



Supporting Information

for

New terpenoids from the fermentation broth of the edible mushroom *Cyclocybe aegerita*

Frank Surup, Florian Hennicke, Nadine Sella, Maria Stroot, Steffen Bernecker, Sebastian Pfütze, Marc Stadler and Martin Rühl

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^1H and ^{13}C NMR spectra of compound 1 and ^1H , ^{13}C , COSY, ROESY, HSQC and HMBC NMR spectra of compounds 2–4

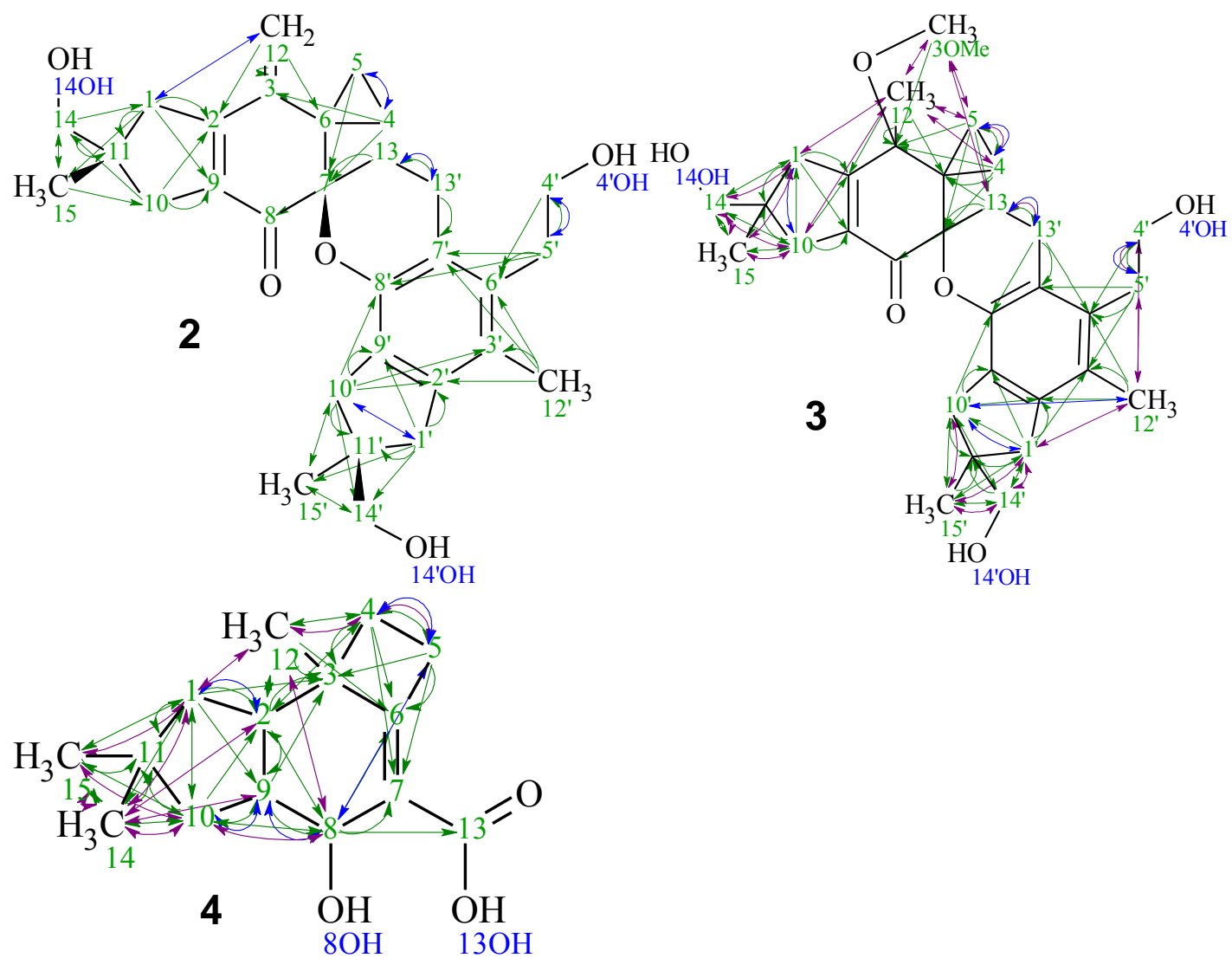


Figure S1. COSY (blue arrows), HMBC (green arrows) and ROESY (violet arrows) correlations indicating the structures of **2–4**.

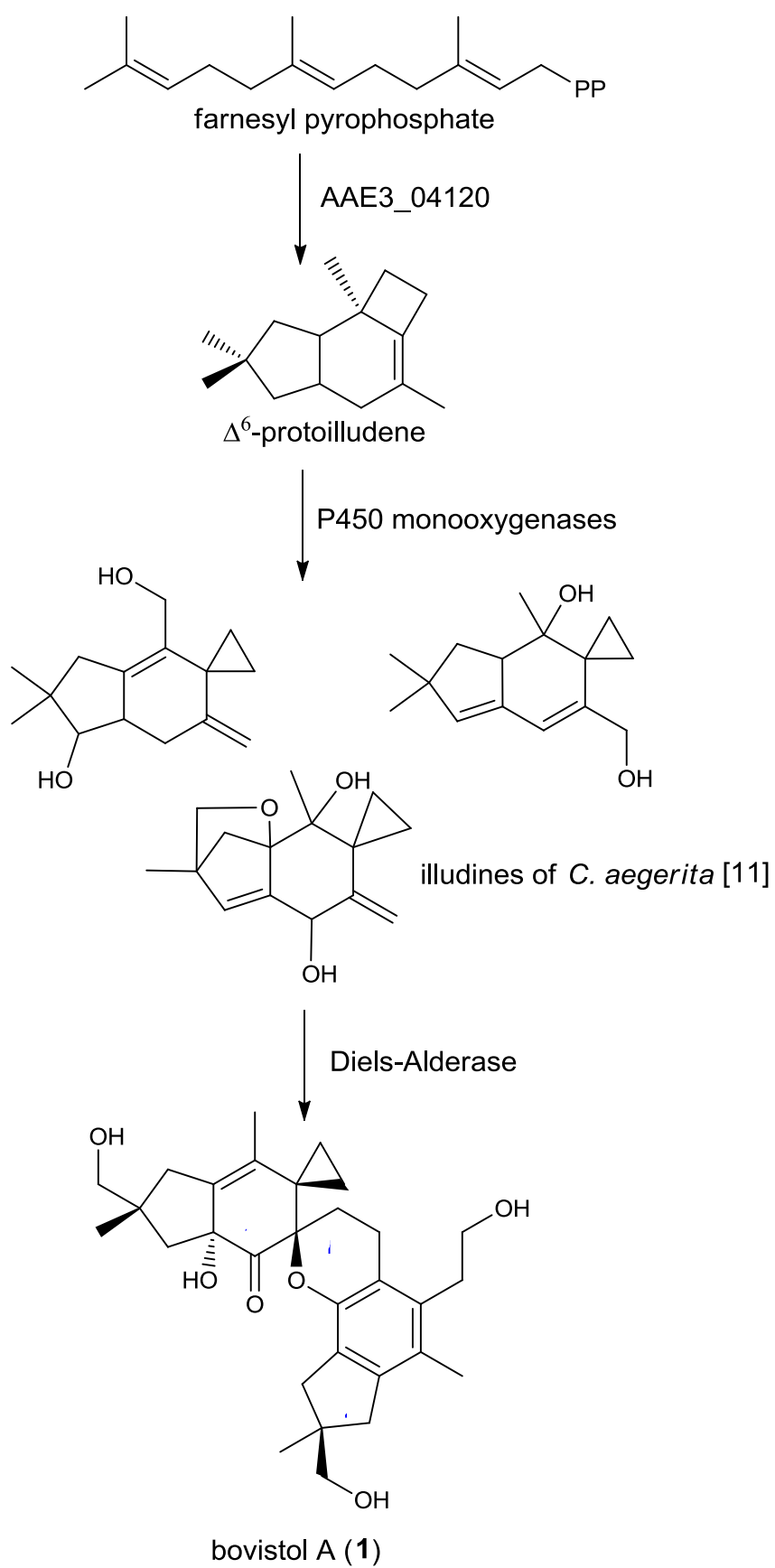
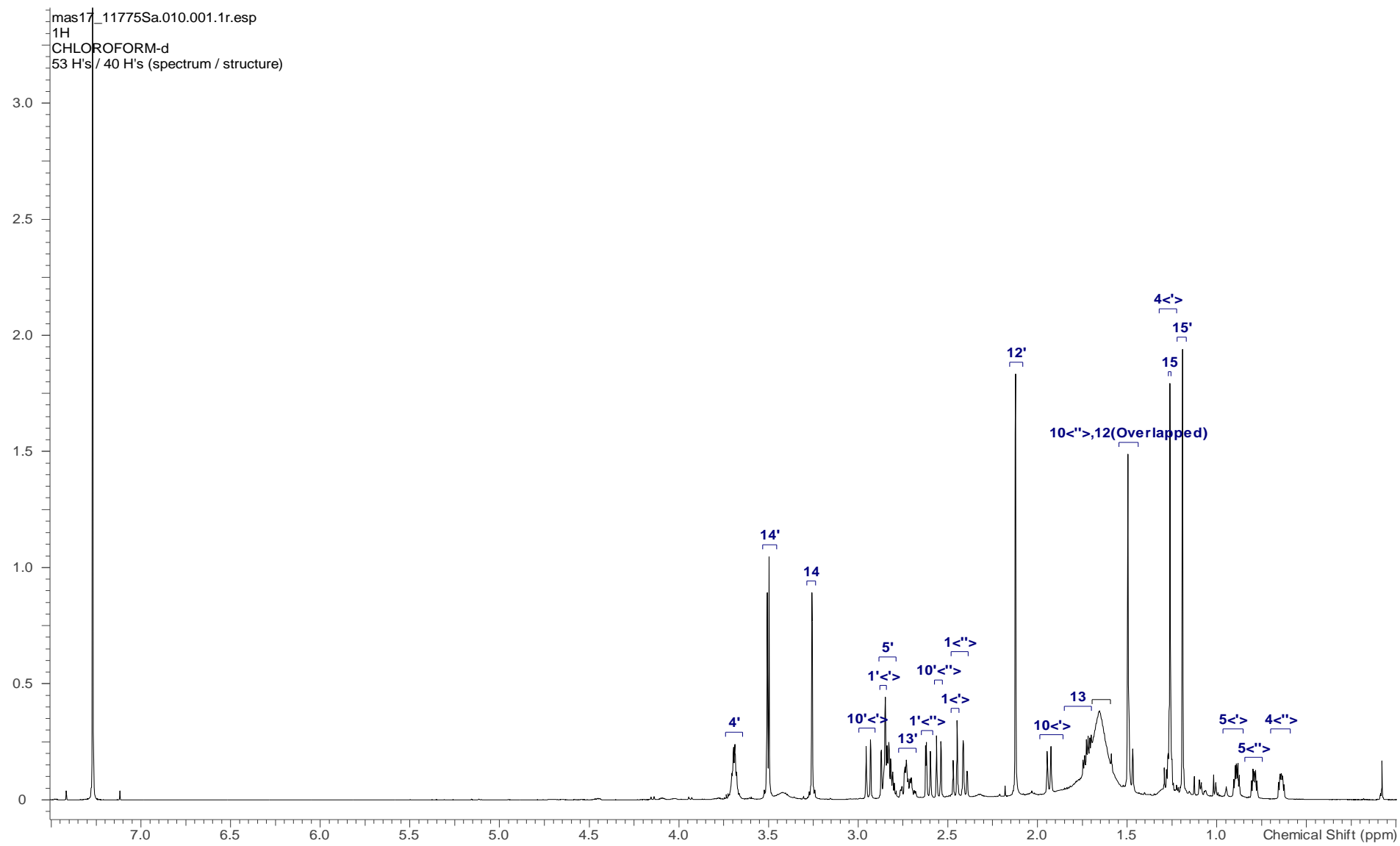
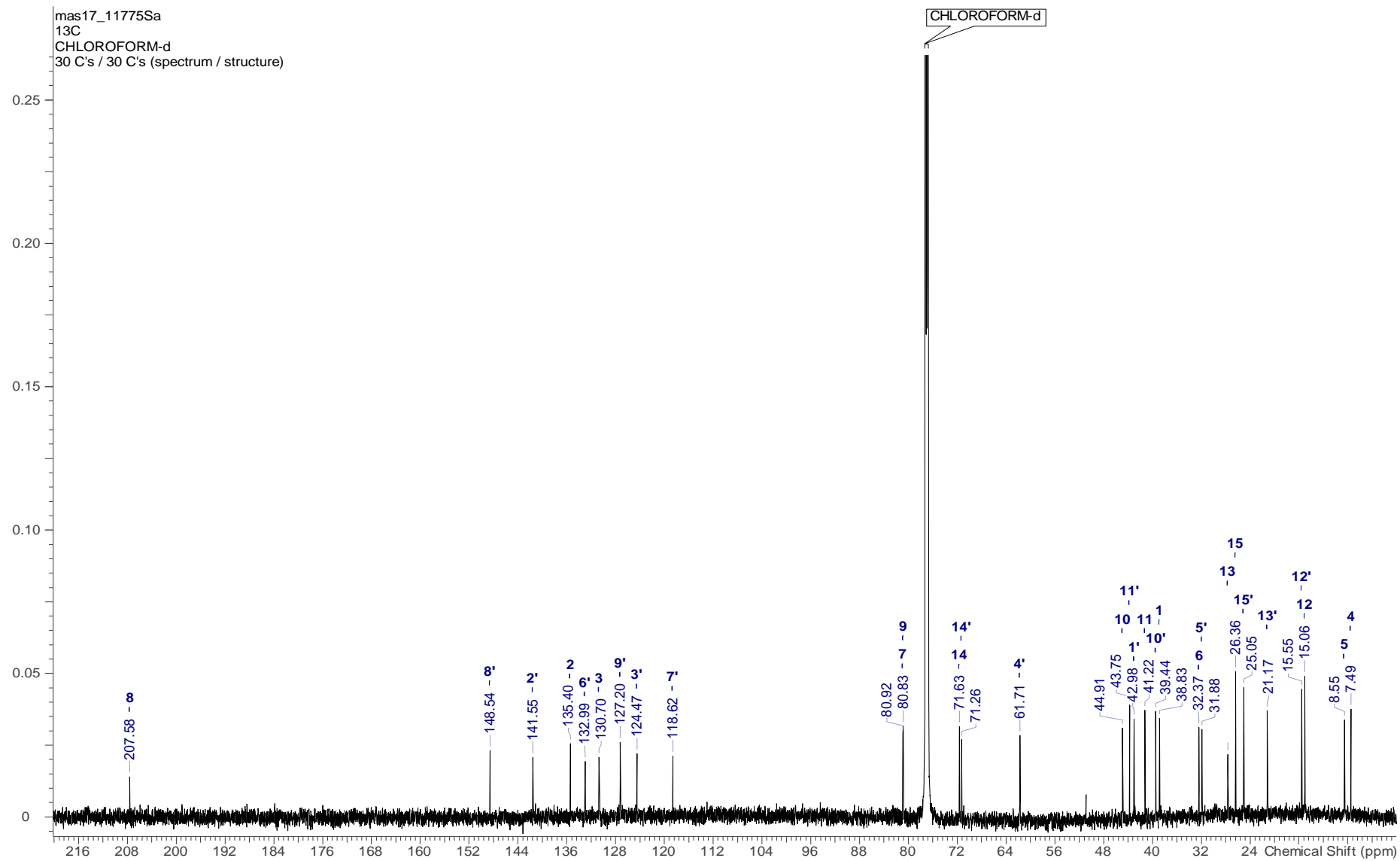


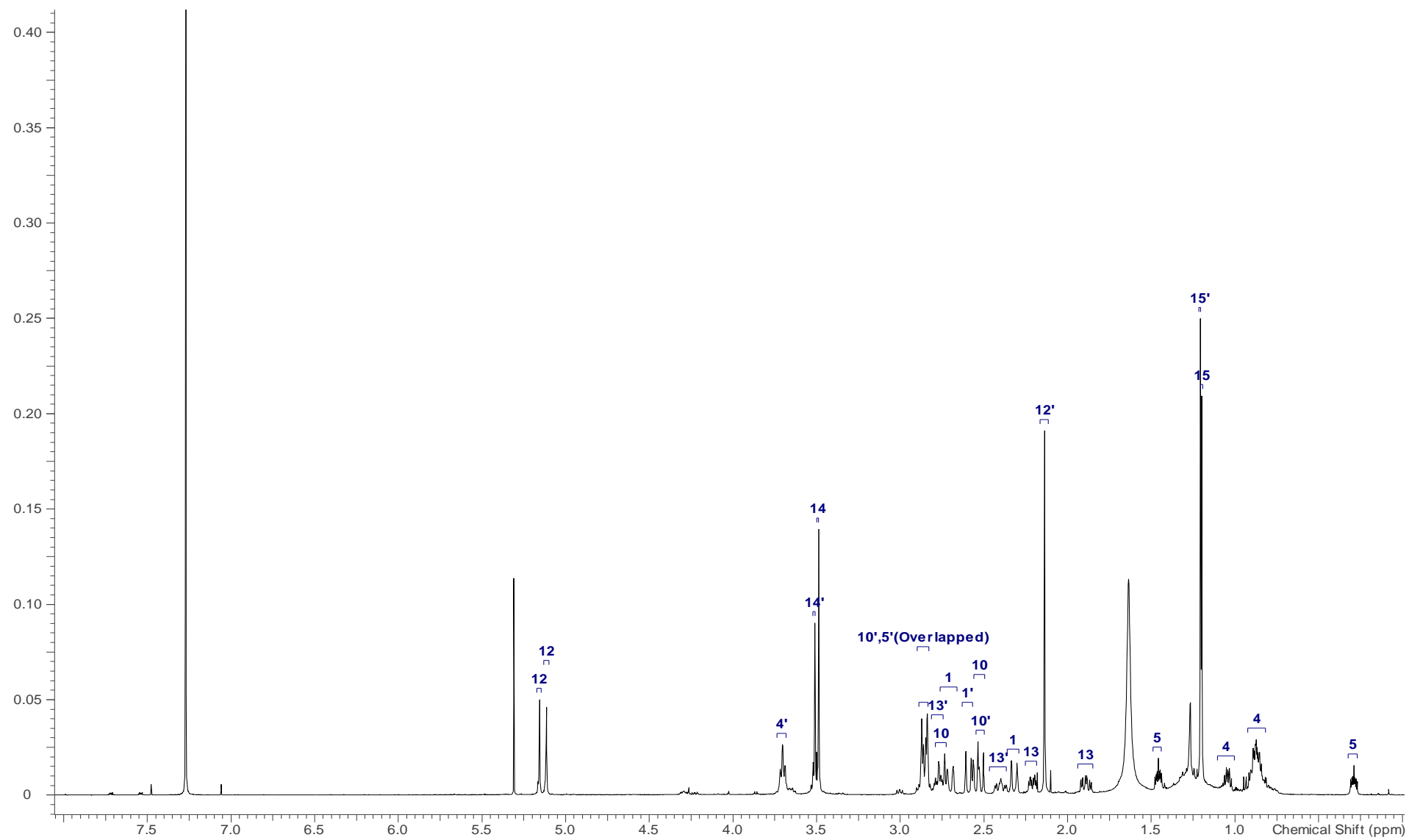
Figure S2. Proposed pathway for production of **1** in *C. aegerita*.



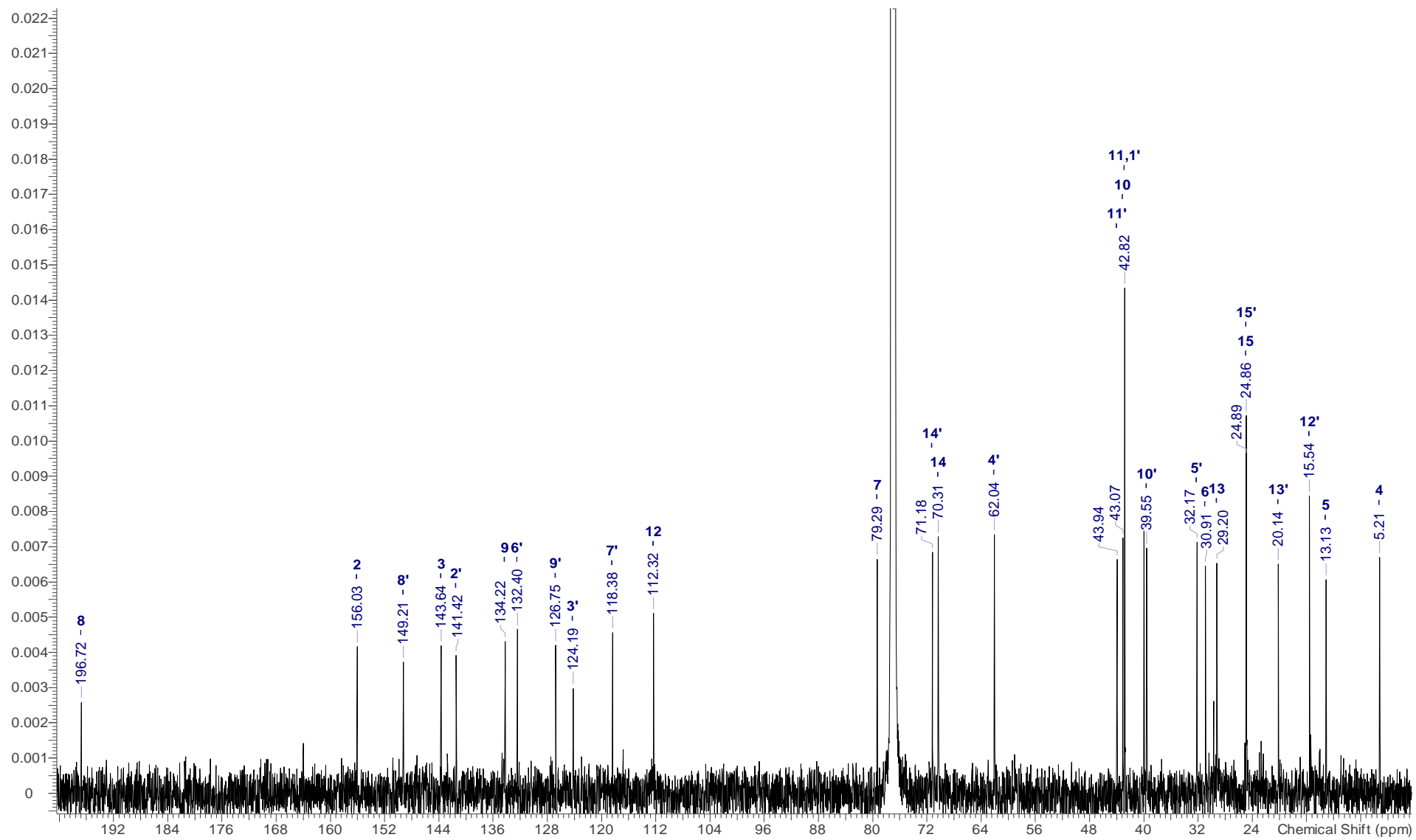
^1H NMR spectrum of **1** (700 MHz, CDCl_3).



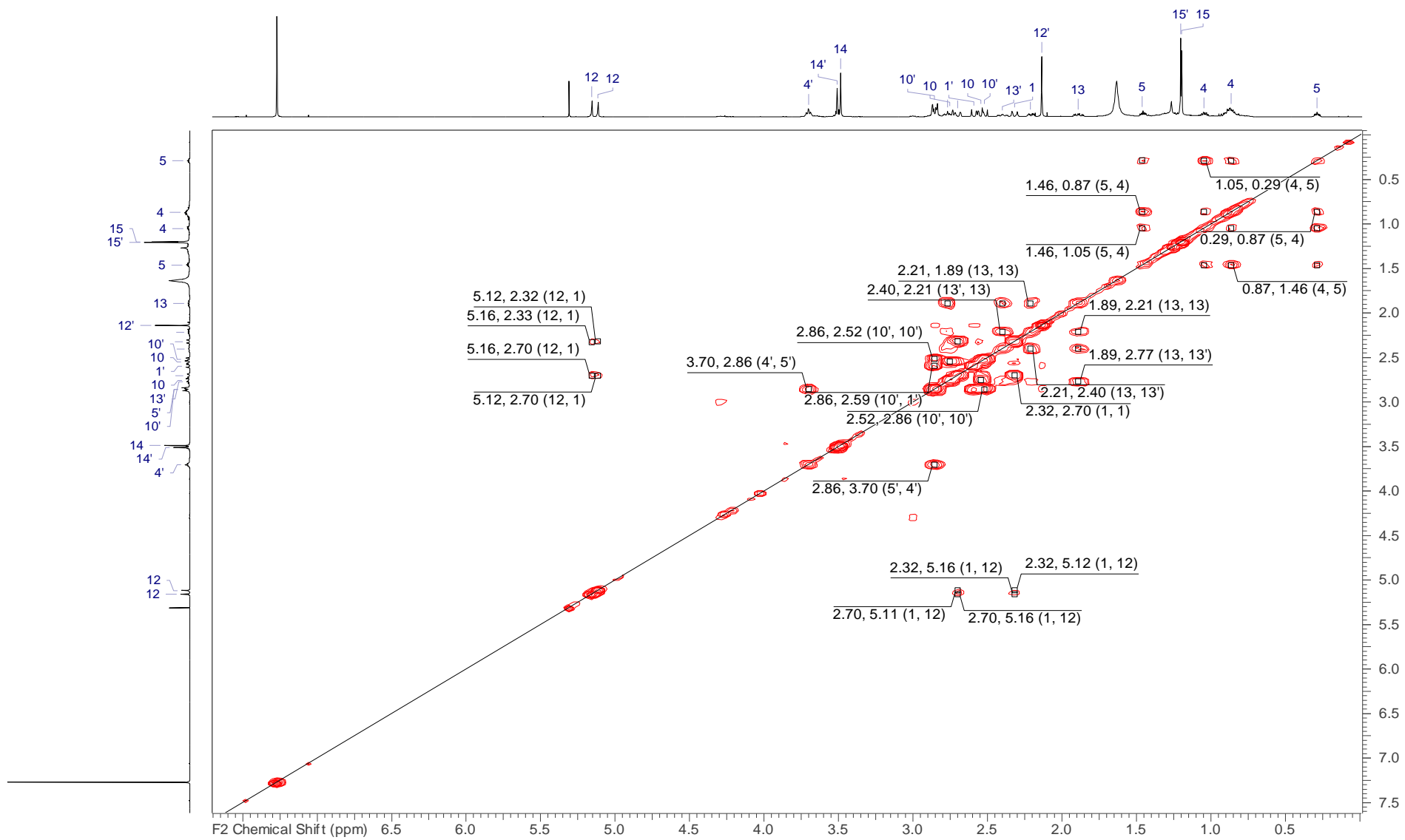
¹³C NMR spectrum of **1** (175 MHz, CDCl₃).



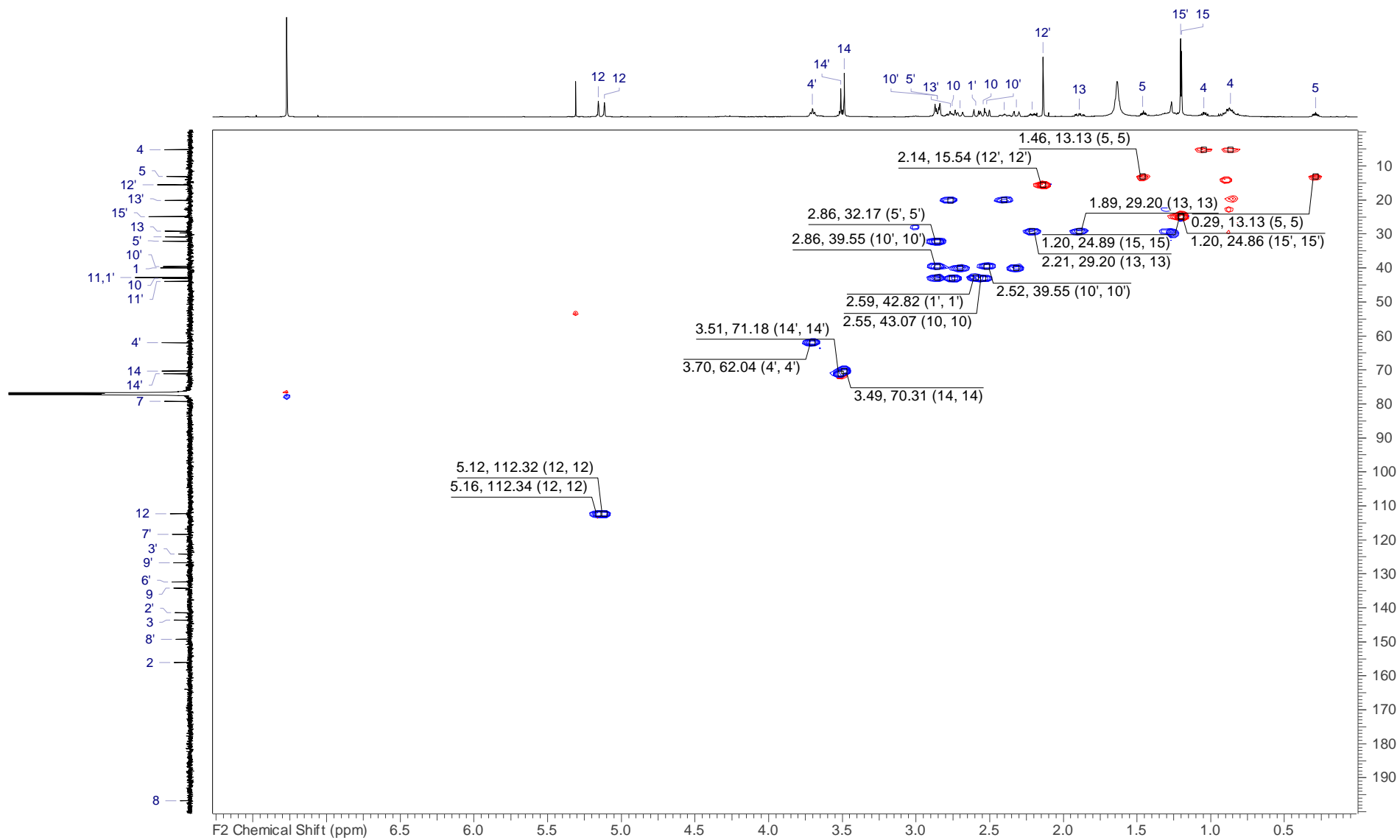
^1H NMR spectrum of **2** (700 MHz, CDCl_3).



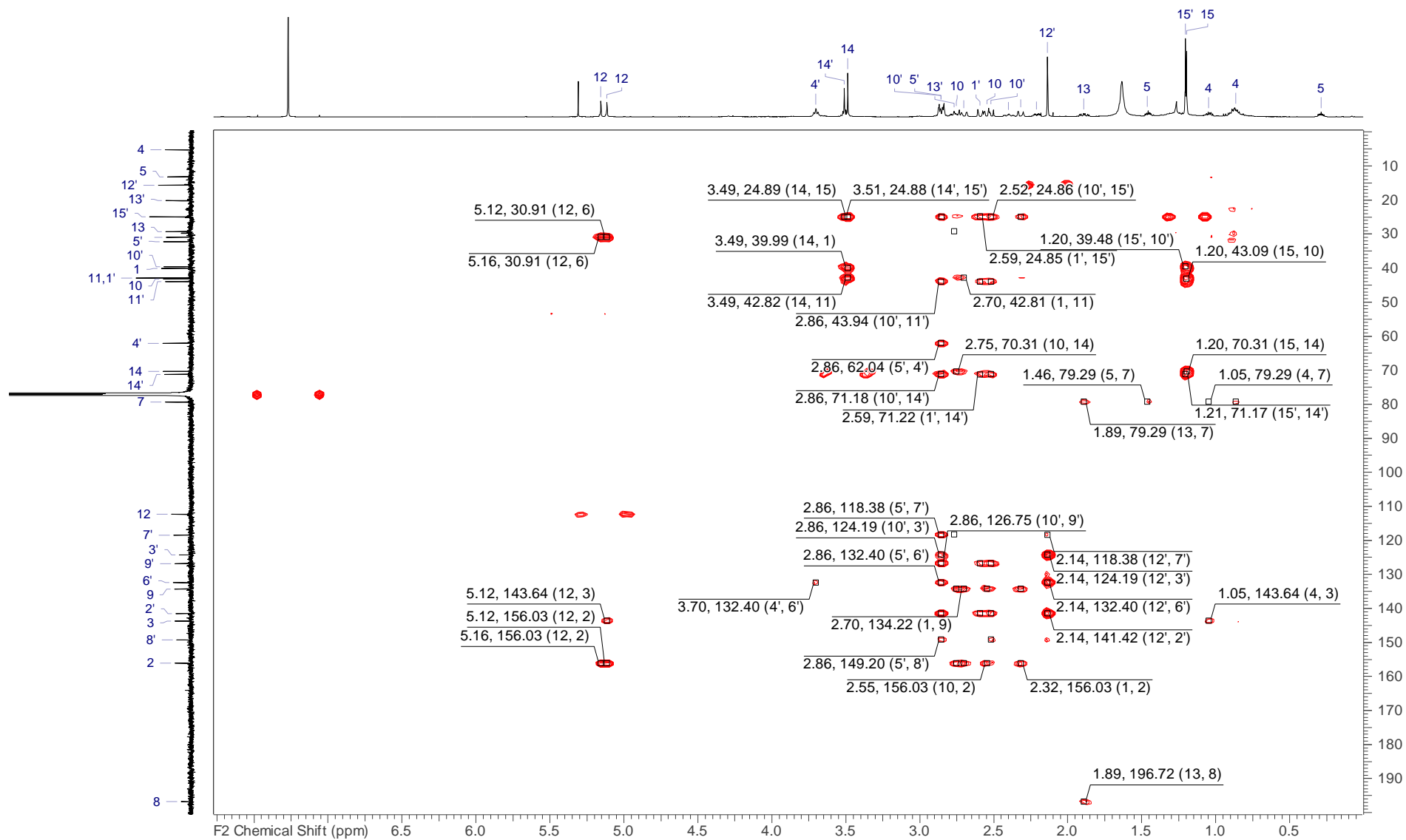
^{13}C NMR spectrum of **2** (175 MHz, CDCl_3).



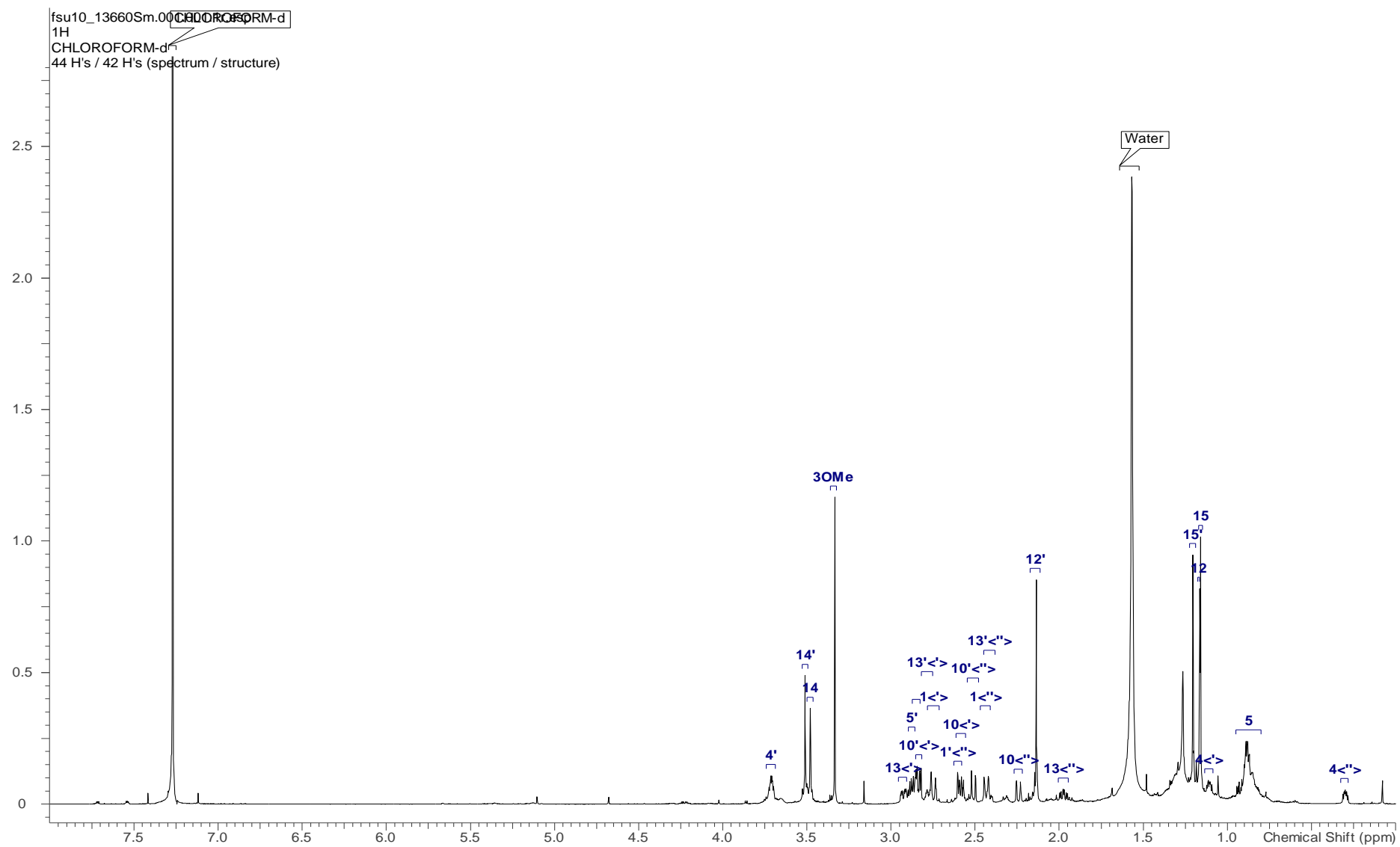
COSY NMR spectrum of **2** (700 MHz, CDCl₃).



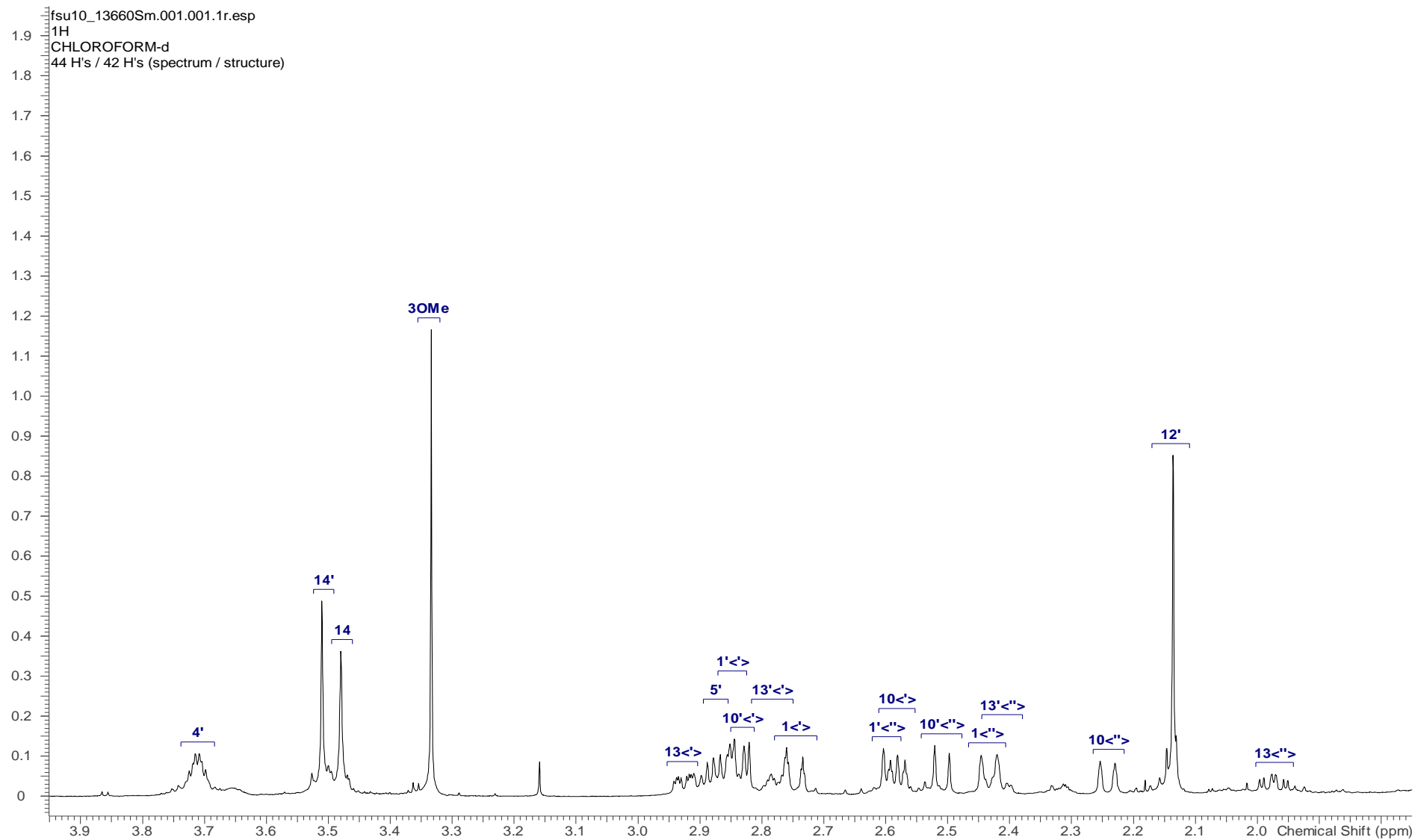
HSQC NMR spectrum of **2** (700 MHz, CDCl₃).



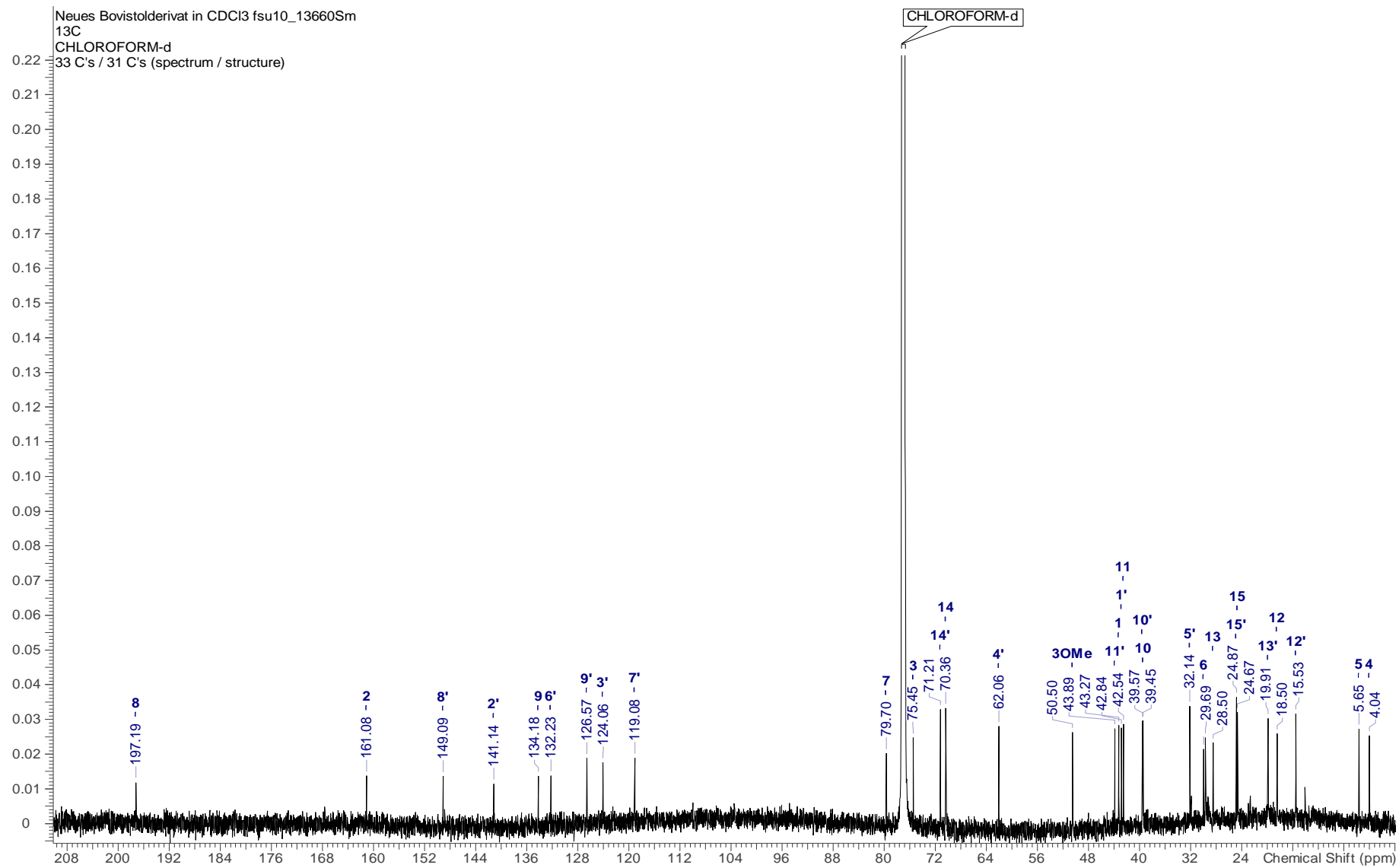
HMBC NMR spectrum of **2** (700 MHz, CDCl_3).



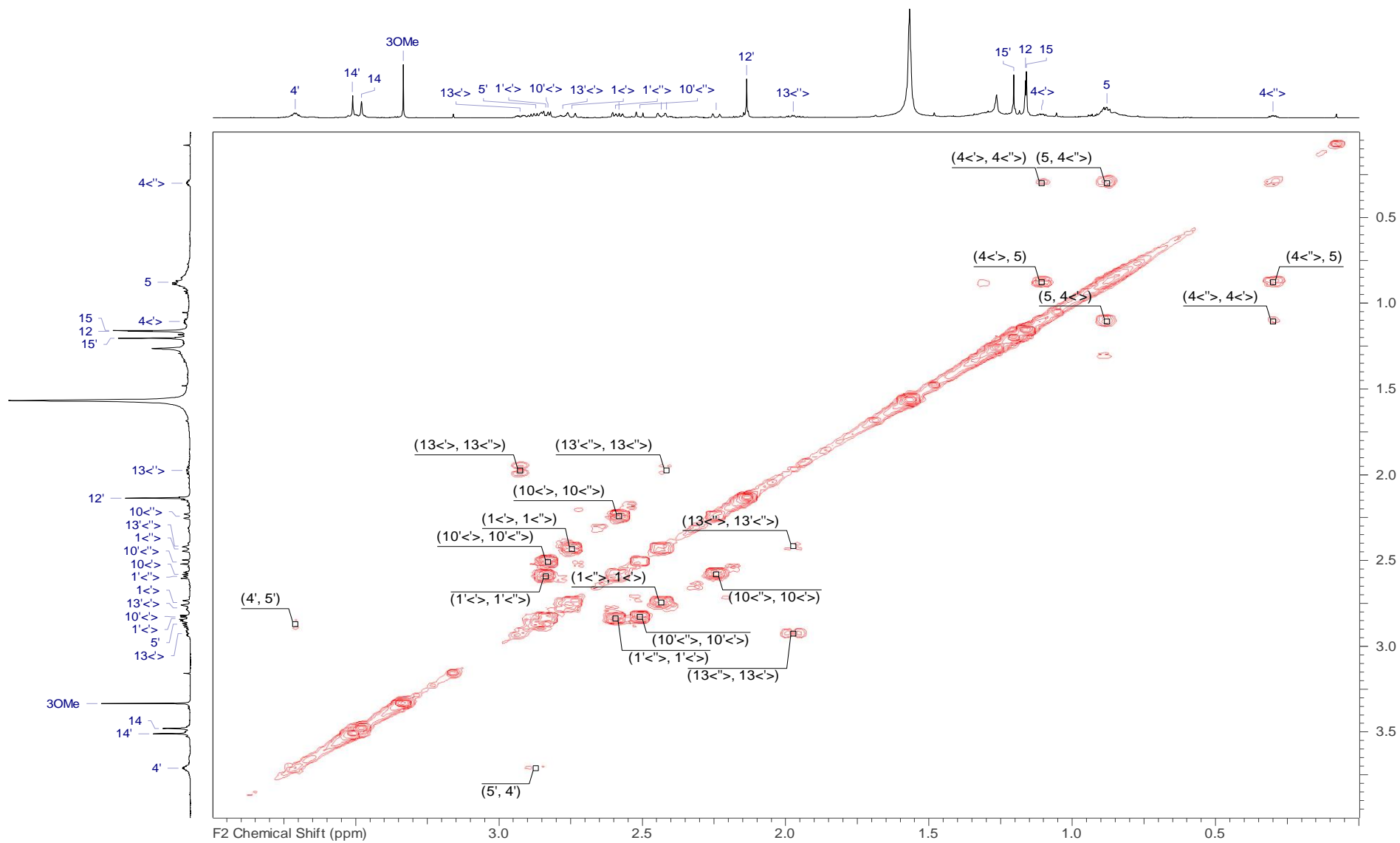
^1H NMR spectrum of **3** (700 MHz, CDCl_3).



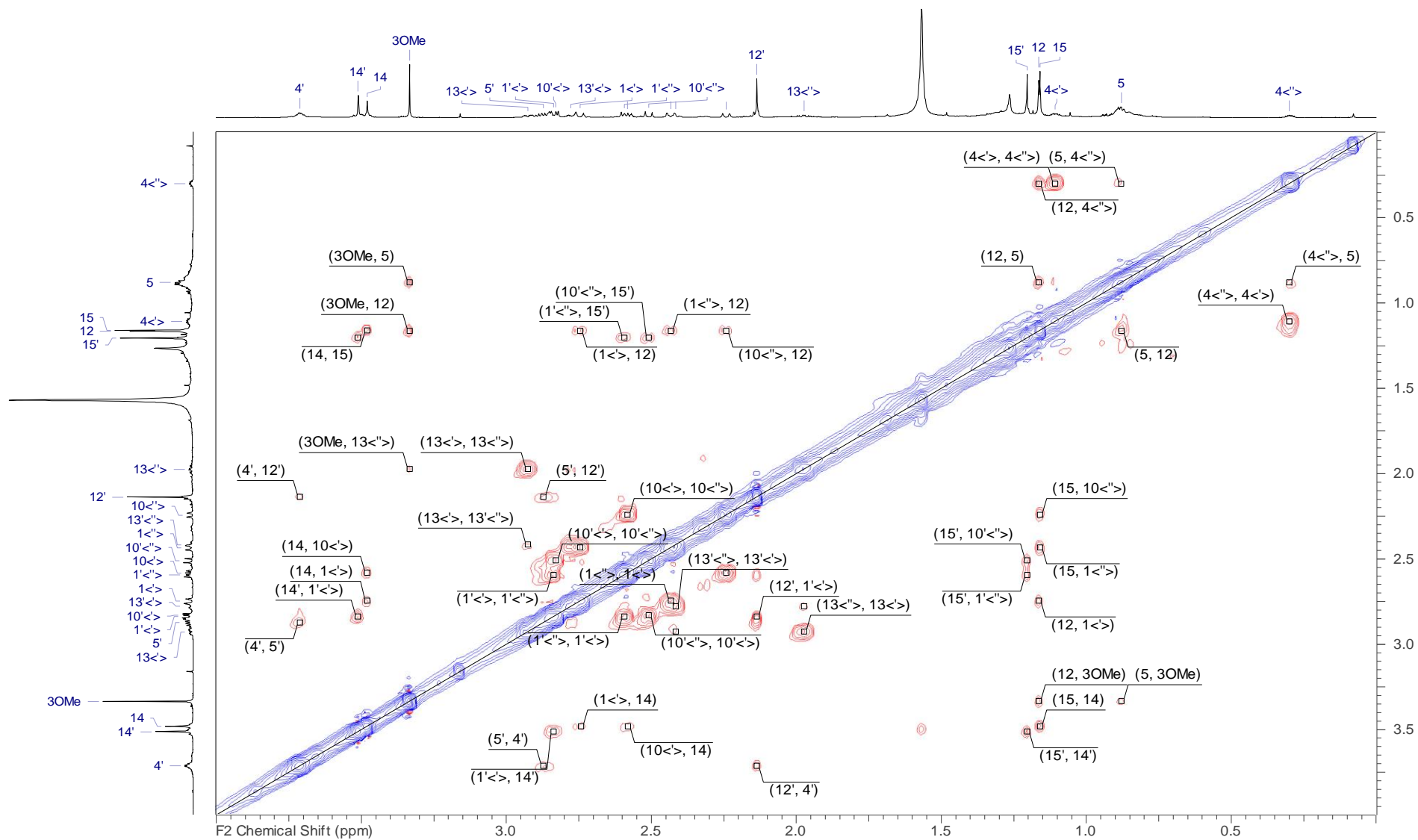
Section from ^1H NMR spectrum of **3** (700 MHz, CDCl_3).



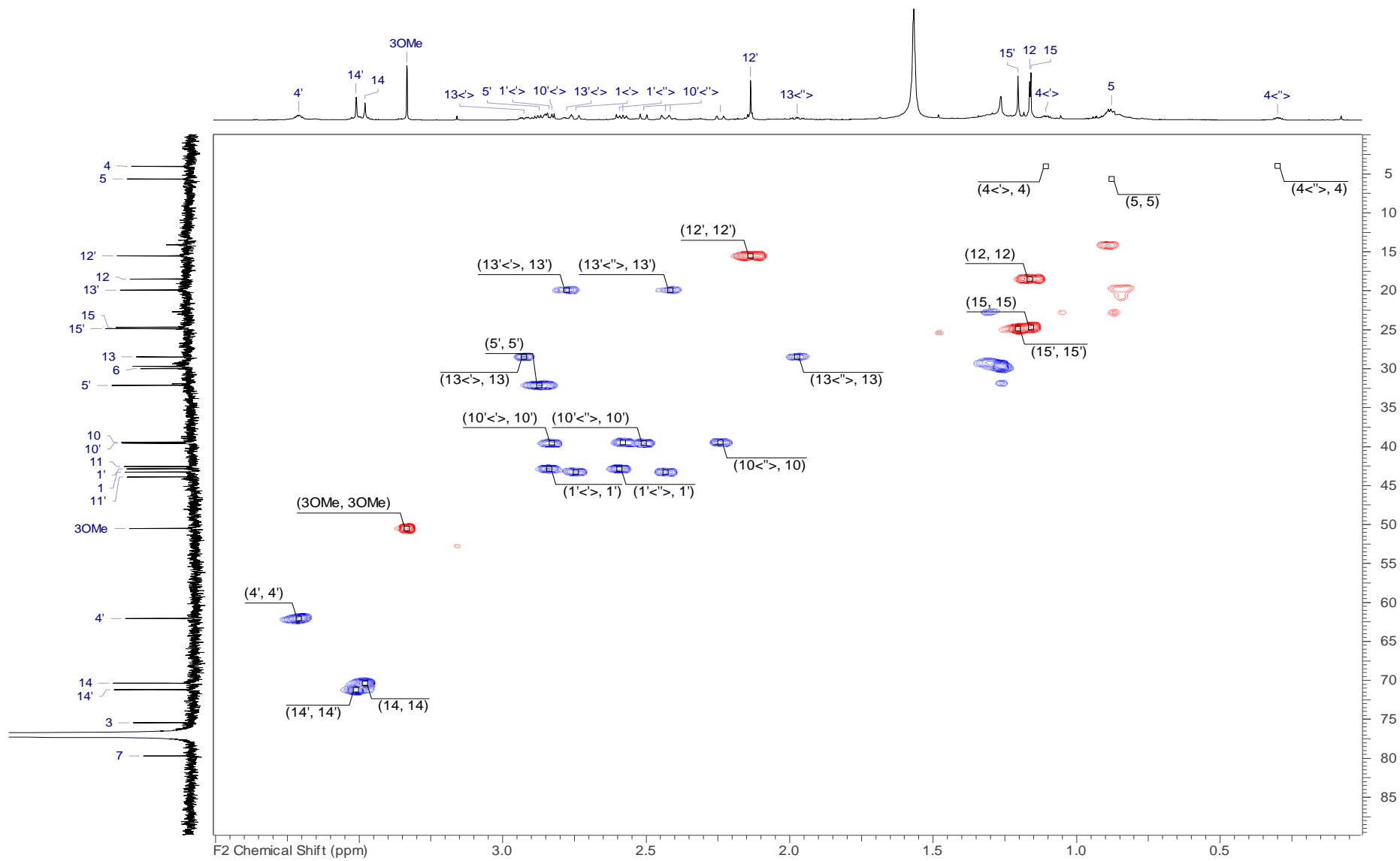
¹³C NMR spectrum of **3** (175 MHz, CDCl₃).



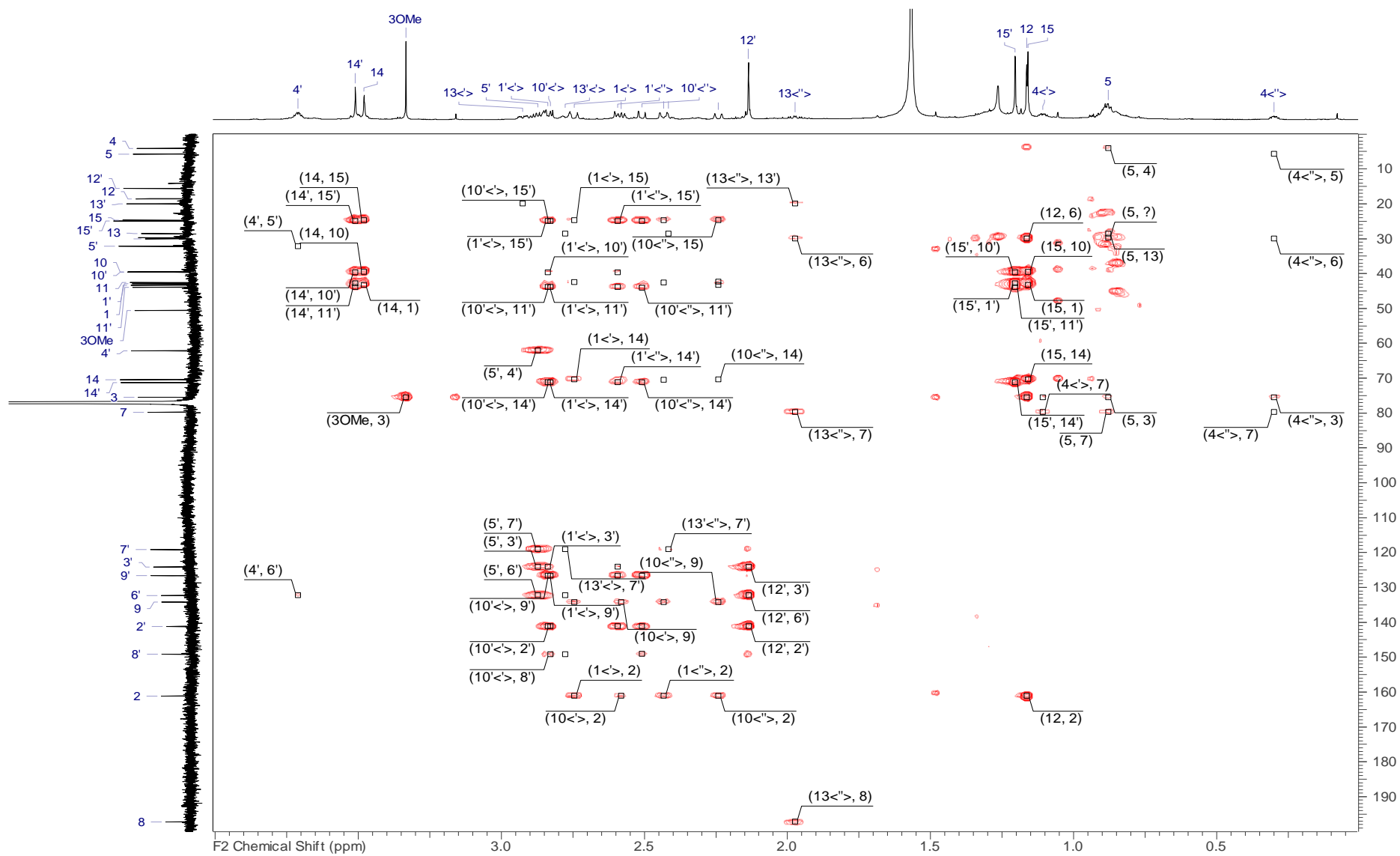
COSY NMR spectrum of **3** (700 MHz, CDCl₃).



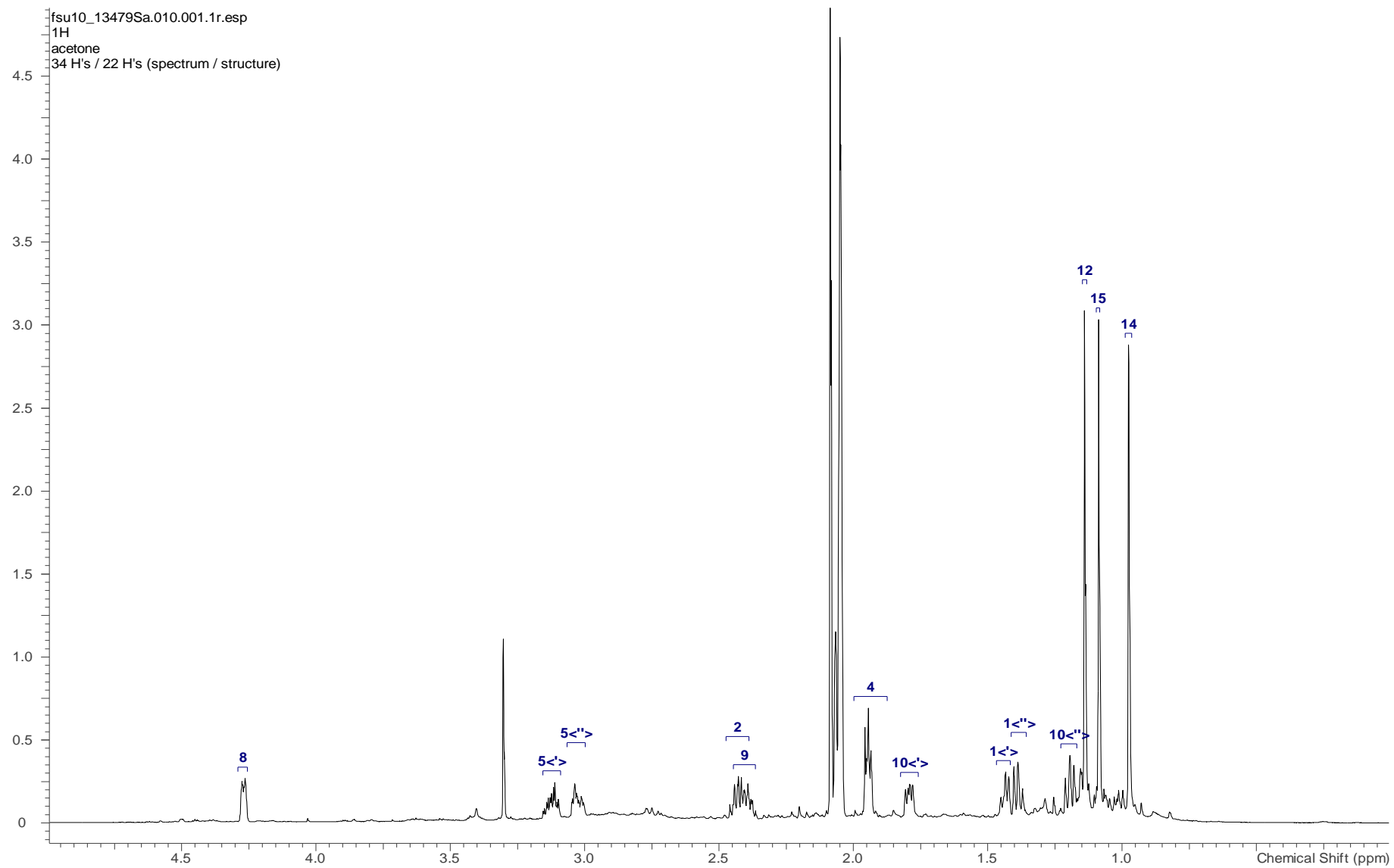
ROESY NMR spectrum of **3** (700 MHz, CDCl₃).



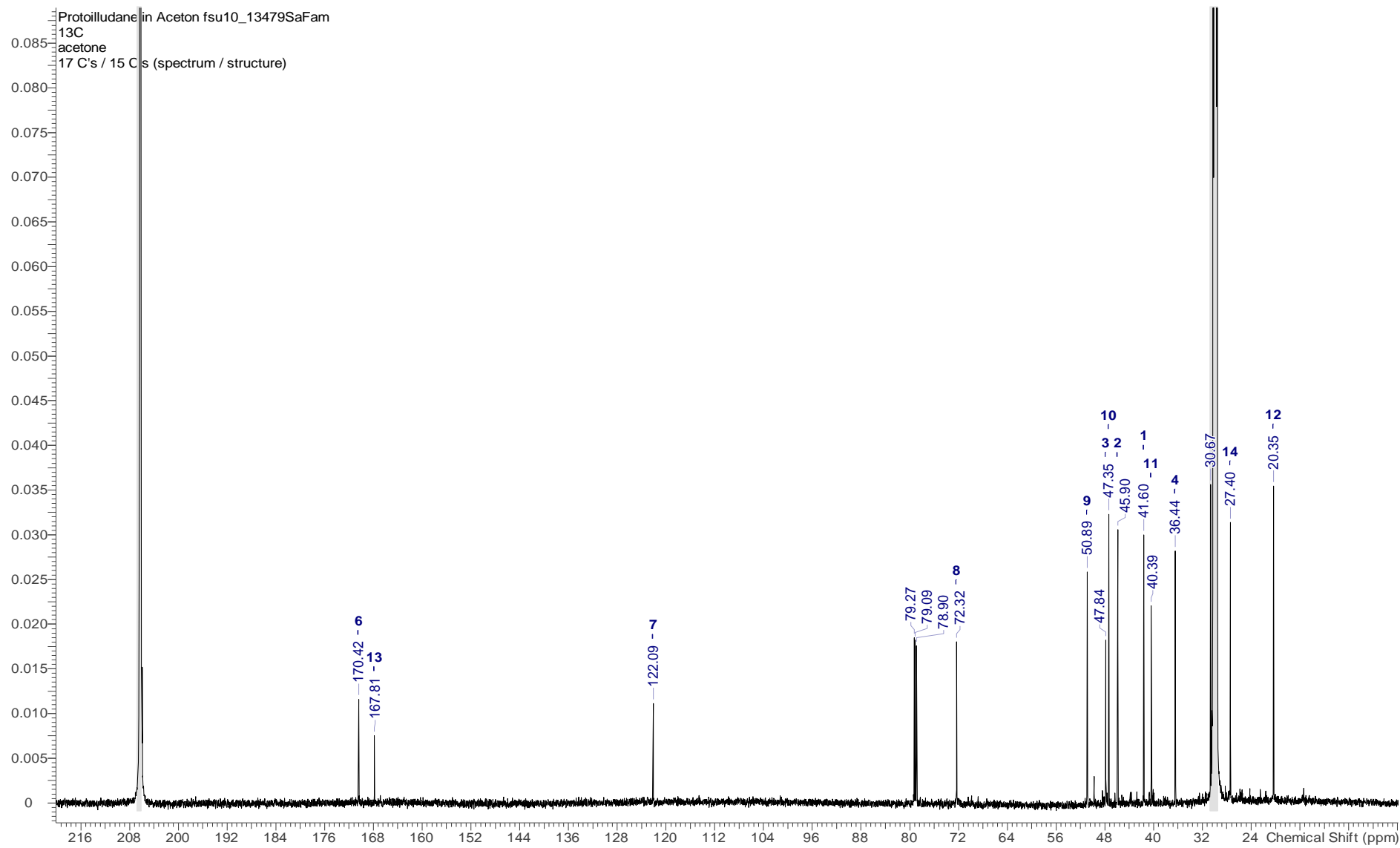
ROESY NMR spectrum of **3** (700 MHz, CDCl₃).



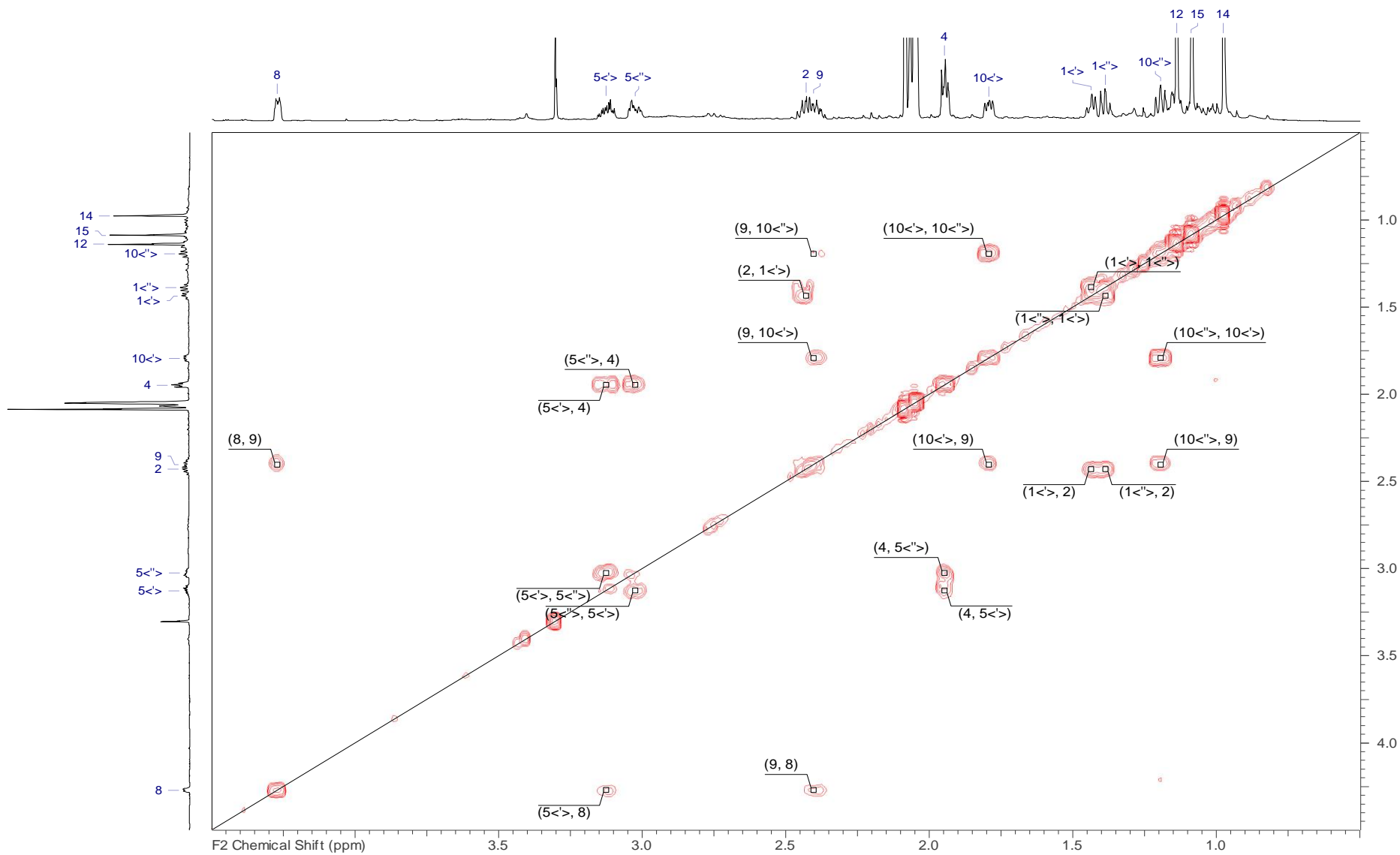
HMBC NMR spectrum of **3** (700 MHz, CDCl₃).



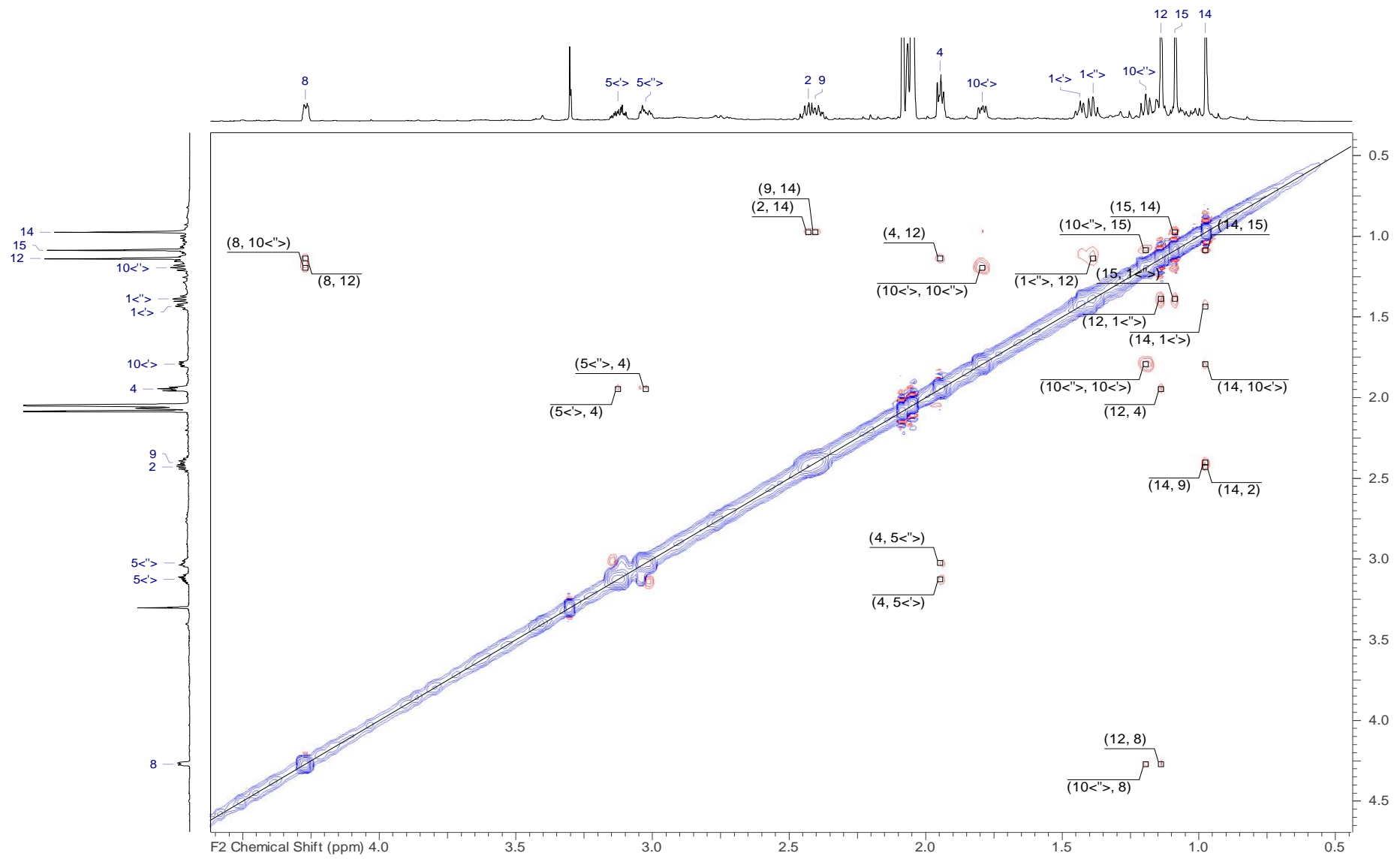
^1H NMR spectrum of **4** (700 MHz, acetone- d_6).



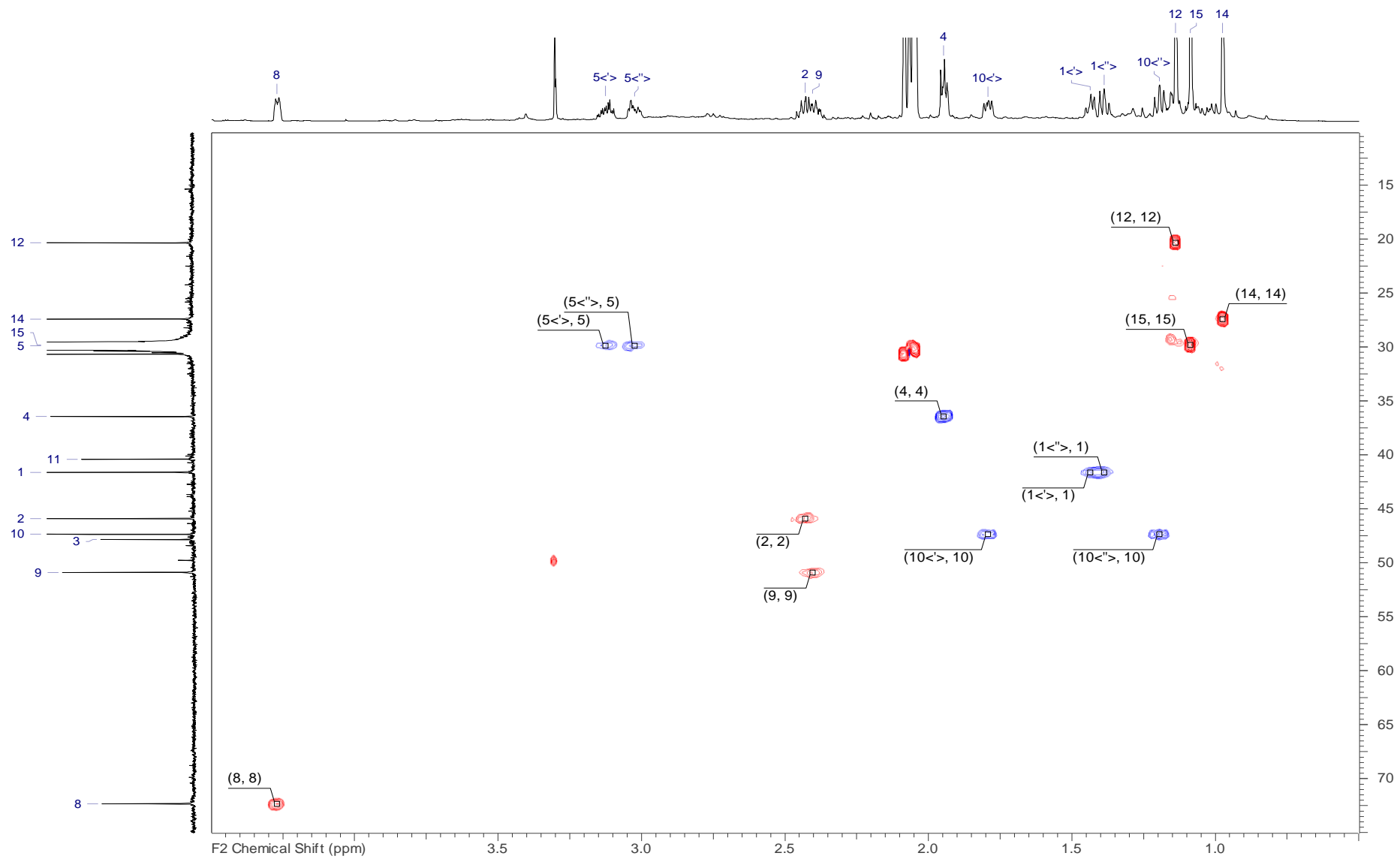
¹³C NMR spectrum of **4** (175 MHz, acetone-*d*₆).



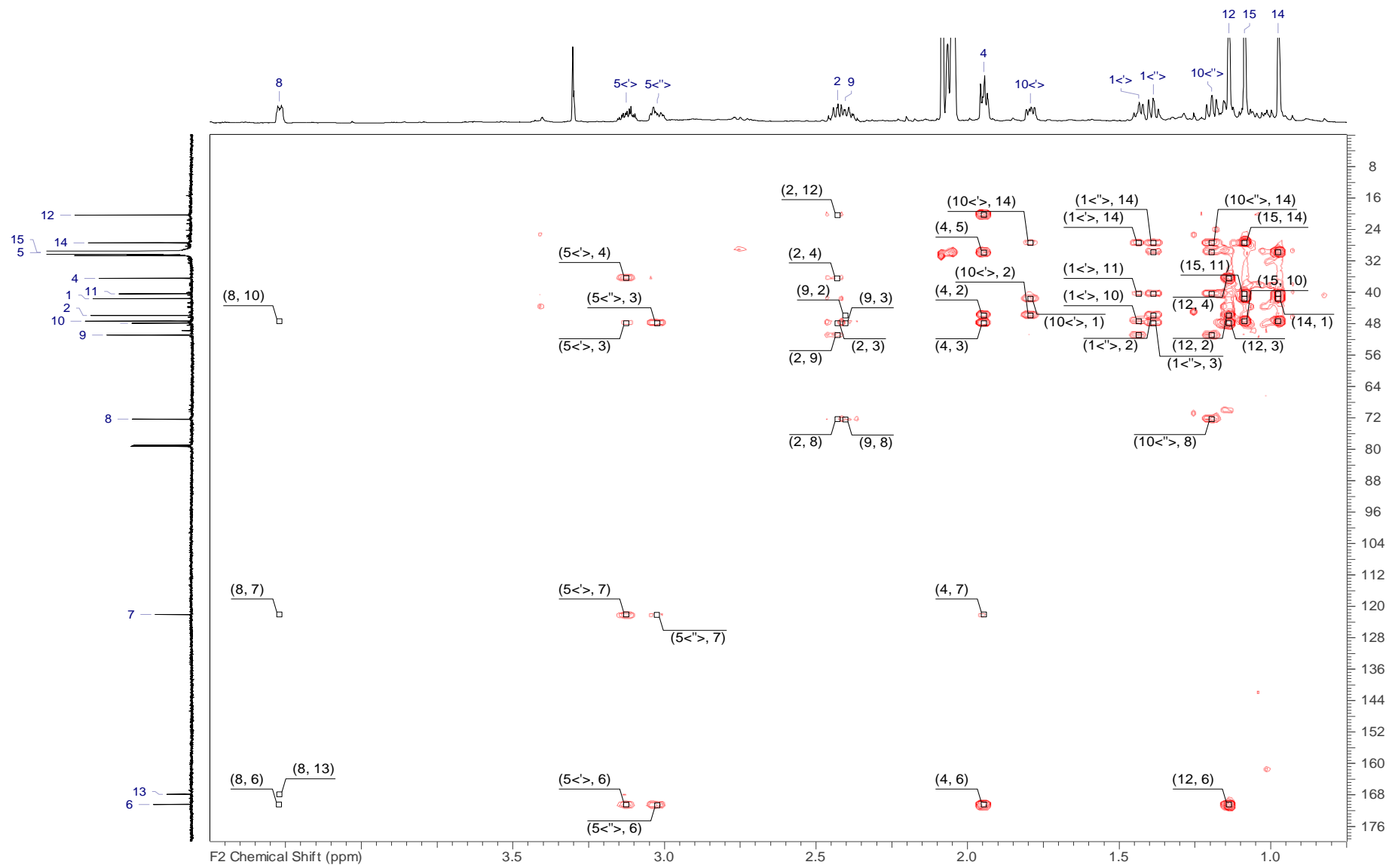
COSY NMR spectrum of **4** (700 MHz, acetone- d_6).



ROESY NMR spectrum of **4** (700 MHz, acetone-*d*₆).



HSQC NMR spectrum of **4** (700 MHz, acetone-*d*₆).



HMBC NMR spectrum of **4** (700 MHz, acetone- d_6).