

Supporting Information

Credneramides A and B: Neuromodulatory Phenethylamine and
Isopentylamine Derivatives of a Vinyl Chloride-containing Fatty Acid from
cf. Trichodesmium sp. nov.

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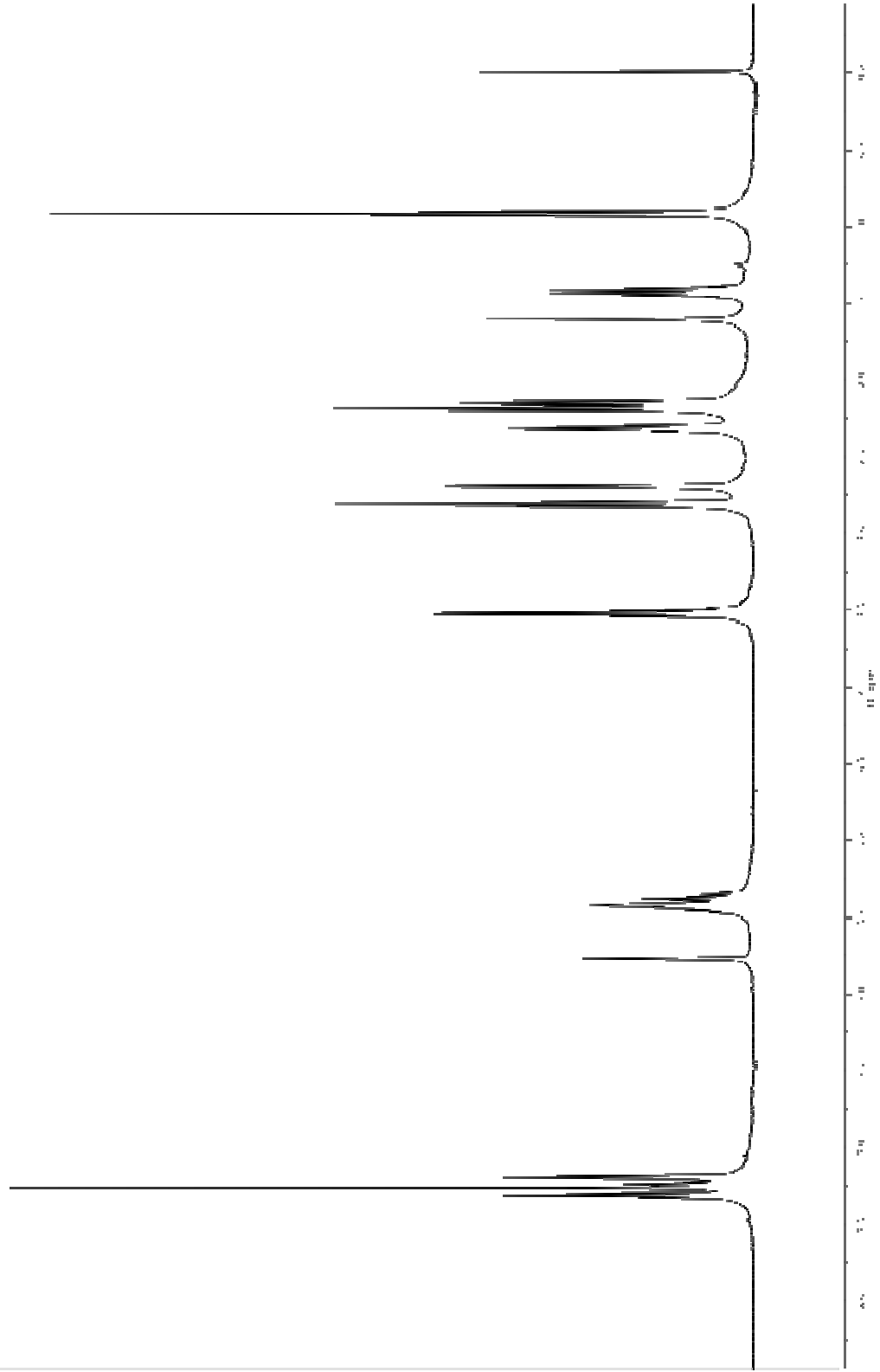
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[⊥] Discipline of Pharmacology, School of Medicine and Health Sciences, University of
Papua New Guinea, National Capital District, Papua New Guinea

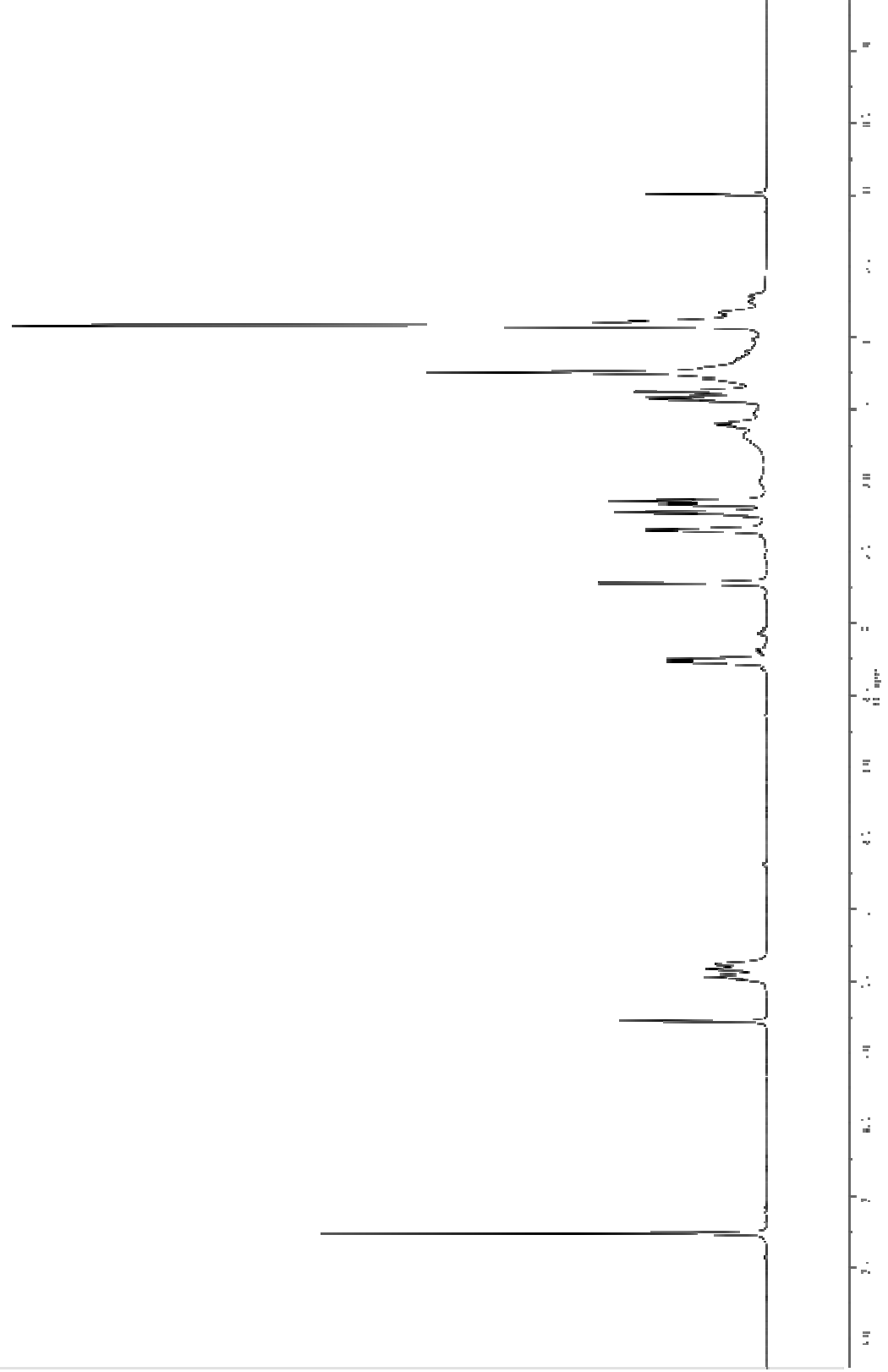
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Center of Cellular Molecular Biology of Diseases, Clayton, Bldg. 219 P.O. Box 7250,
Panama 5, Republic of Panama

S1: ¹H NMR spectrum of **1** (500 MHz, CDCl₃)
S2: ¹H NMR spectrum of **2** (600 MHz, CDCl₃)
S3: ¹H NMR spectrum of **3** (500 MHz, CDCl₃)
S4: ¹³C NMR spectrum of **1** (75 MHz, CDCl₃)
S5: ¹³C NMR spectrum of **2** (150 MHz, CDCl₃)
S6: ¹³C NMR spectrum of **3** (75 MHz, CDCl₃)
S7: COSY spectrum of **1** (CDCl₃)
S8: COSY spectrum of **2** (CDCl₃)
S9: COSY spectrum of **3** (CDCl₃)
S10: HMBC spectrum of **1** (CDCl₃)
S11: HMBC spectrum of **2** (CDCl₃)
S12: HMBC spectrum of **3** (CDCl₃)
S13: HSQC spectrum of **1** (CDCl₃)
S14: HSQC spectrum of **2** (CDCl₃)
S15: HSQC spectrum of **3** (CDCl₃)
S16: NOESY spectrum of **1** (CDCl₃)
S17: NOESY spectrum of **2** (CDCl₃)
S18: ROESY spectrum of **1** (CDCl₃)
S19: 1D NOE of **1**, irr 5.77 ppm (CDCl₃)
S20: 1D ROE of **3**, irr 2.73 ppm (CDCl₃)
S21: 1D ROE of **3**, irr 5.79 ppm (CDCl₃)
S22: 1D ROE of **3**, irr 2.17 ppm (CDCl₃)

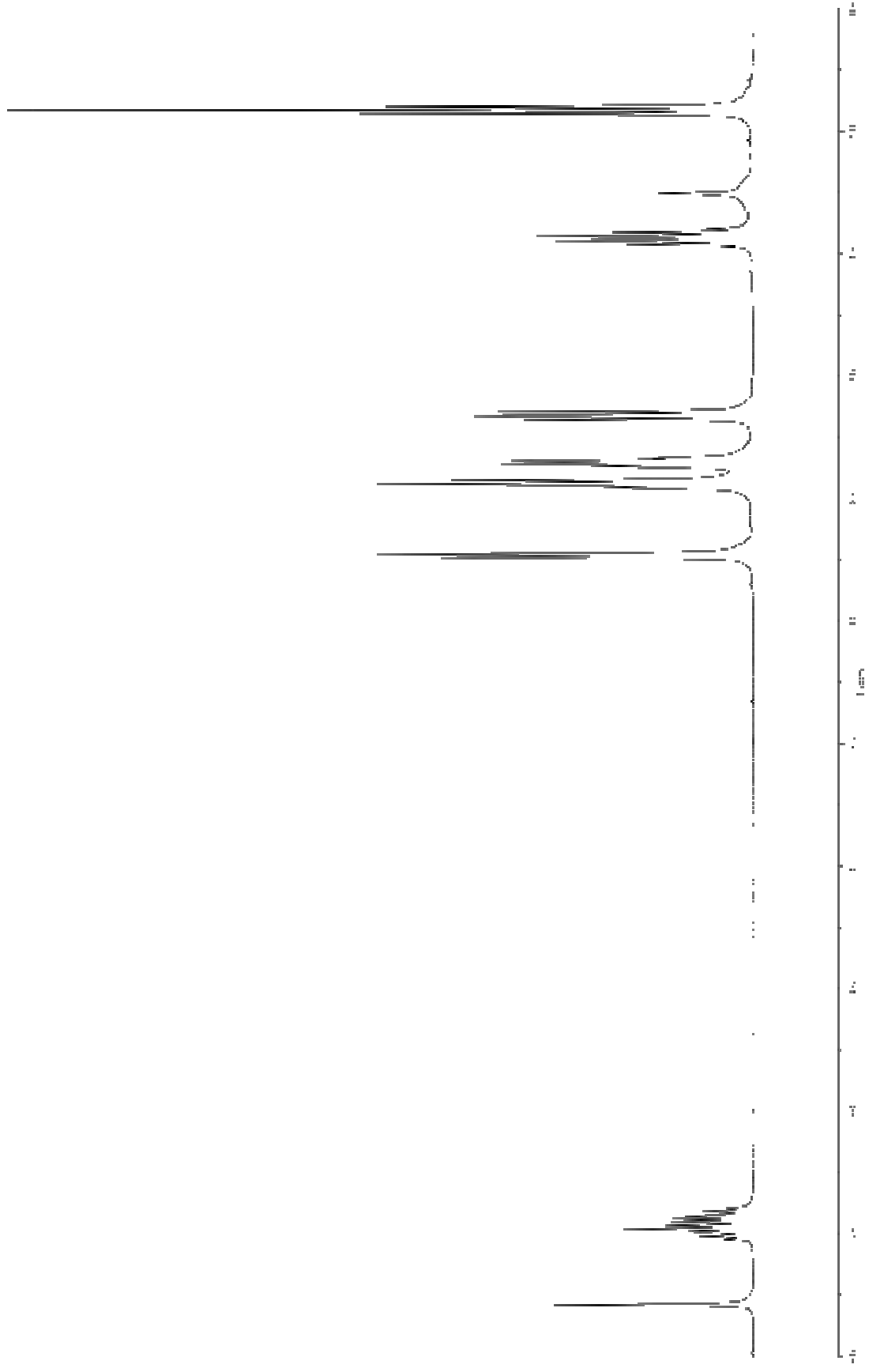
S1: ¹H NMR spectrum of 1 (500 MHz, CDCl₃)



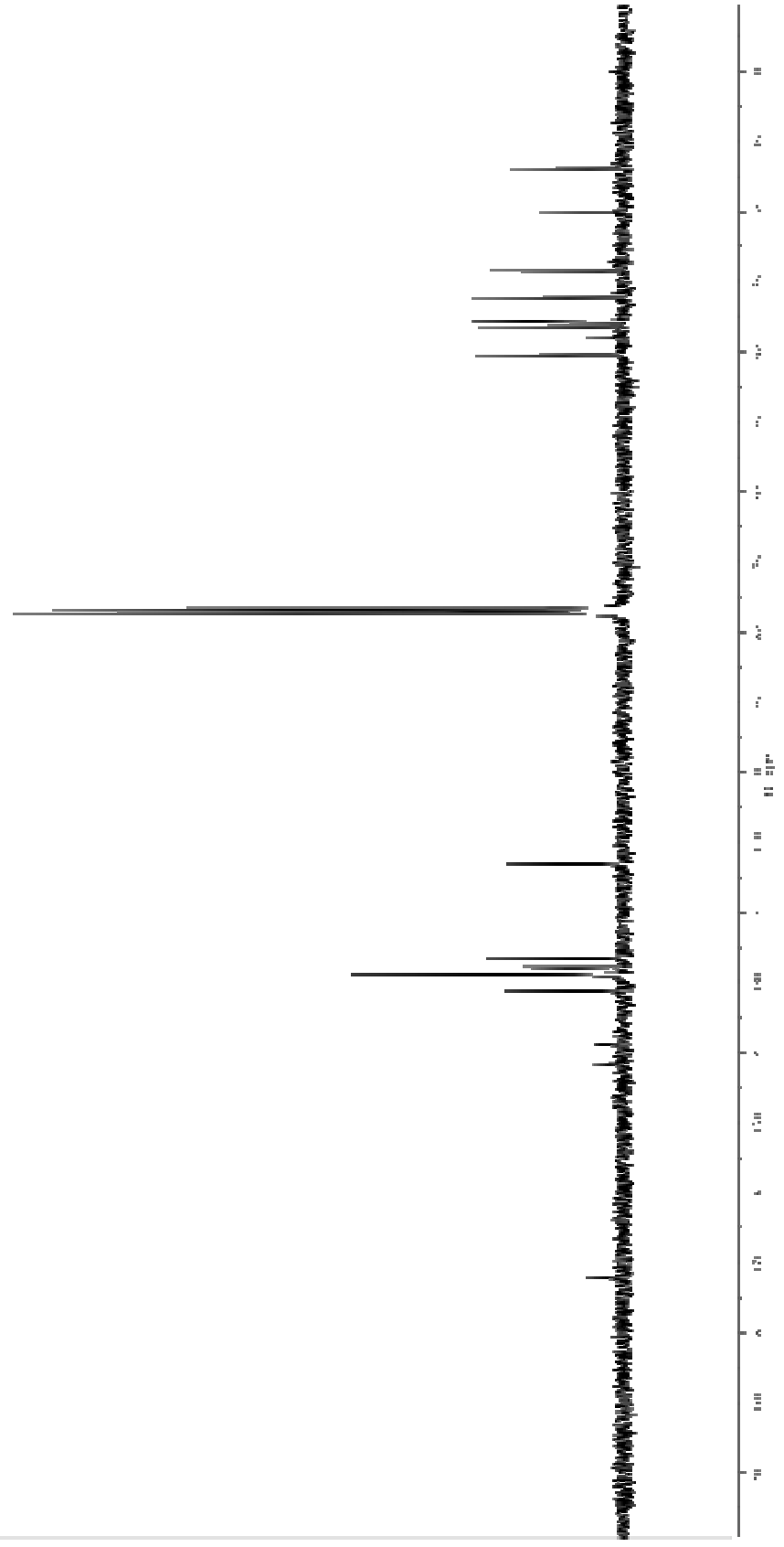
S2: ^1H NMR spectrum of **2** (600 MHz, CDCl_3)

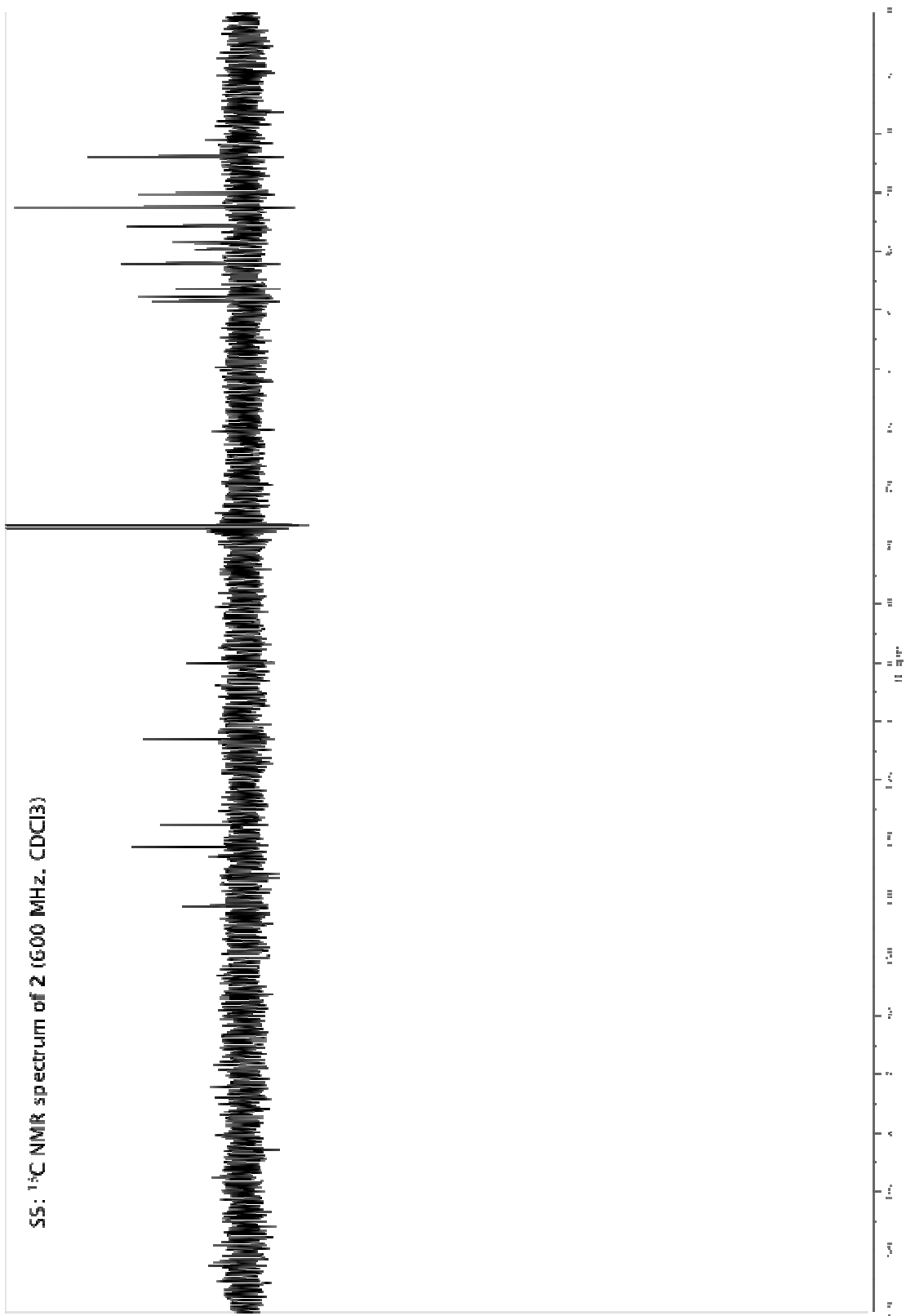


S3: ¹H NMR spectrum of 3 (500 MHz, CDCl₃)

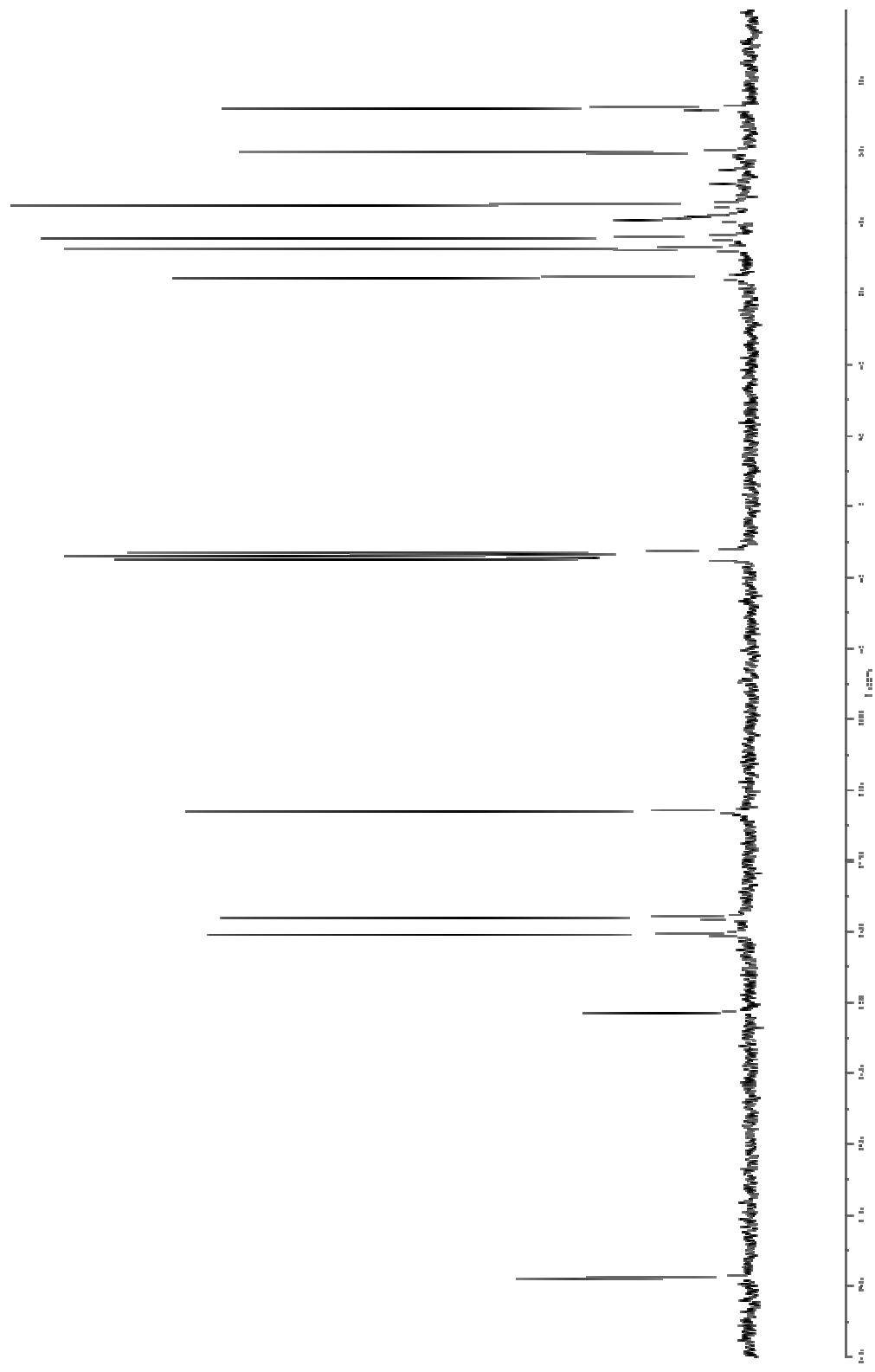


S4 ^{13}C NMR spectrum of **1** (300 MHz, CDCl_3)

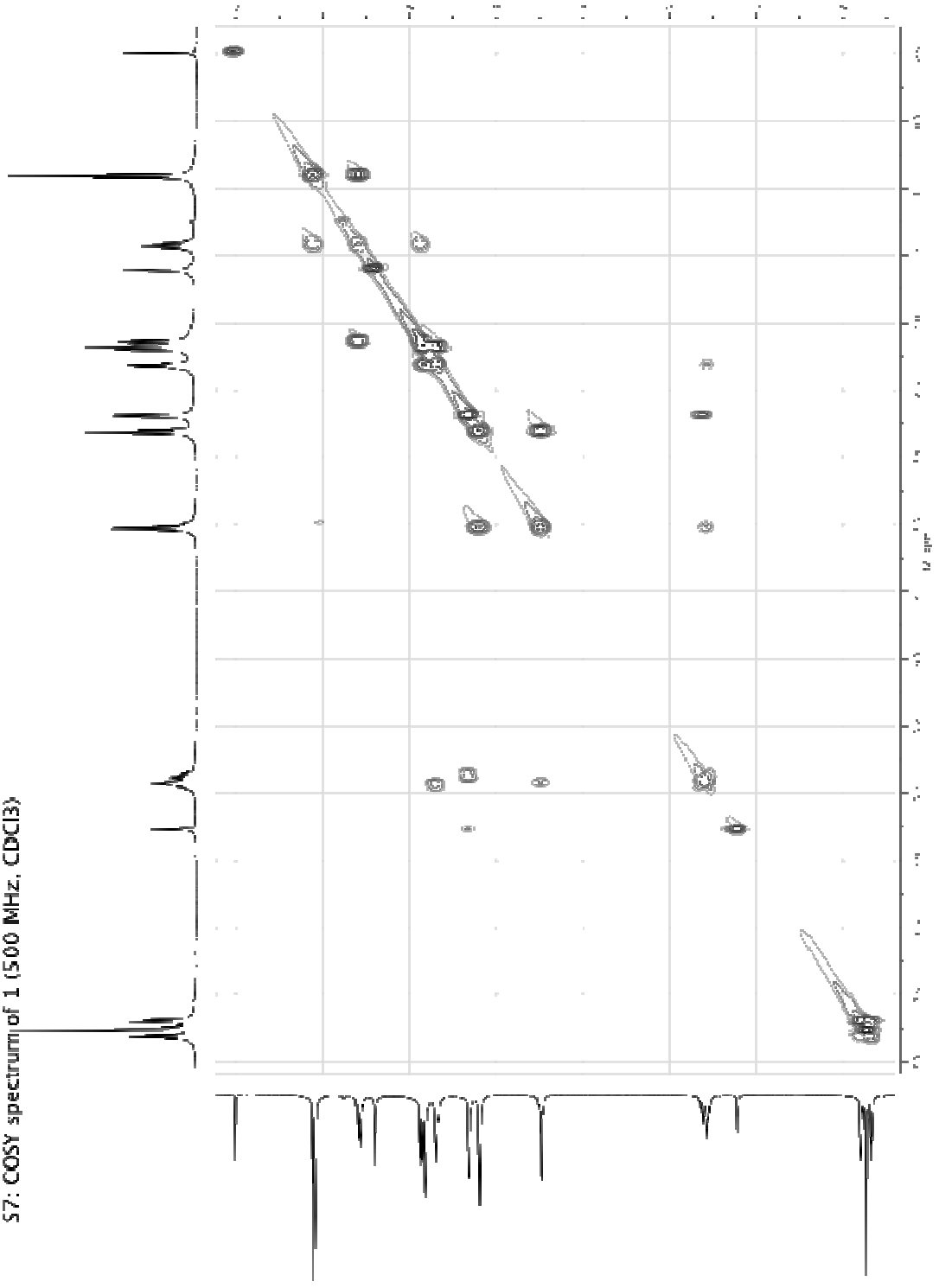




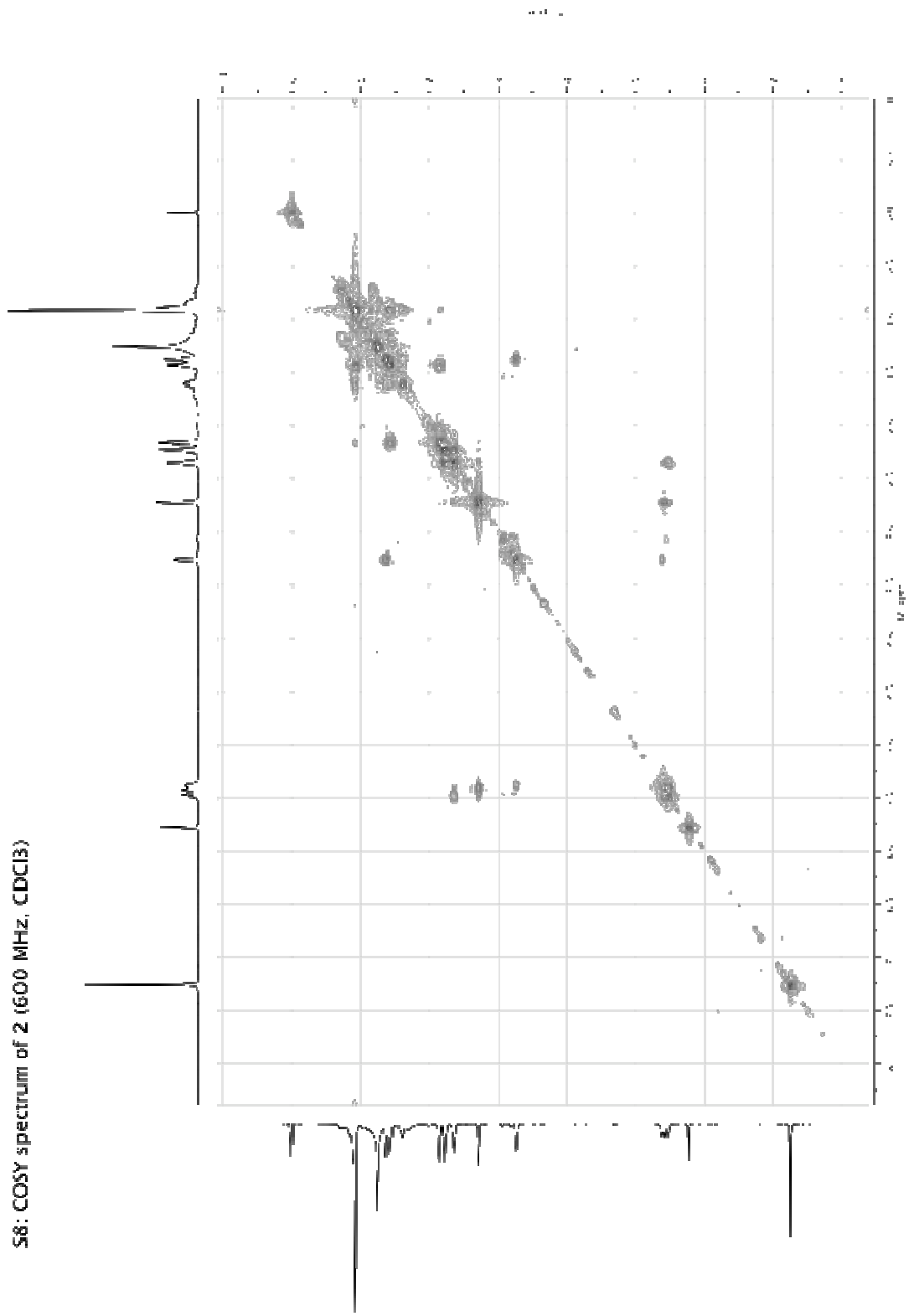
S6: ^{13}C NMR spectrum of **3** (300 MHz, CDCl_3)



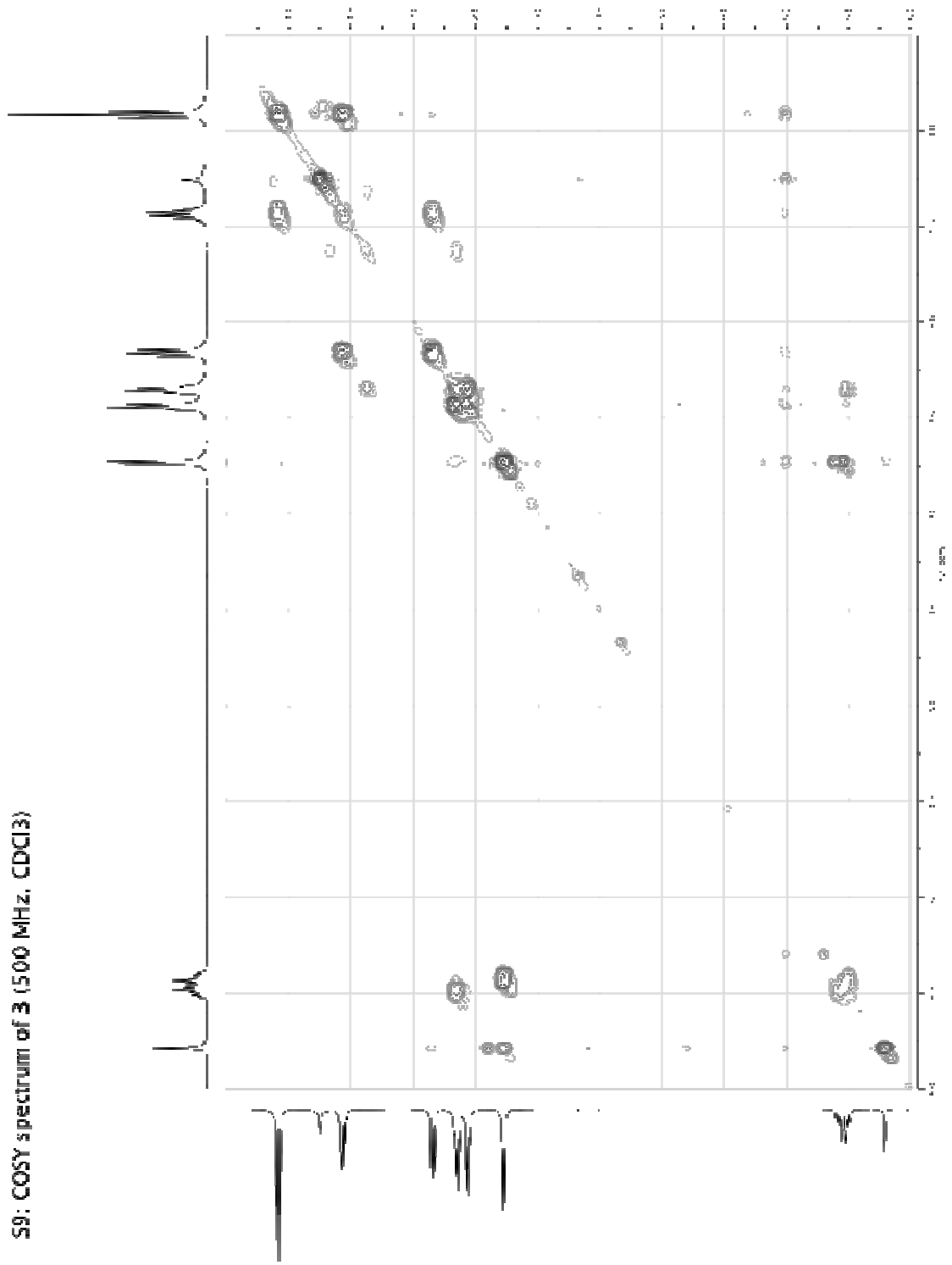
S7: COSY spectrum of 1 (500 MHz, CDCl₃)



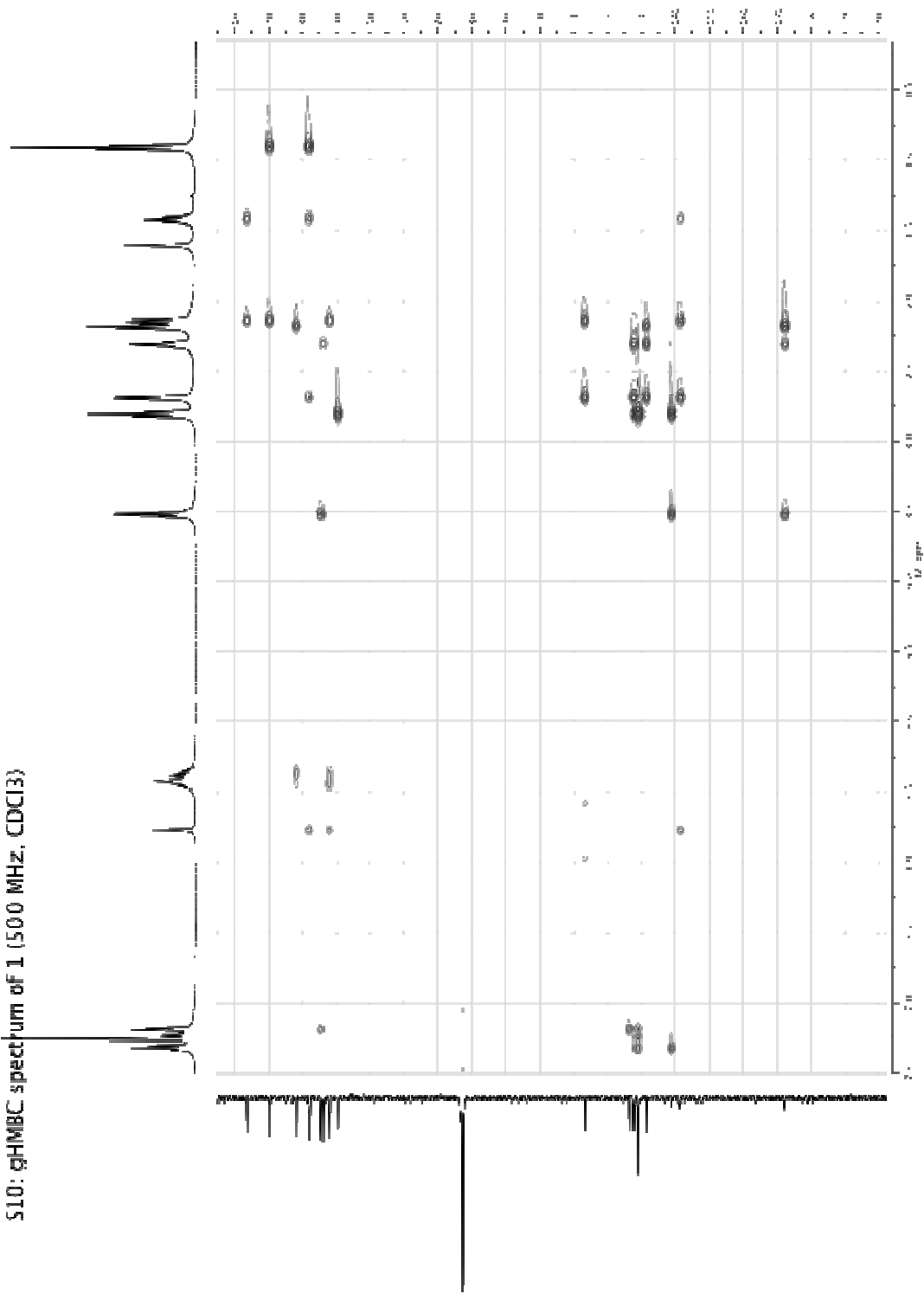
S8: COSY spectrum of 2 (600 MHz, CDCl₃)



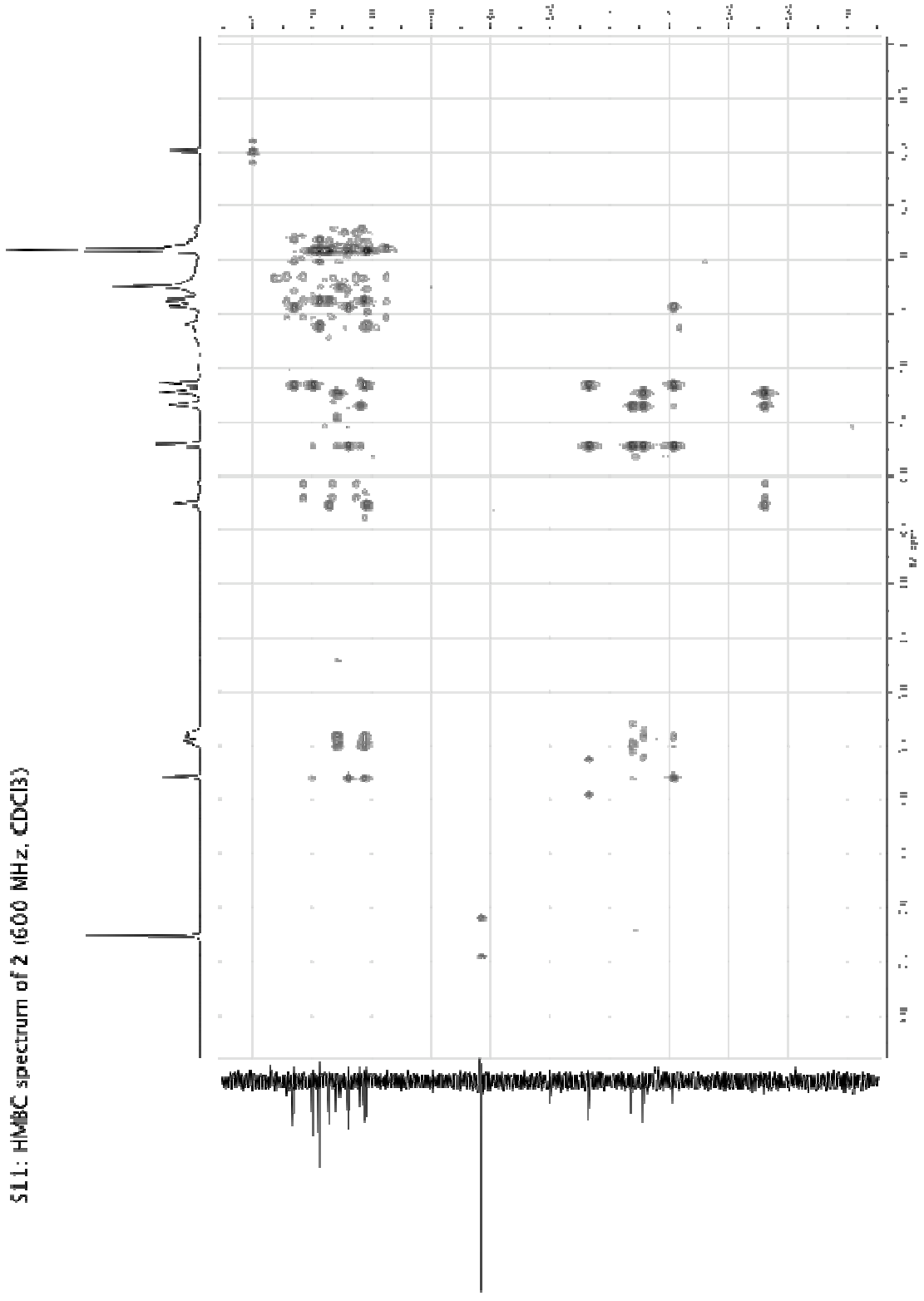
S9: COSY spectrum of **3** (500 MHz, CDCl₃)



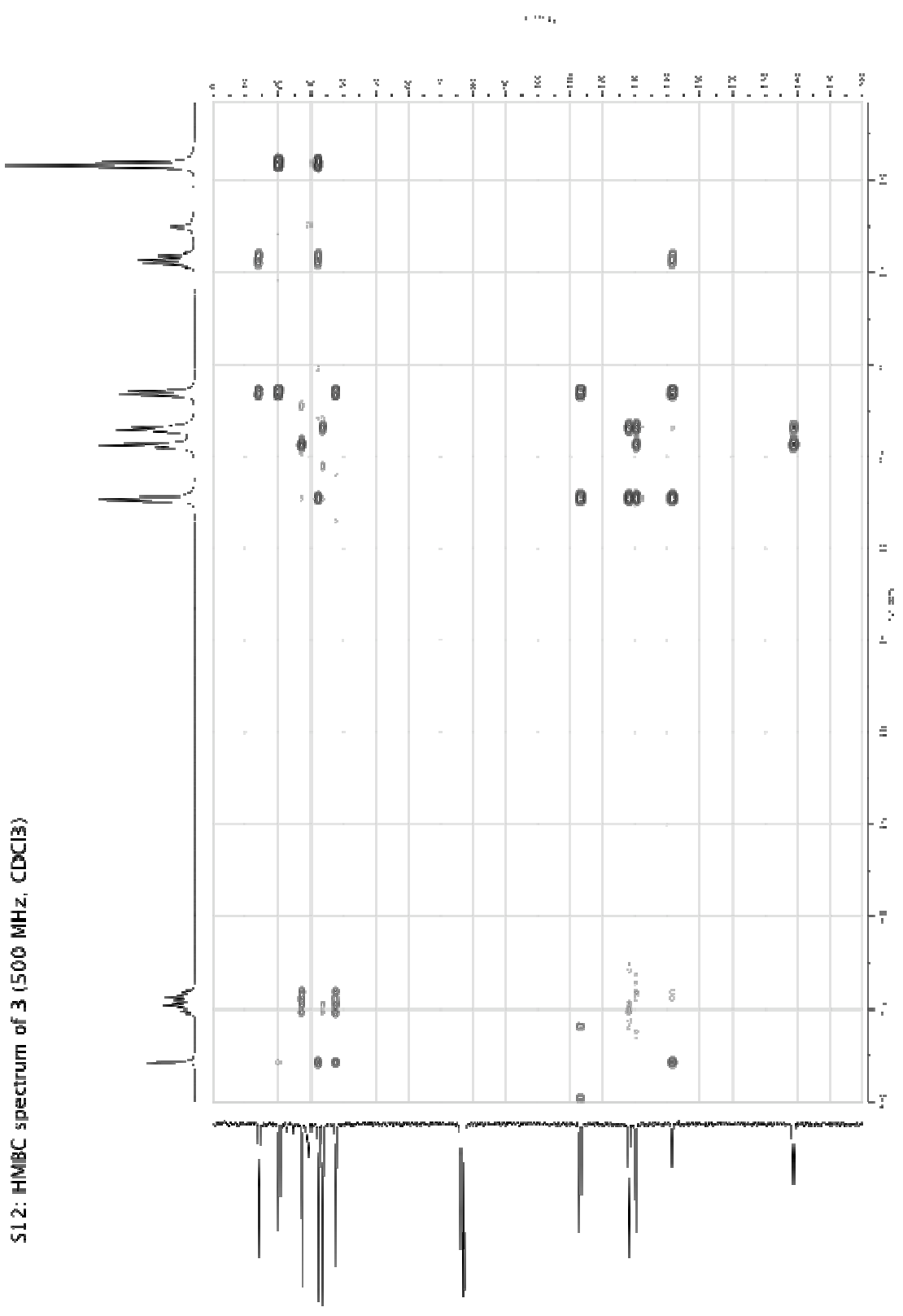
S10: gHMBC spectrum of 1 (500 MHz, CDCl₃)



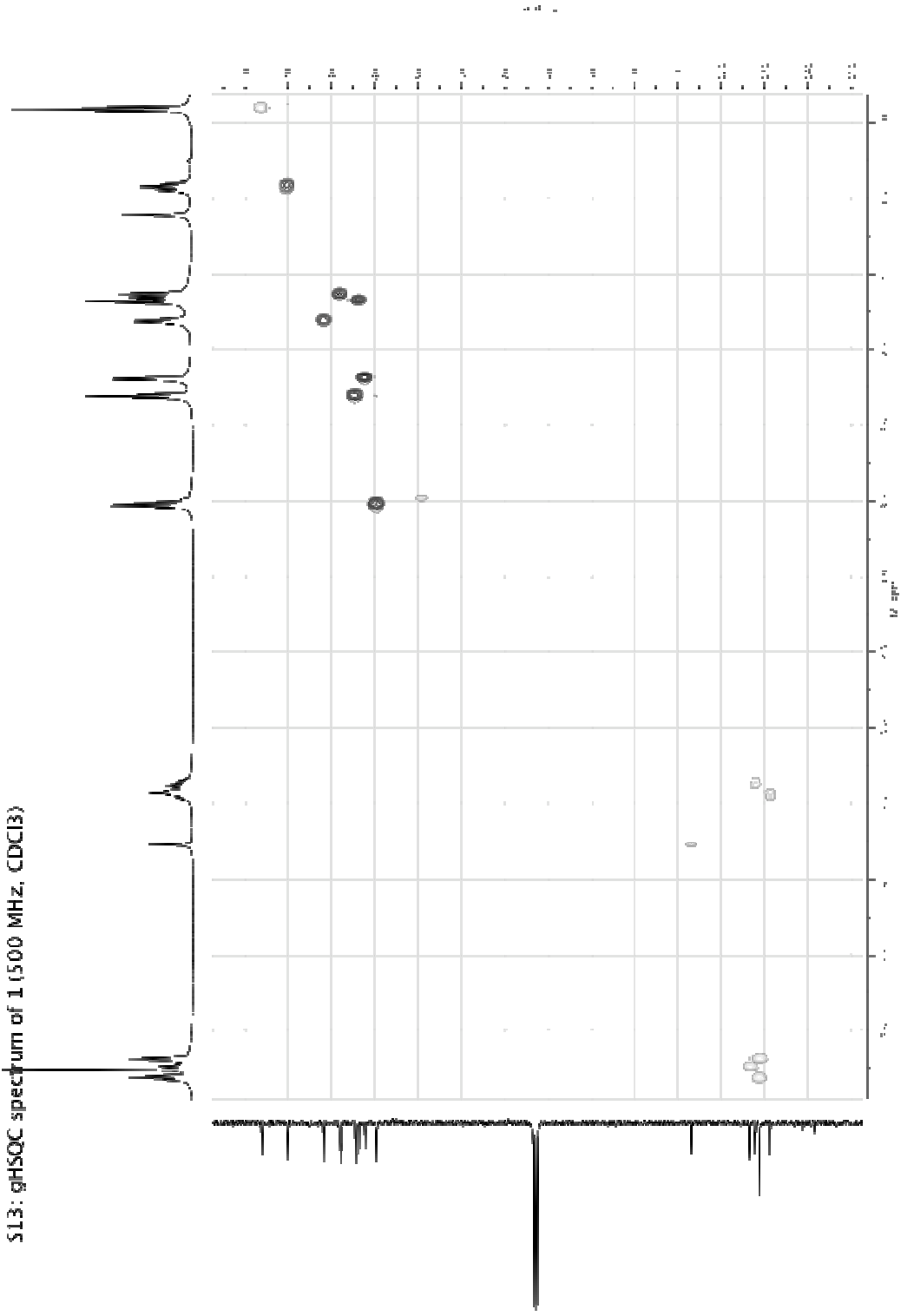
S11: HMBC spectrum of 2 (600 MHz, CDCl₃)



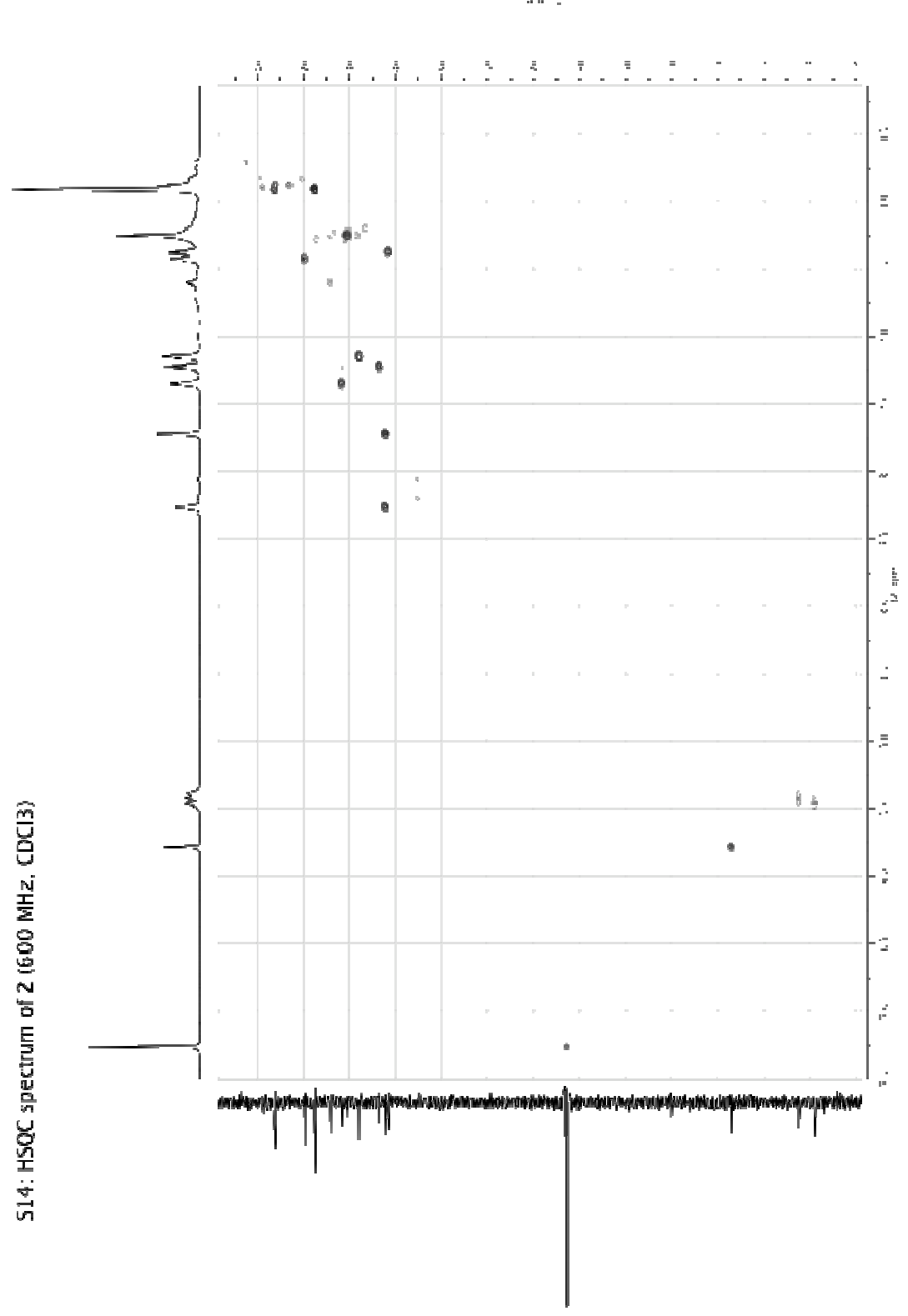
S12: HMBC spectrum of 3 (500 MHz, CDCl₃)



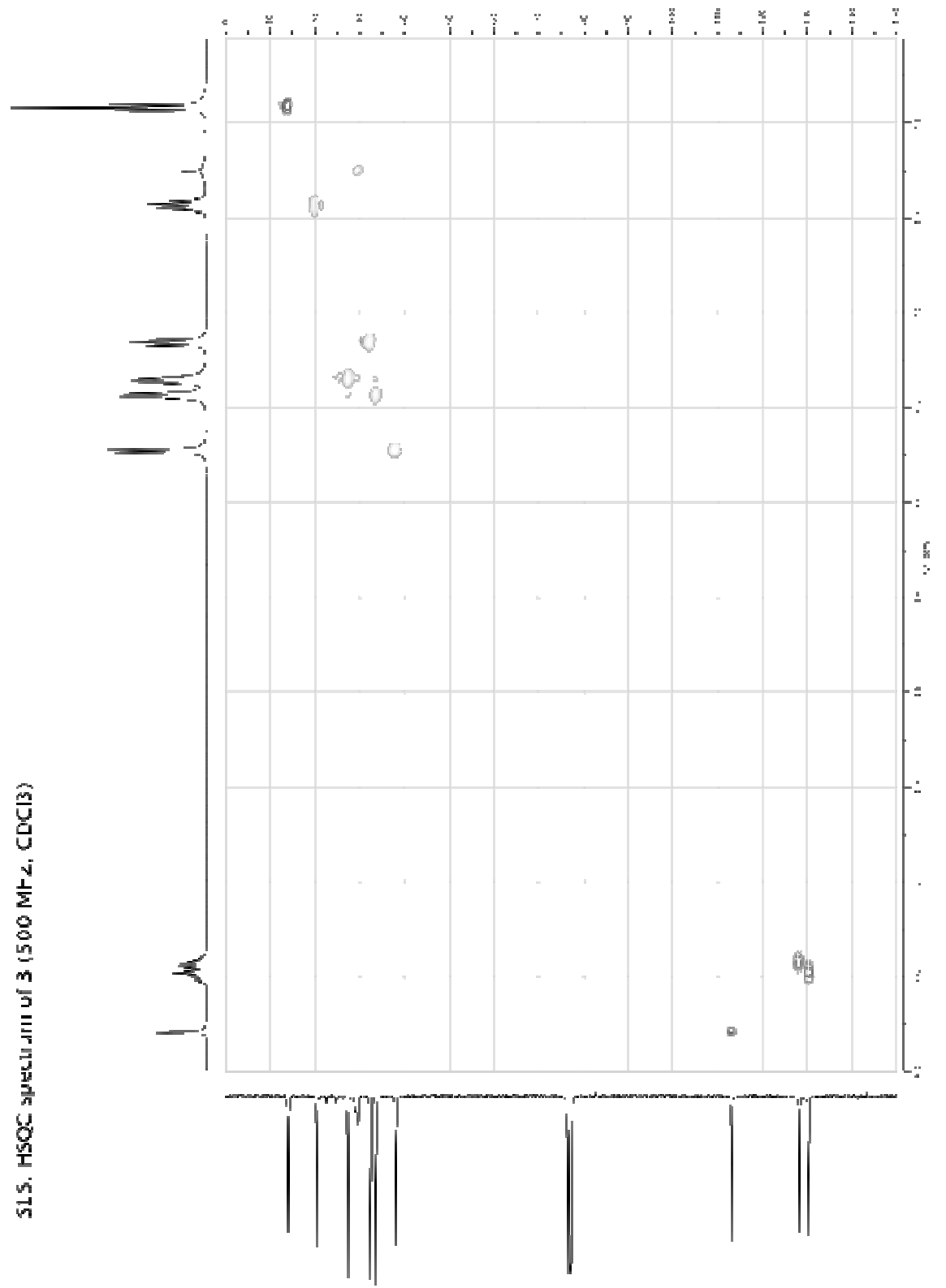
S13: gHSQC spectrum of 1 (500 MHz, CDCl₃)



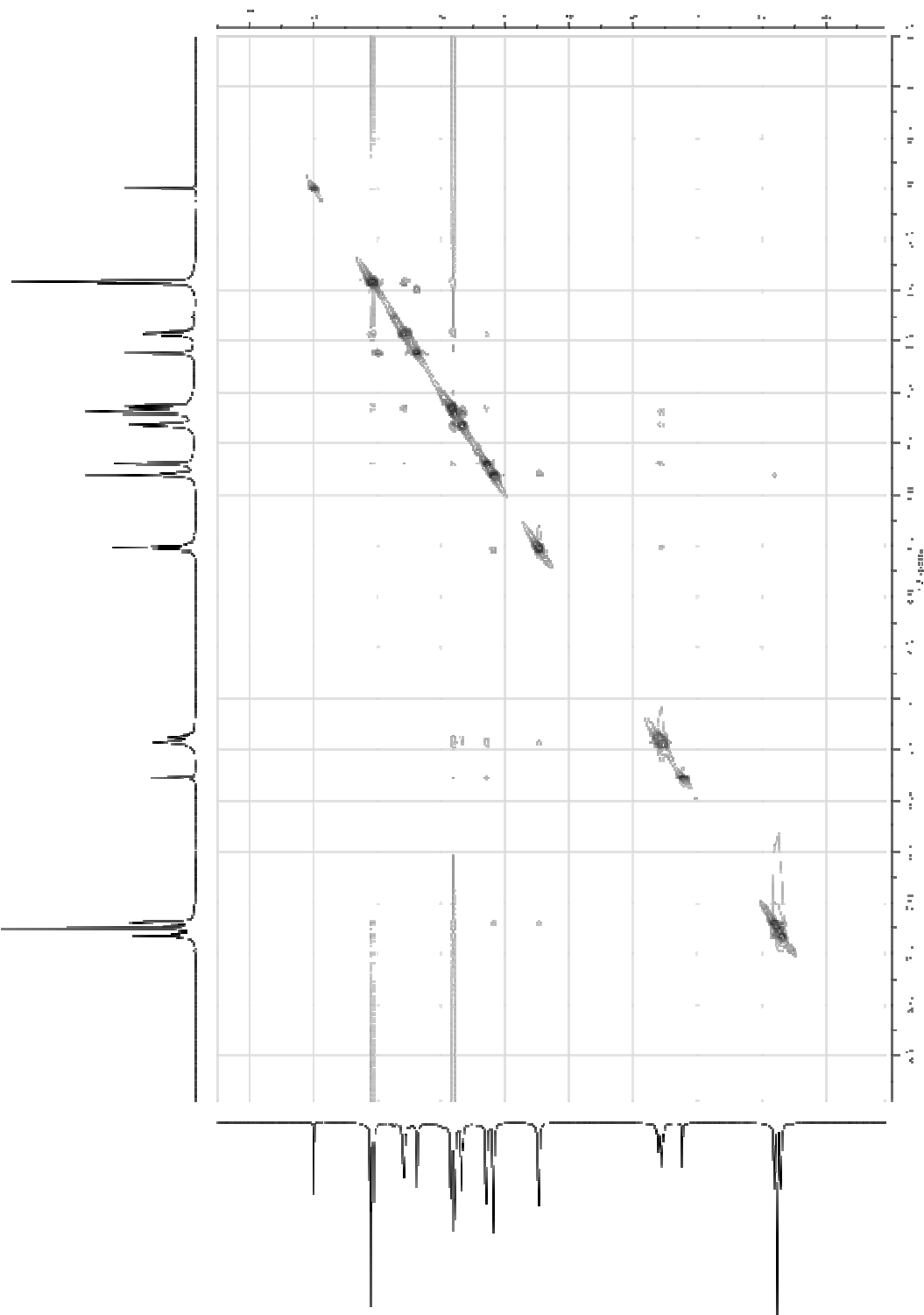
S14: HSQC spectrum of 2 (600 MHz, CDCl₃)



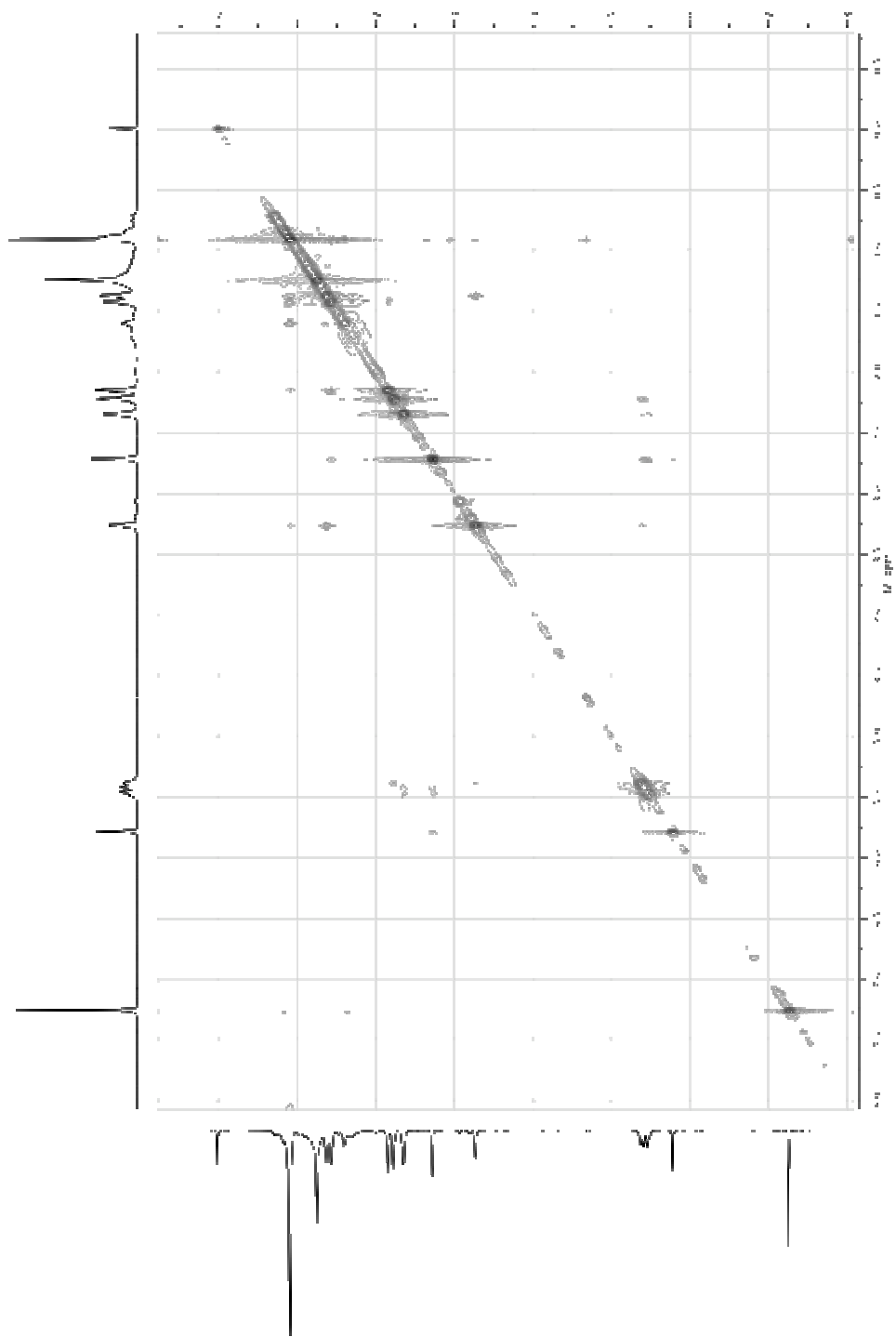
SLS. HSQC spectrum of **3** (500 MHz, CDCl₃)



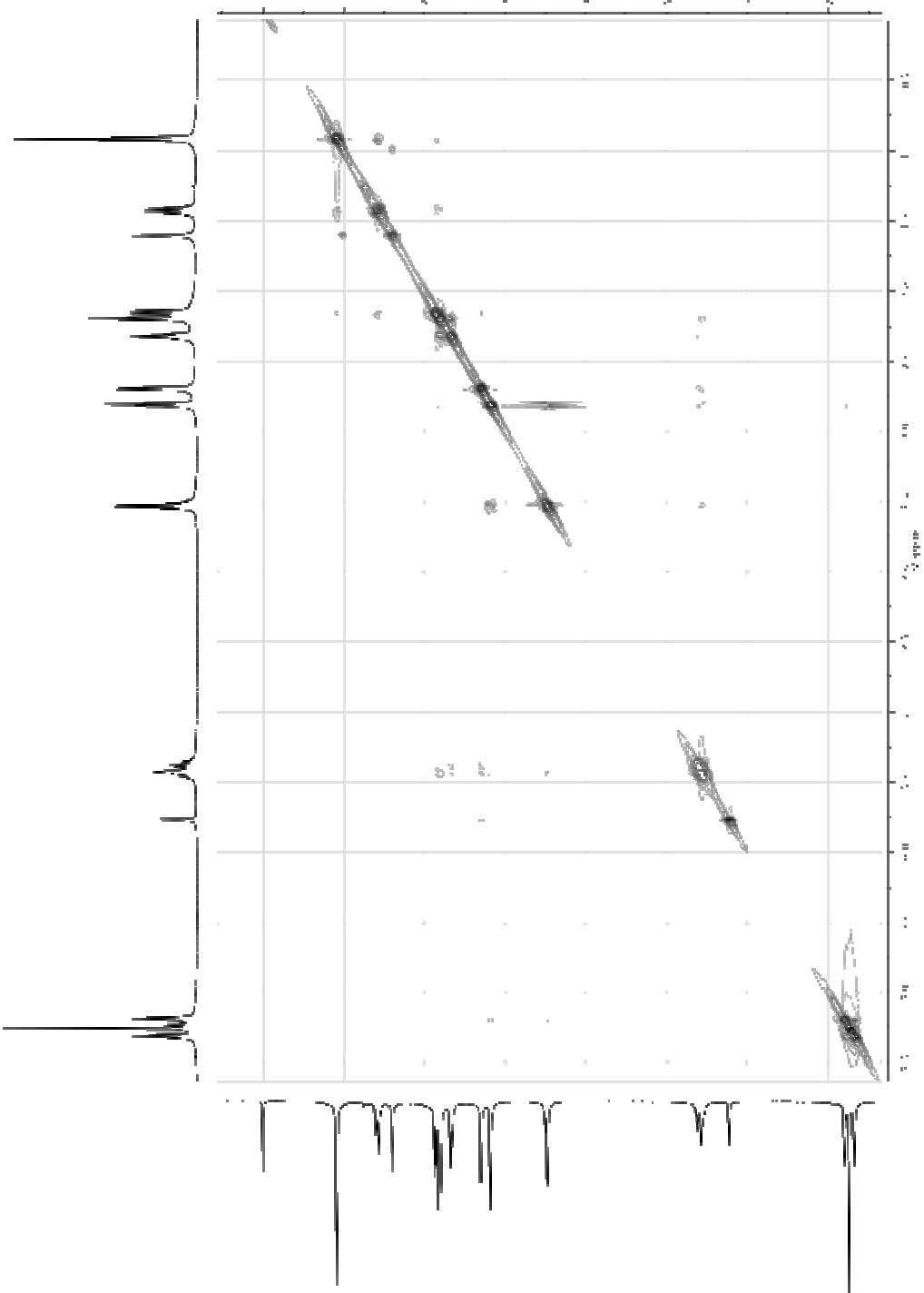
S16: NOESY spectrum of 1 (500 MHz, CDCl₃)



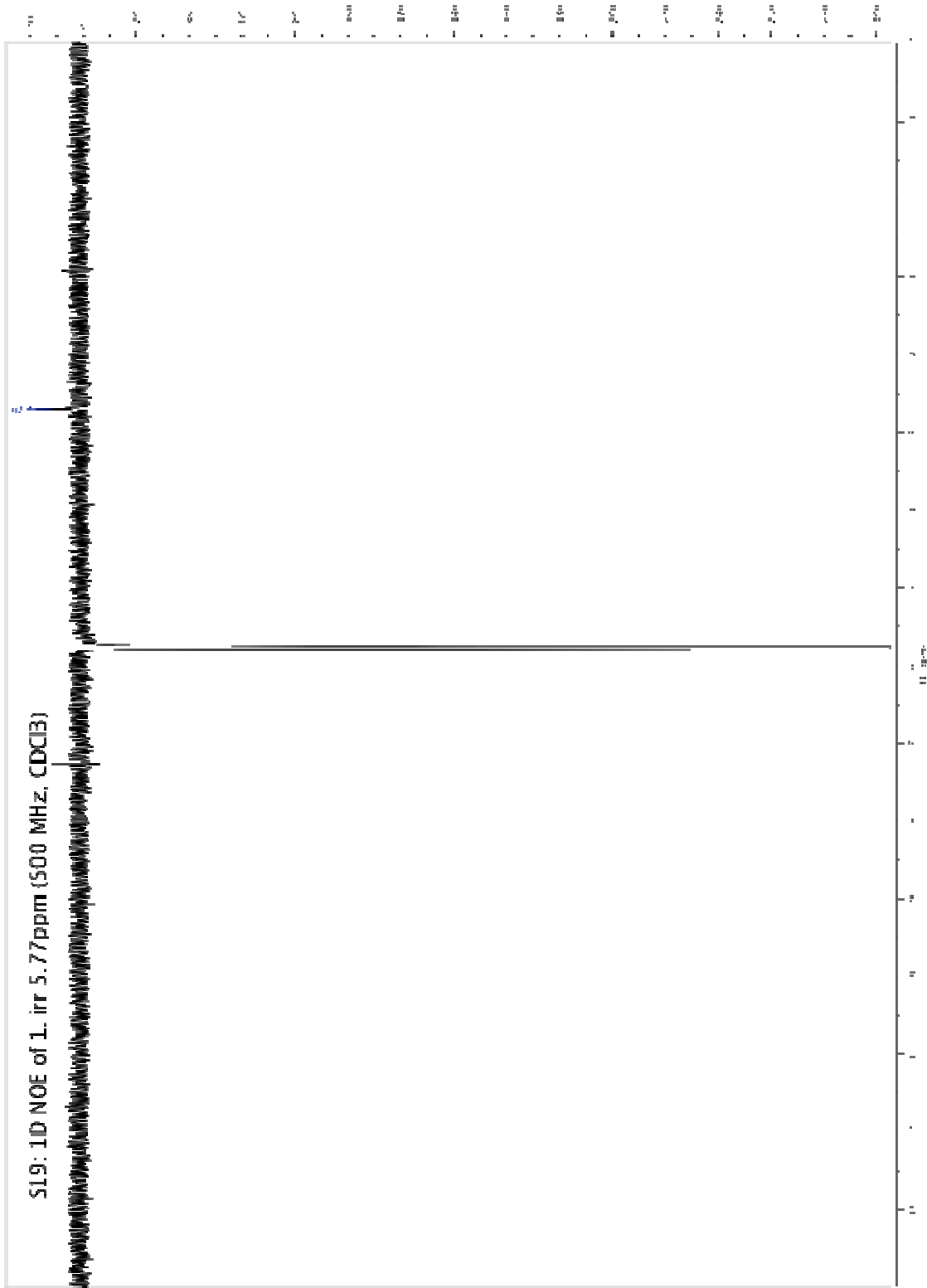
S17: NOESY spectrum of 2 (600 MHz, CDCl₃)



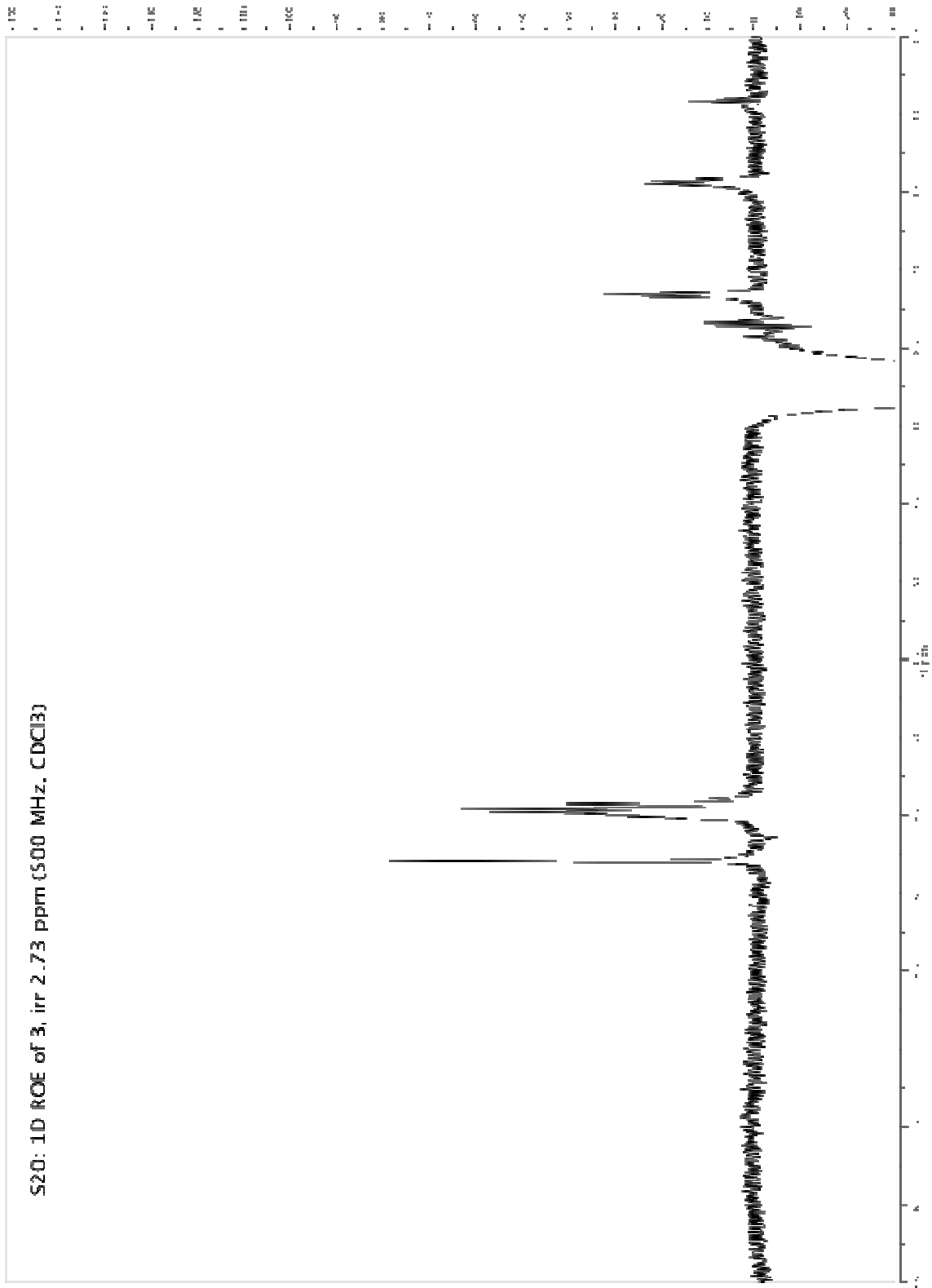
S18: ROESY spectrum of 1 (500 MHz, CDCl₃)



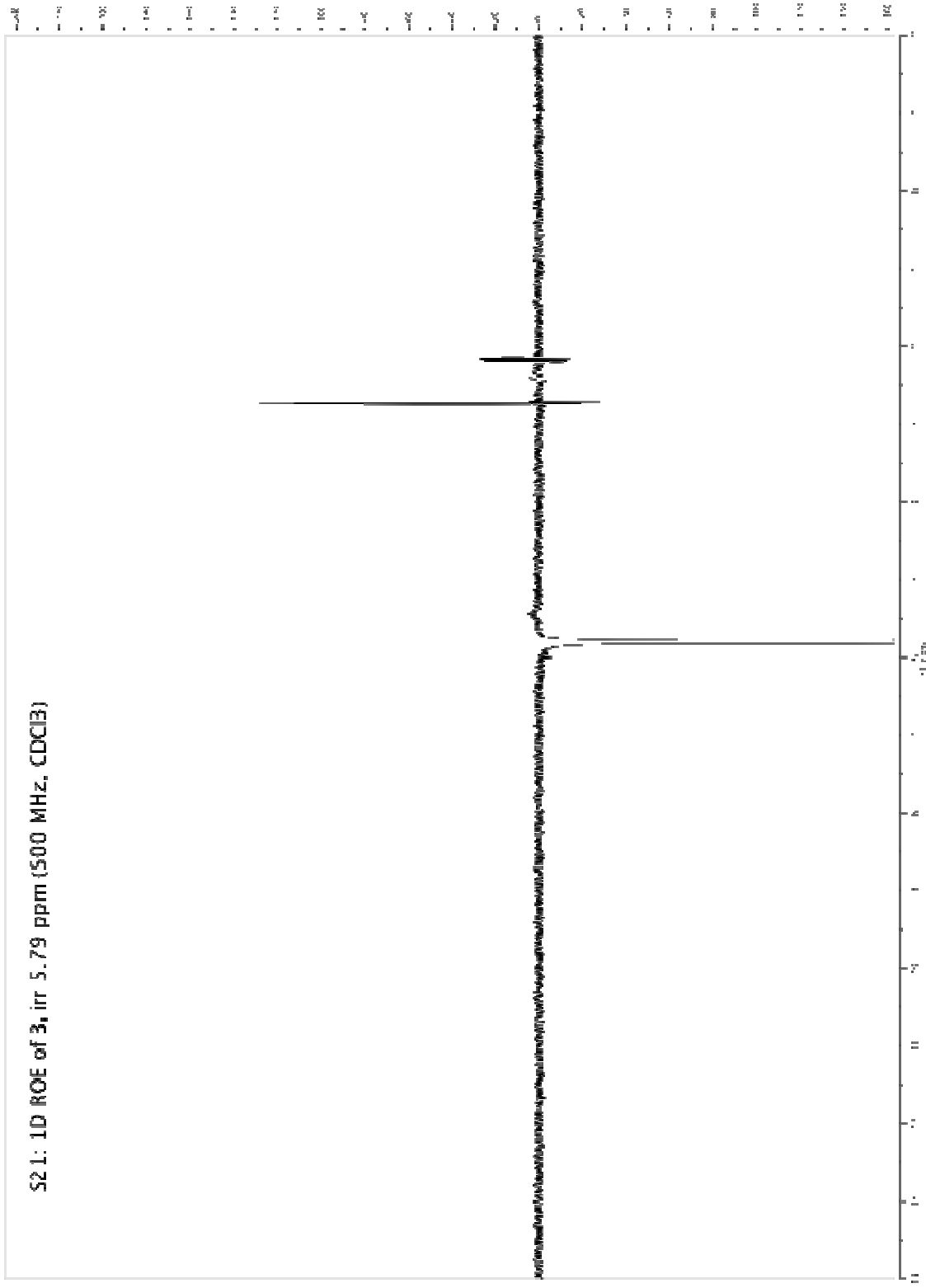
S19: 1D NOE of 1. irr 5.77 ppm (500 MHz, CDCl3)



S20: 1D ROE of 3, irr 2.73 ppm (S00 MHz, CDCl3)



S2 1: 1D ROE of 3, in 5.79 ppm (500 MHz, CDCl3)



S22: 1D ROE of 3, irr 2.17 ppm (500 MHz, CDCl3)

