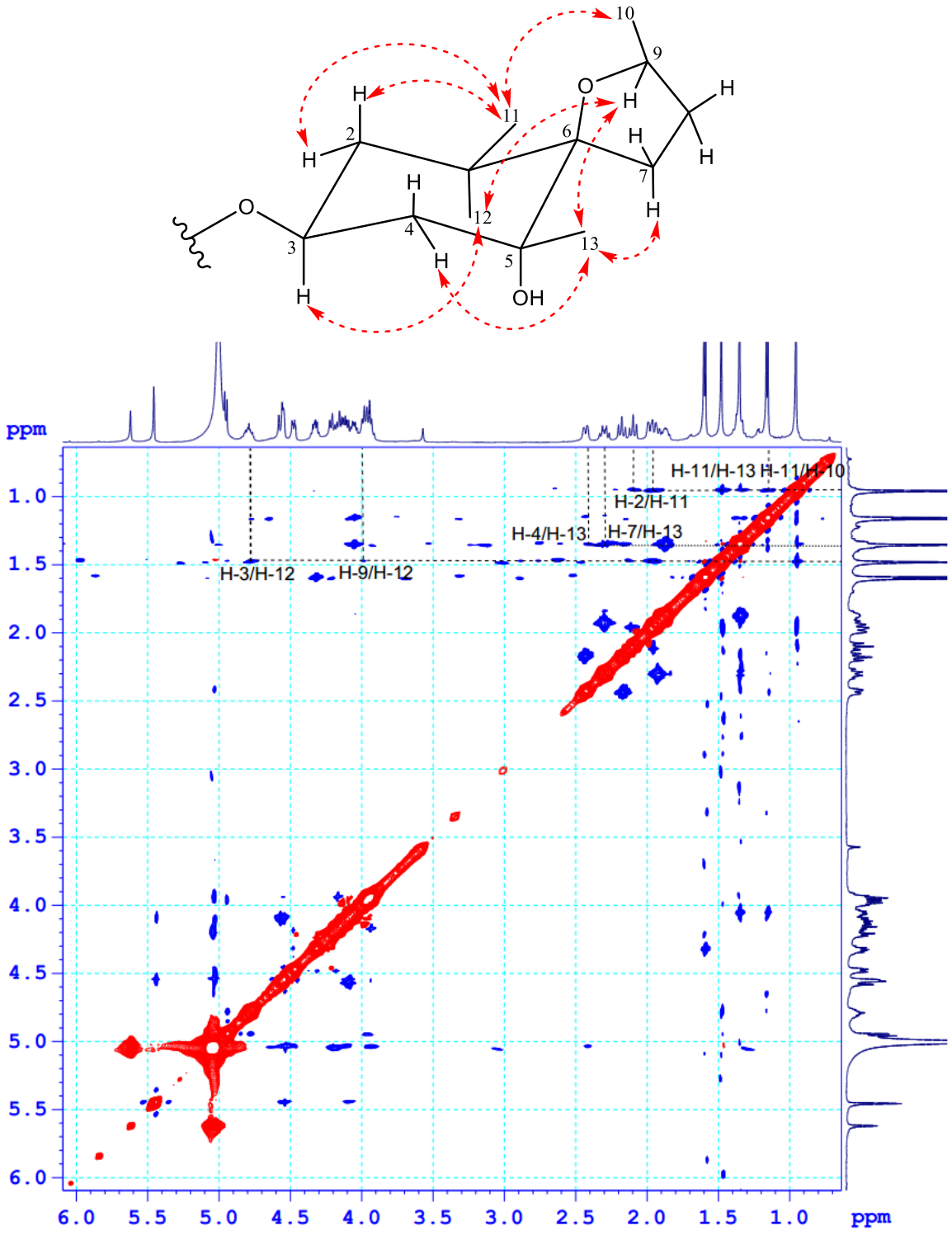


Figure S15: NOESY NMR spectrum of compound **(1)**. Measured in Pyridine-d_5

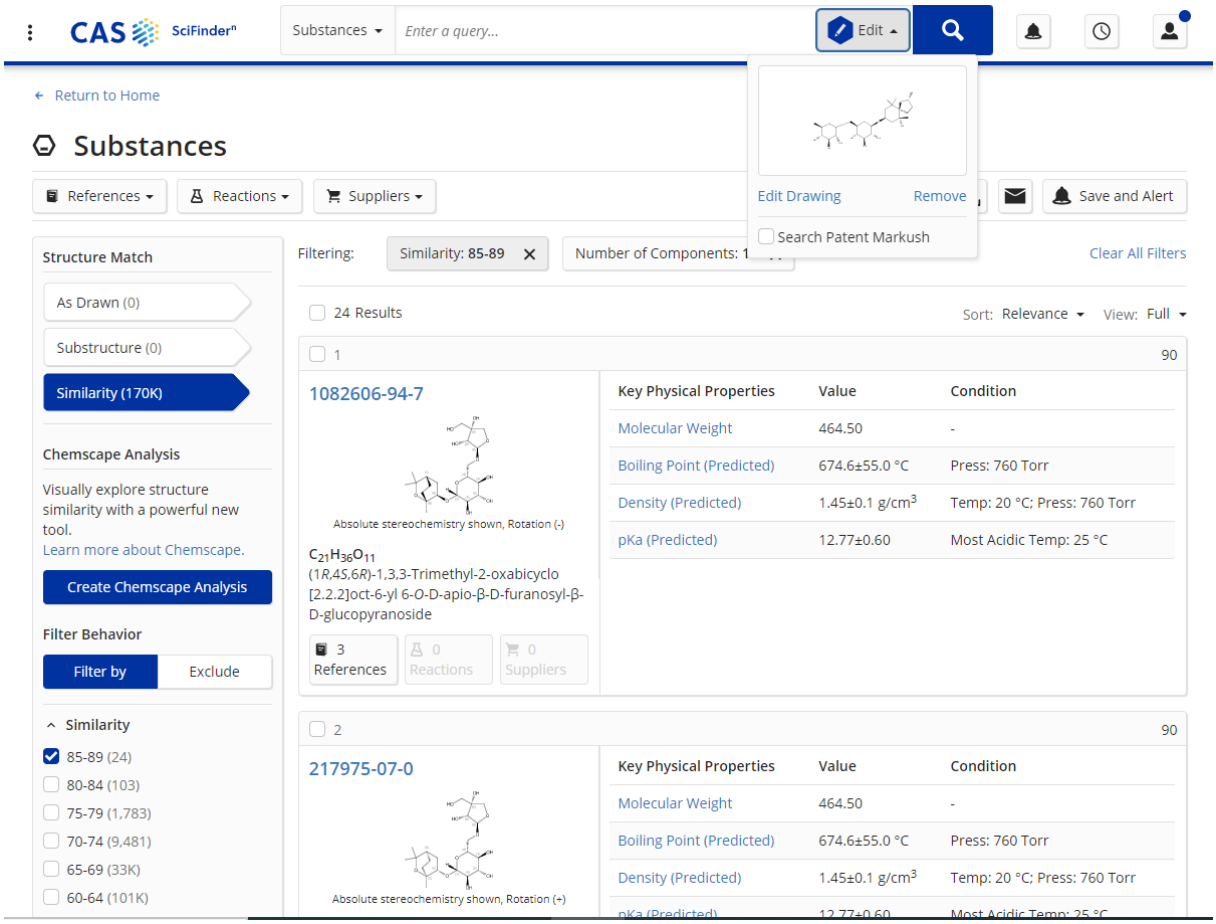
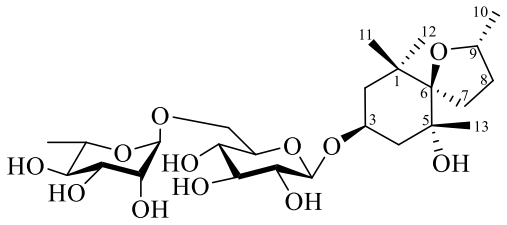
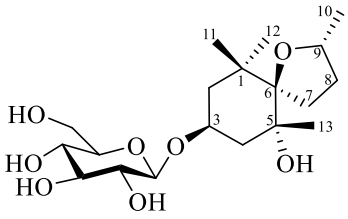


Figure S16: The Scifinder search for the new compound **(1)**

Table S1: Structure and NMR data of compound **1** and the most similar compound, scorospiroside



Compound **1**



Scorospiroside

No.	δ_C [#,a]	δ_H [#,c]	δ_C [#,b]	δ_H [#,d]
1	39.5		39.5	
2	44.8	2.09 (1H, t, *J* = 12.0 Hz) 1.97 (1H, dd, *J* = 12.0, 4.0 Hz)	44.8	2.13(1H, t, *J* = 12.0 Hz) 1.96 (1H, dd, *J* = 12.0, 4.0 Hz)
3	72.1	4.80 (1H, m)	72.4	4.79 (1H, tt, *J* = 12.0, 4.0 Hz)
4	43.8	2.43 (1H, brd, *J* = 11.0 Hz) 2.17 (1H, dd, *J* = 13.0, 12.0 Hz)	44.0	2.50 (1H, brd, *J* = 13.0 Hz) 2.23 (1H, dd, *J* = 13.0 Hz)
5	77.4		77.4	
6	90.2		90.2	
7	27.5	2.30 (1H, m) 1.93 (1H, m)	27.5	2.34 (1H, m) 1.88-2.00 (1H, m)
8	35.5	1.87 (1H, m) 1.34 (1H, m)	35.6	1.88-2.00 (1H, m) 1.42 (1H, m)
9	76.6	4.04 (1H, m)	76.7	4.10 (1H, m)
10	21.1	1.16 (3H, d, *J* = 6.5 Hz)	21.2	1.21 (3H, d, *J* = 6.0 Hz)
11	28.7	0.95 (3H, s)	28.7	0.96 (3H, s)
12	26.2	1.47 (3H, s)	26.2	1.43 (3H, s)
13	28.0	1.35 (3H, s)	28.1	1.37 (3H, s)
1'	102.6	4.96 (1H, d, *J* = 7.5 Hz)	102.6	5.01 (1H, d, *J* = 8.0 Hz)
2'	75.2	3.99 (1H, m)	75.3	4.00 (1H, dd, *J* = 8.0, 9.0 Hz)
3'	76.6	4.12 (1H, m)	78.6	4.19 (1H, t, *J* = 9.0 Hz)
4'	71.8	4.82 (1H, m)	71.7	4.25 (1H, t, *J* = 9.0 Hz)
5'	73.9	4.20 (1H, m)	78.1	3.81 (1H, m)
6'	68.5	4.09 (1H, m) 4.56 (1H, m)	62.8	4.34 (1H, dd, *J* = 12.0, 5.0 Hz) 4.45 (1H, dd, *J* = 12.0, 5.0 Hz)
1"	102.3	5.46 (1H, brs)		
2"	72.6	4.22 (1H, m)		
3"	72.2	4.47 (1H, m)		
4"	69.5	4.33 (1H, m)		
5"	69.5	4.30 (1H, m)		
6"	18.6	1.60 (3H, d, *J* = 6.5 Hz)		

[#] Measure in pyridine-d_5, [a] 125 MHz; [b] 100 MHz; [c] 500 MHz; [d] 400 MHz;

F. Abe and T. Yamauchi (1993). Megastigmanes and flavonoids from the leaves of *Scorodocarpus borneensis*, *Phytochemistry* **33** (**6**), 1499-1501.