

Supporting Information:

Acremochlorin O and Other Prenylated Chlorophenol Antimicrobial Metabolites from the Fungus *Acremonium* sp. Strain MNA-F-1

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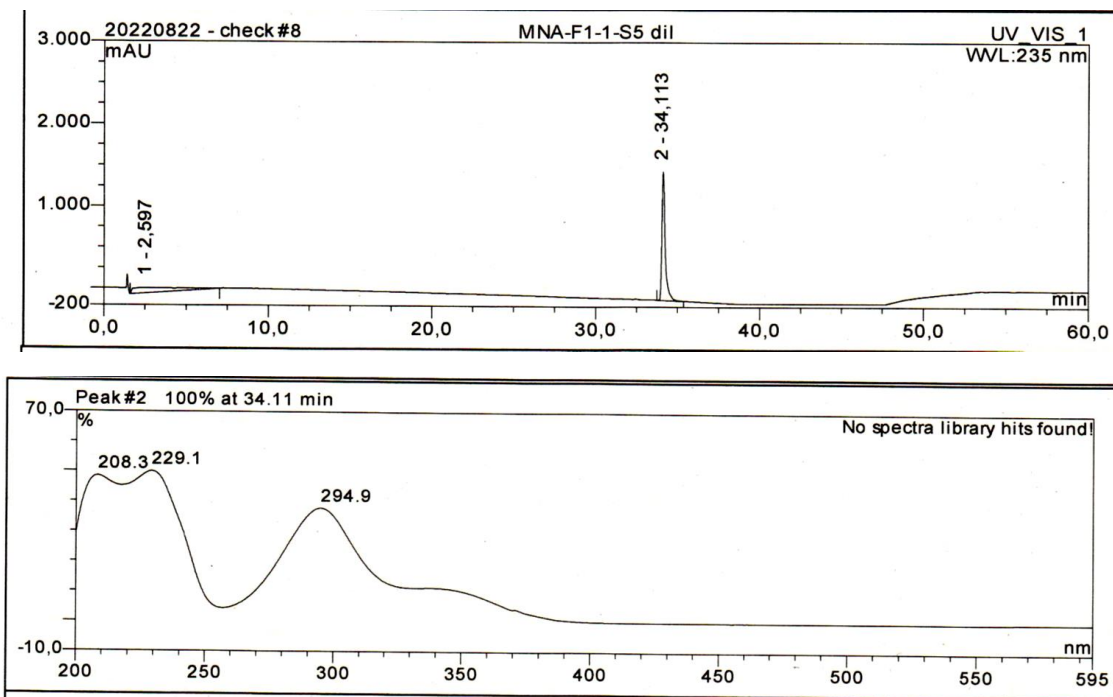


Figure S1. HPLC chromatogram of 1.

Data Set: File_091012_111940_F1-1-S5_0.002mg - RawData

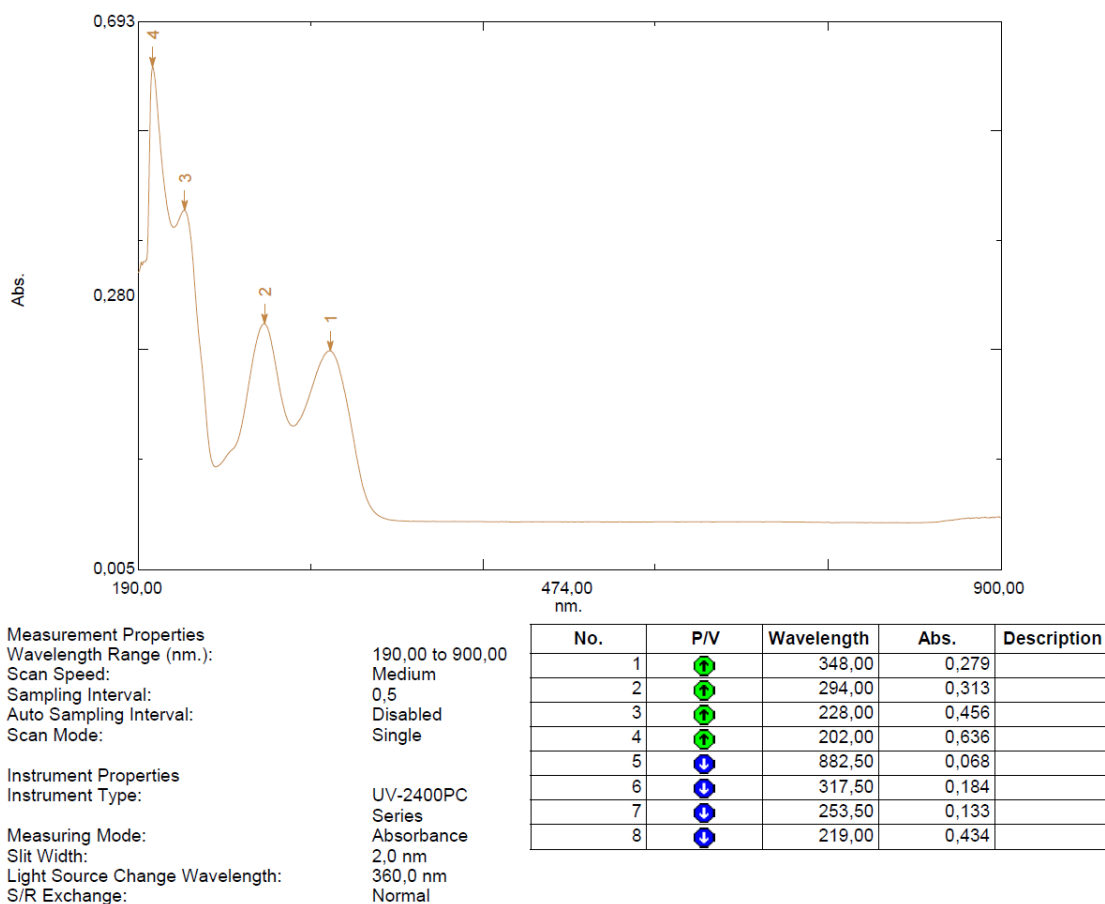


Figure S2. UV spectrum of 1.

Mass Spectrum SmartFormula Report

Analysis Info

Analysis Name D:\Data\Spektren 2022\KAL22HR000129.d
 Method tune_low_new.m
 Sample Name Elnaggar MNA-F1-1-S5 (CH3OH)
 Comment

Acquisition Date 9/9/2022 9:22:41 AM

Operator PT
 Instrument maXis 288882.20213

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	0.3 Bar
Focus	Not active	Set Capillary	4000 V	Set Dry Heater	180 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	4.0 l/min
Scan End	1500 m/z	Set Collision Cell RF	600.0 Vpp	Set Divert Valve	Source

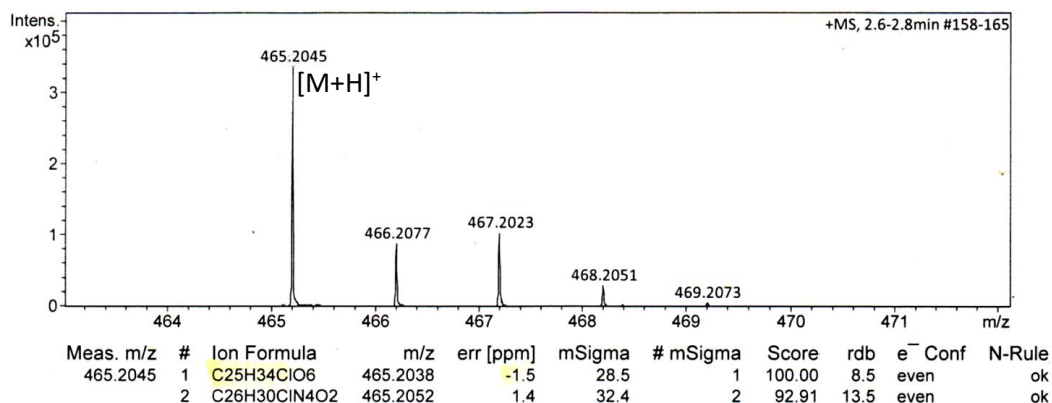


Figure S3. HRESIMS of **1**.

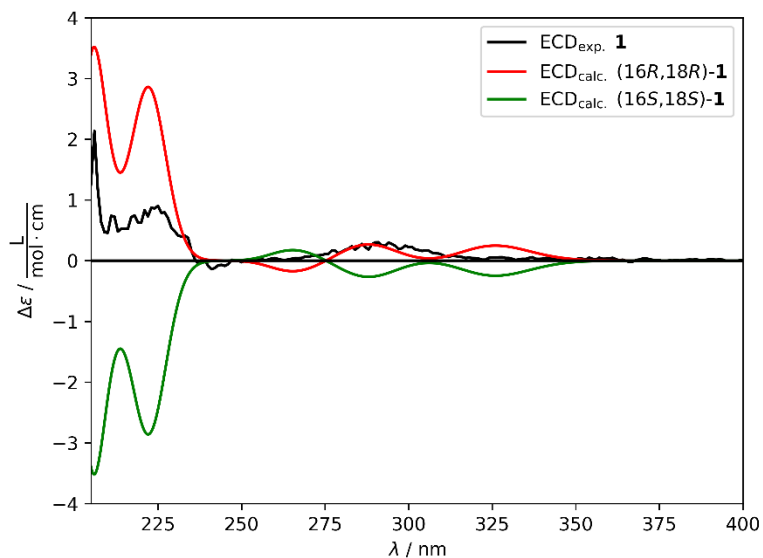


Figure S4. Comparison of experimental (black) and simulated Boltzmann-averaged (red: (16R,18R)-**1**, similarity factor: 0.90; green: (16S,18S)-**1**, similarity factor: 0.02) ECD spectra of compound **1** (Δ -value: 0.88).

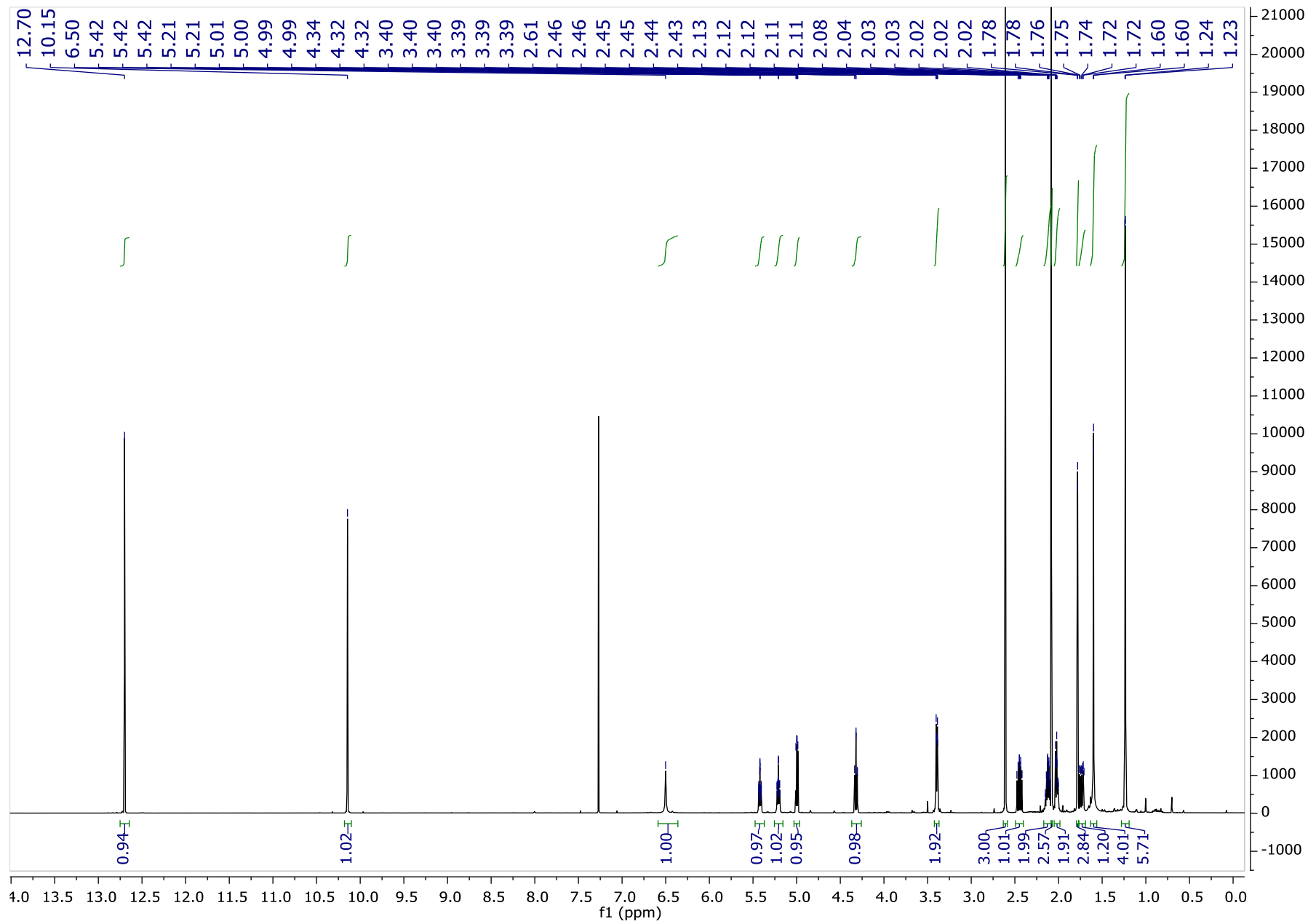


Figure S4. ^1H NMR spectrum of **1** in chloroform-*d* at 500 MHz.

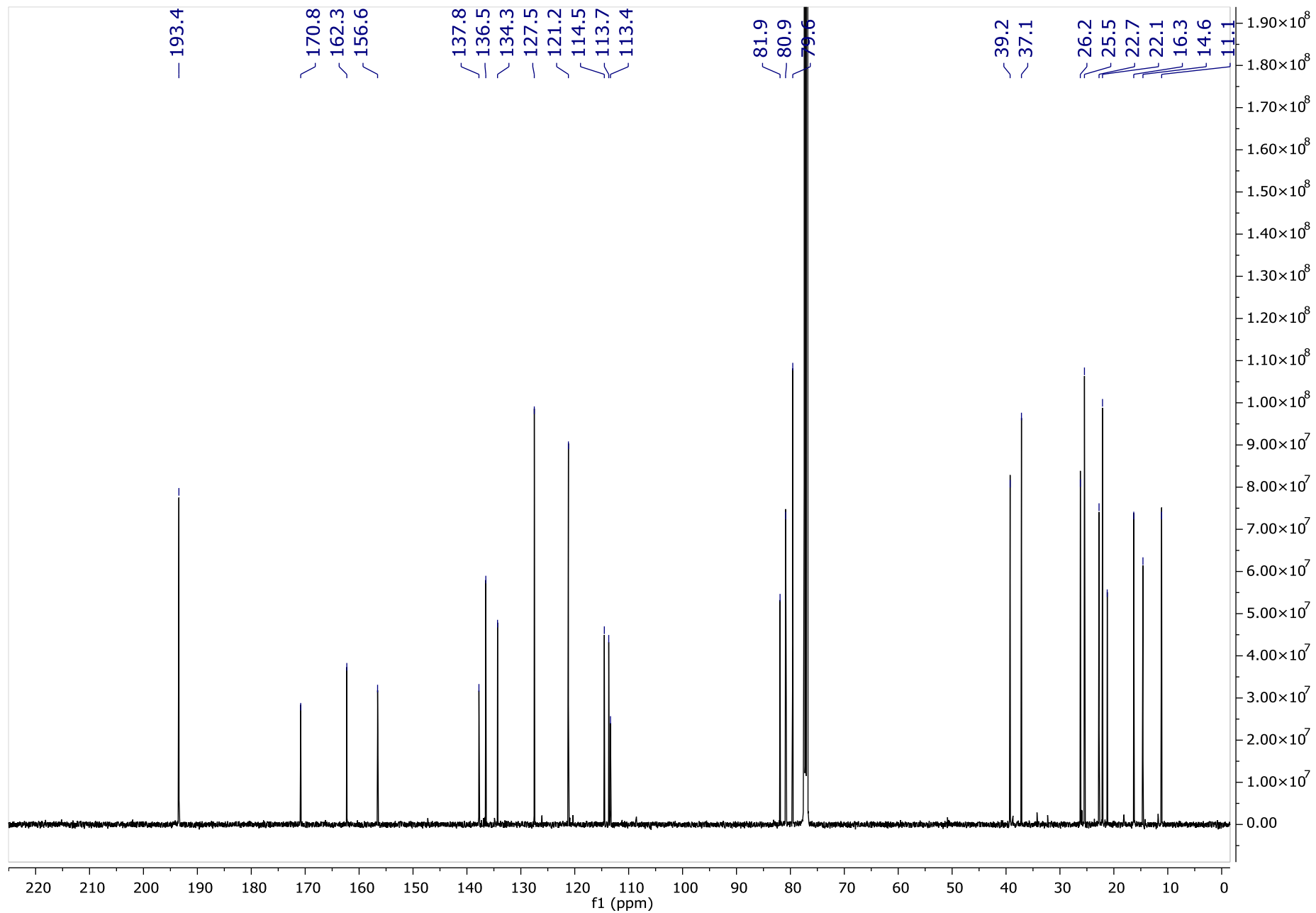


Figure S5. ^{13}C NMR spectrum of **1** in chloroform-*d* at 125 MHz.

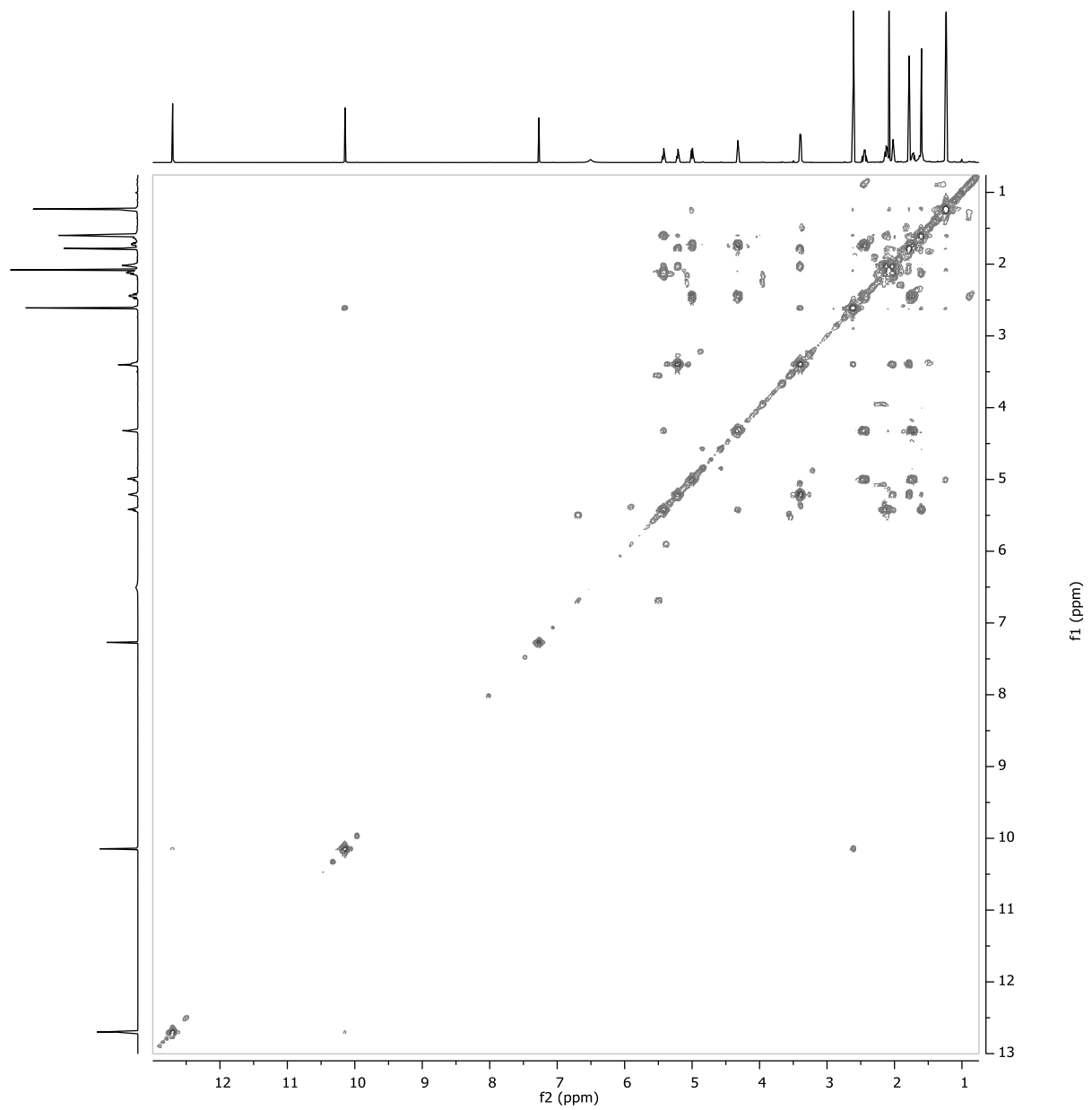


Figure S6. ^1H - ^1H COSY spectrum of **1** in chloroform-*d* at 500 MHz.

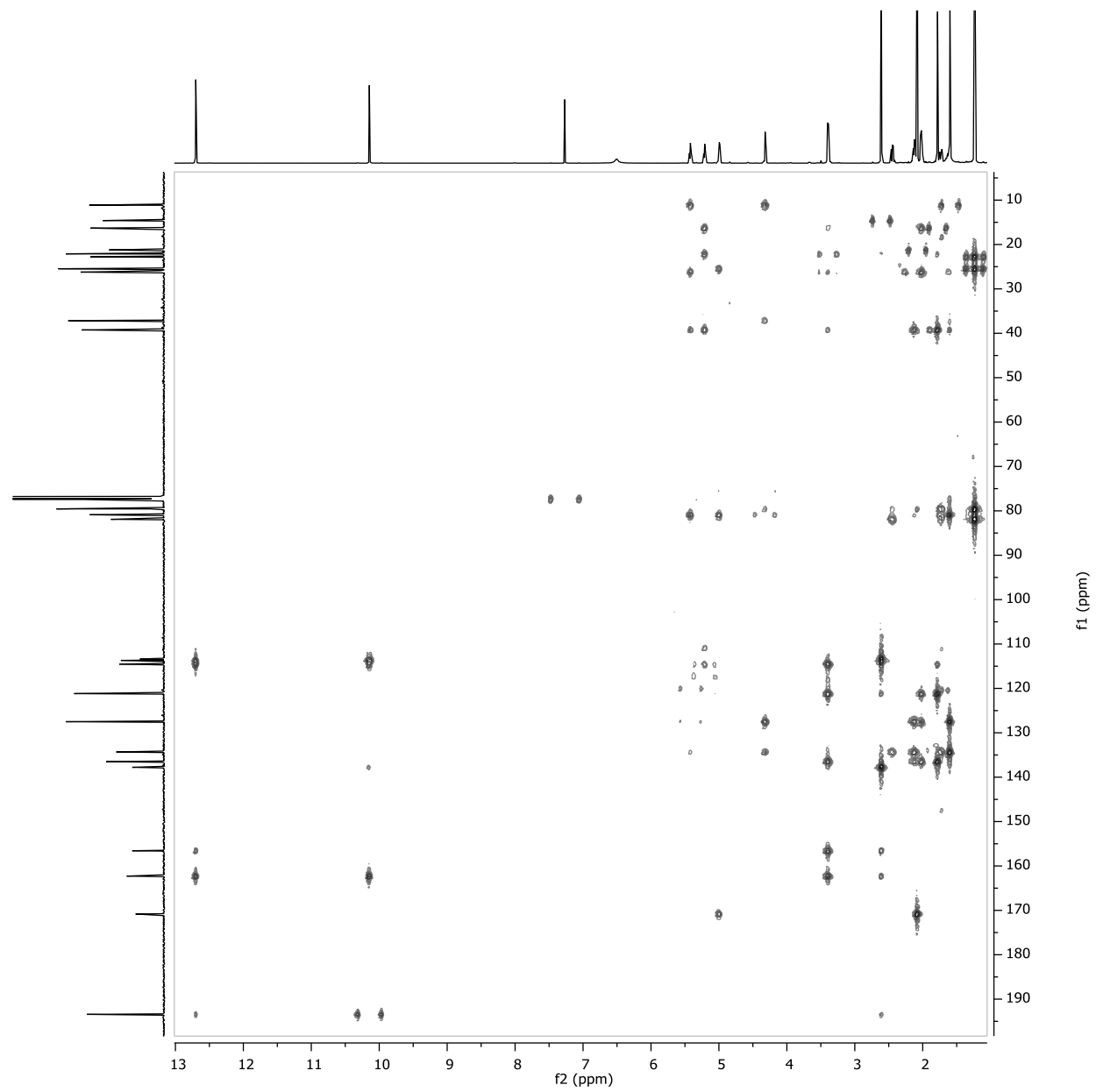


Figure S7. HMBC spectrum of **1** in chloroform-*d* at 500 MHz.

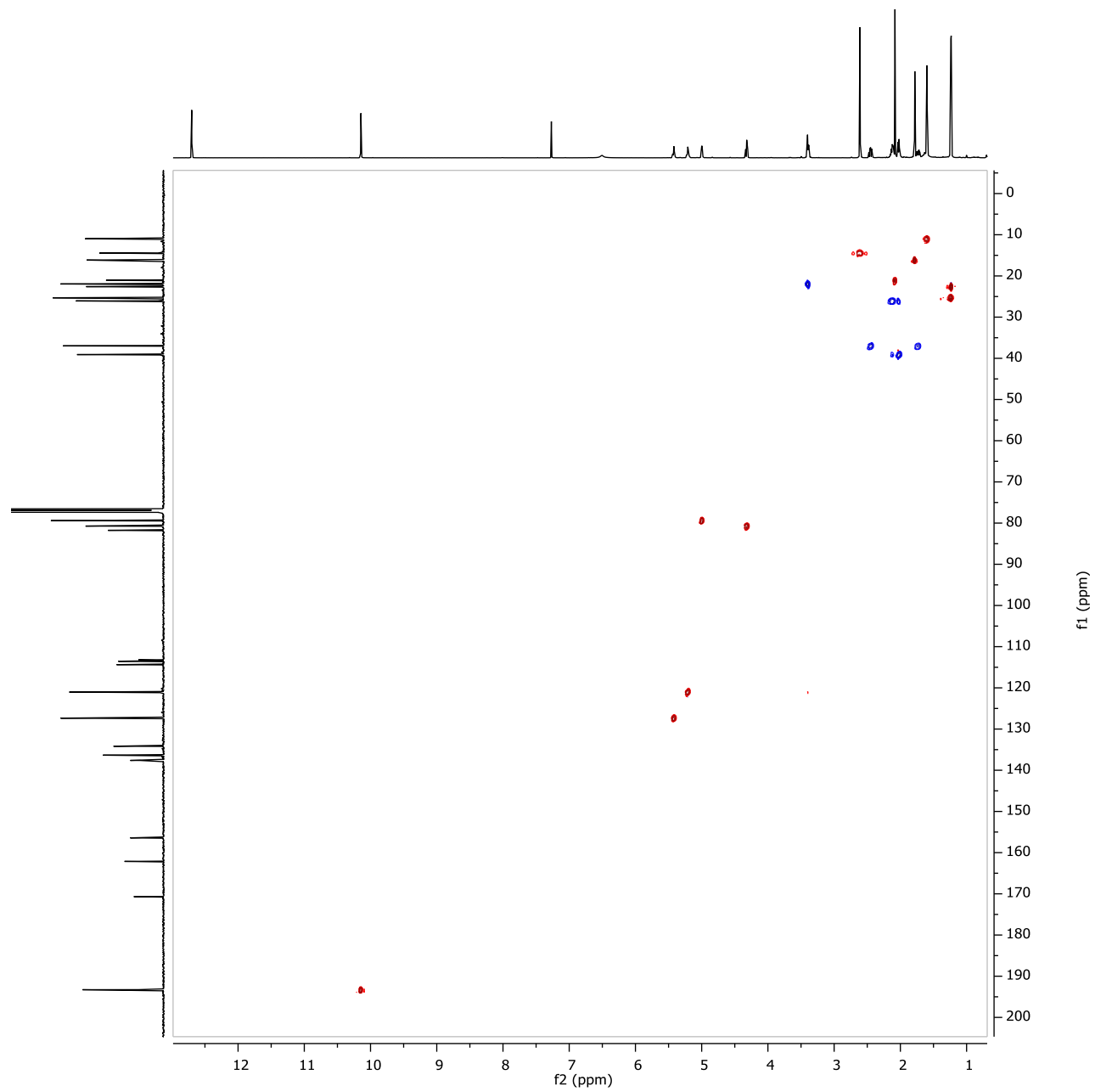


Figure S8. HSQC spectrum of **1** in chloroform-*d* at 500 MHz.

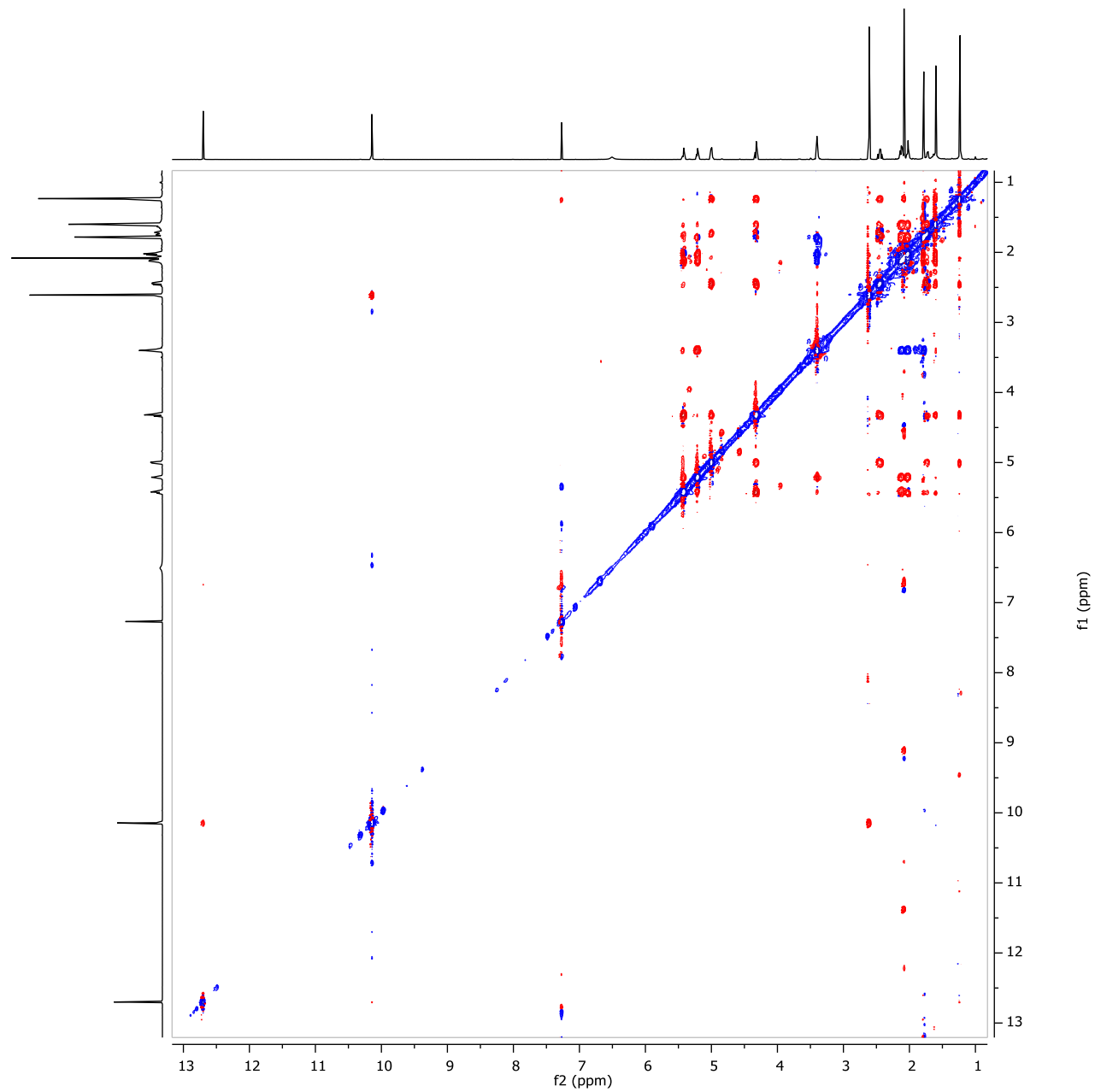


Figure S9. ROESY spectrum of **1** in chloroform-*d* at 500 MHz.