

# Supplementary Materials: New Casbane and Cembrane Diterpenoids from an Okinawan Soft Coral, *Lobophytum* sp.

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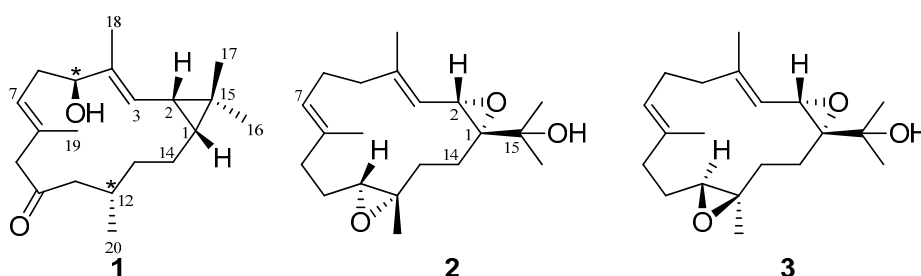
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Isolated compounds **1**–**3** from *Lobophytum* sp.

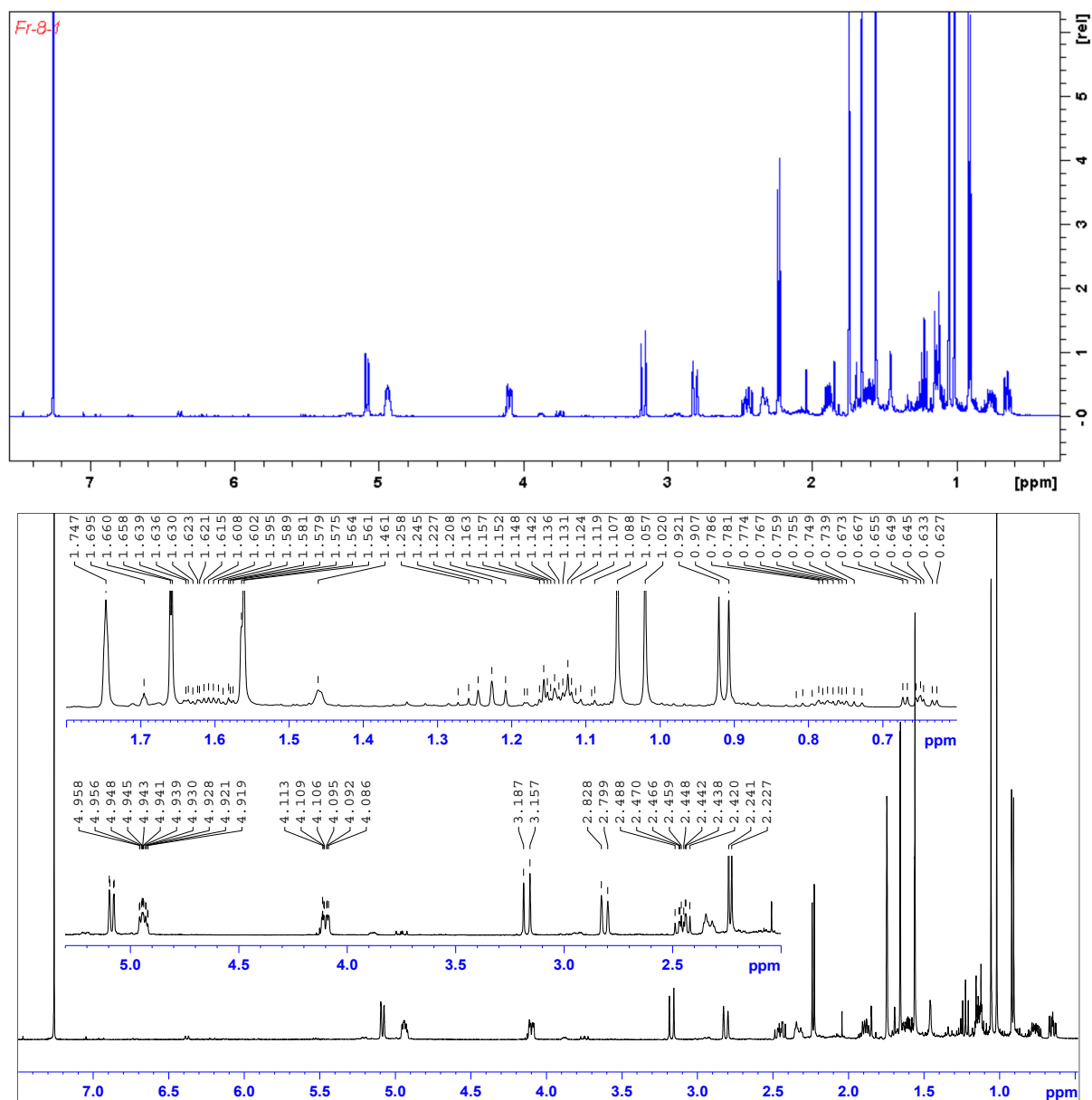


Figure S1.  $^1\text{H-NMR}$  spectra (500 MHz) of 1.

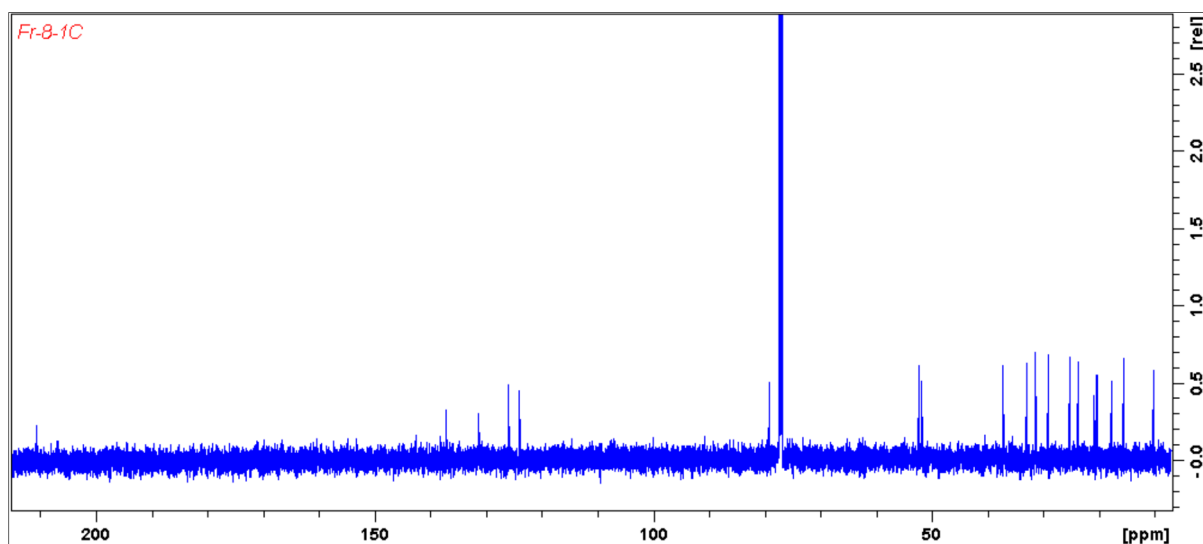
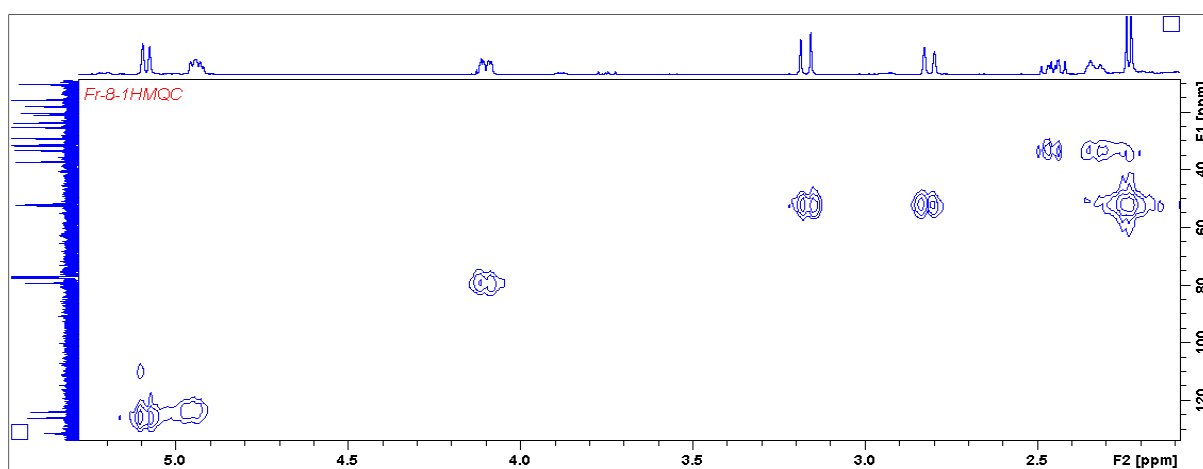
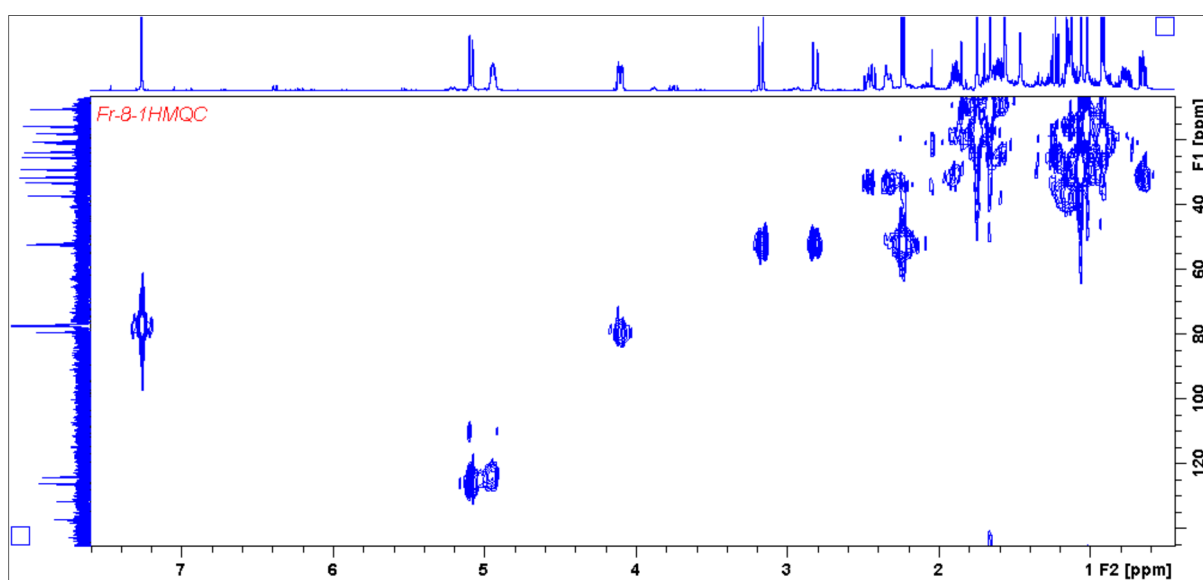
Figure S2.  $^{13}\text{C}$ -NMR spectrum (125 MHz) of 1.

Figure S3. Cont.

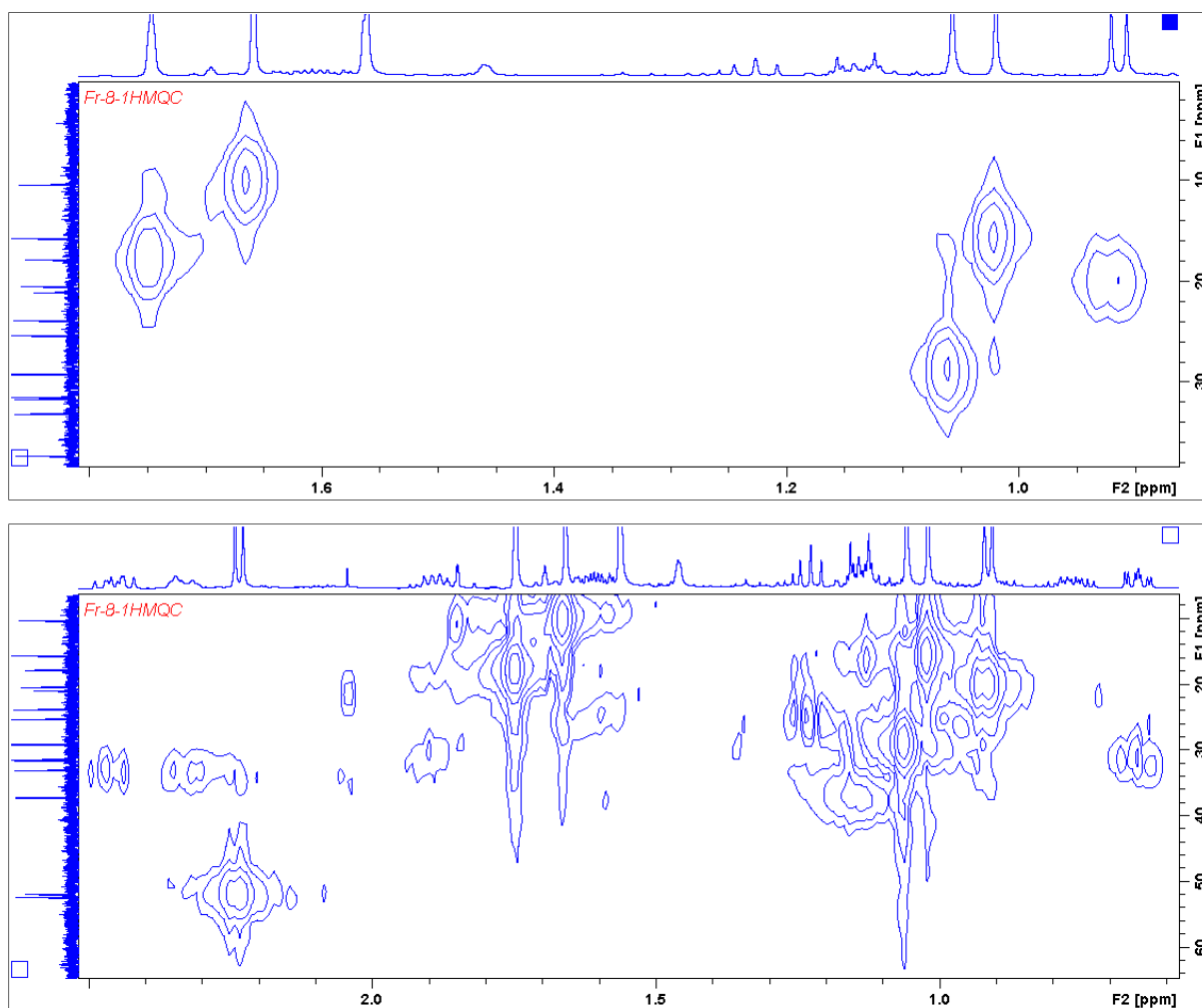
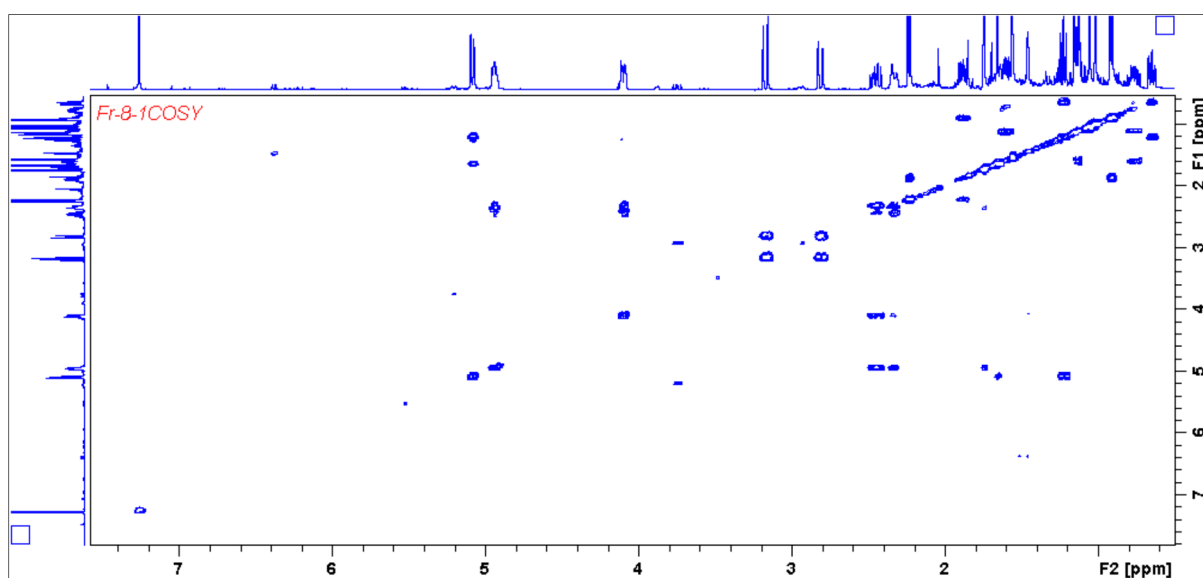


Figure S3. HMQC spectra of 1.

Figure S4. <sup>1</sup>H-<sup>1</sup>H COSY spectrum of 1.

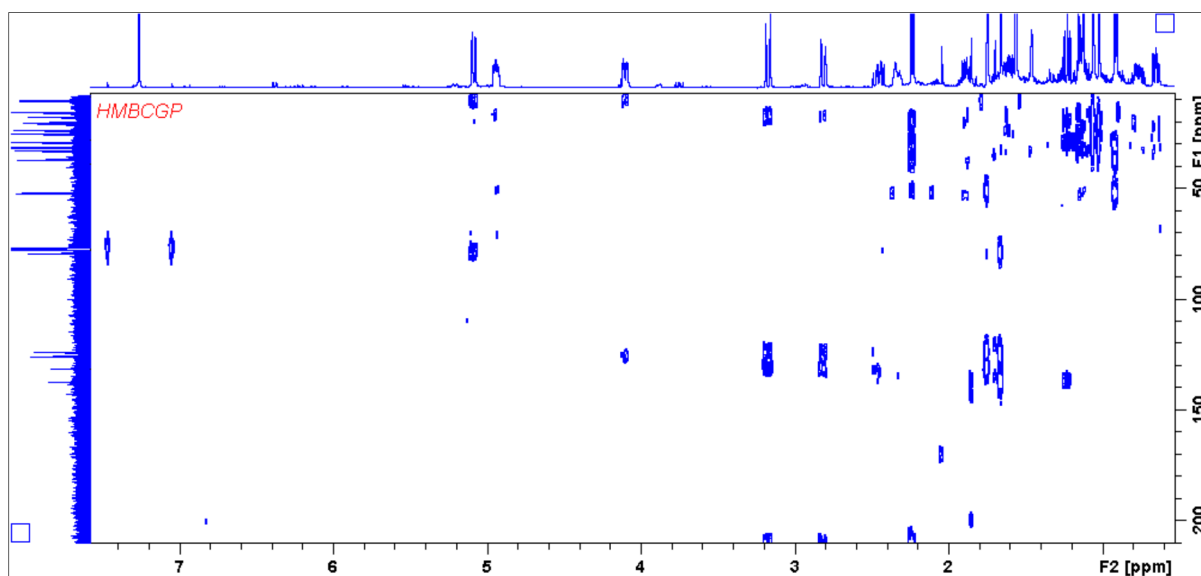


Figure S5. HMBC spectrum of 1 in CDCl<sub>3</sub>.

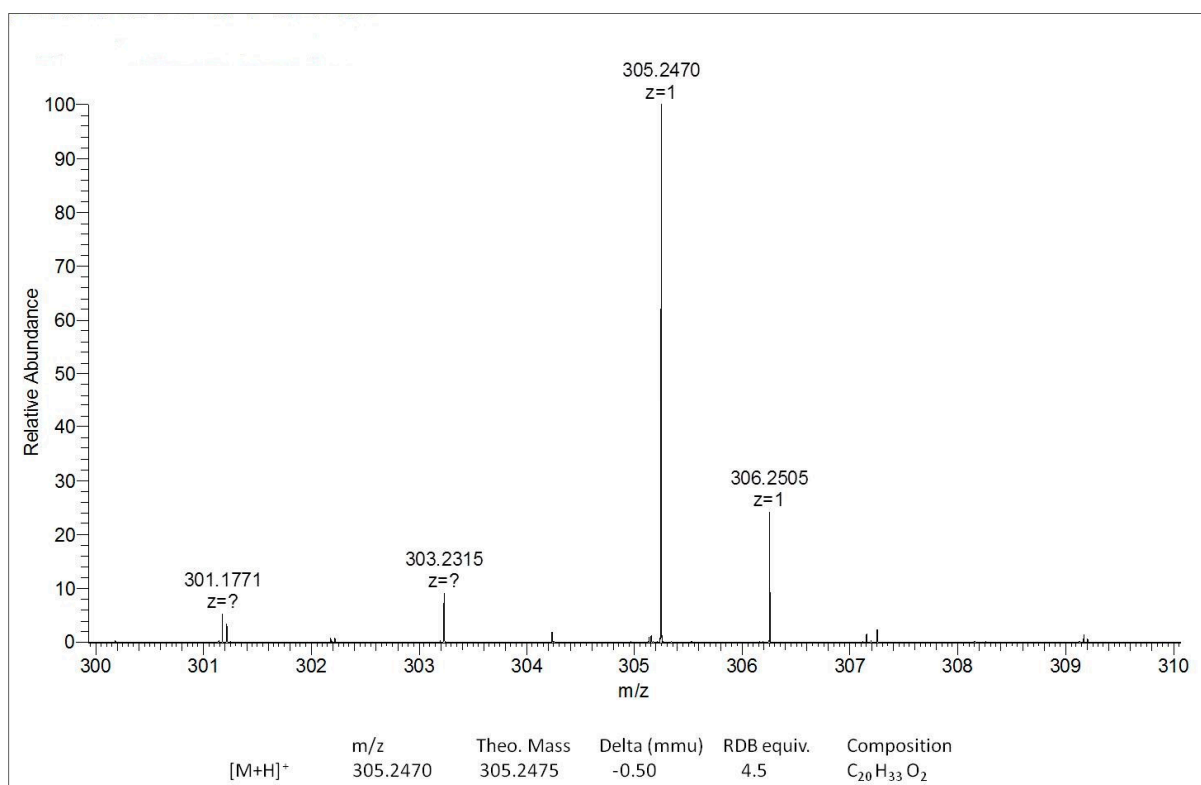
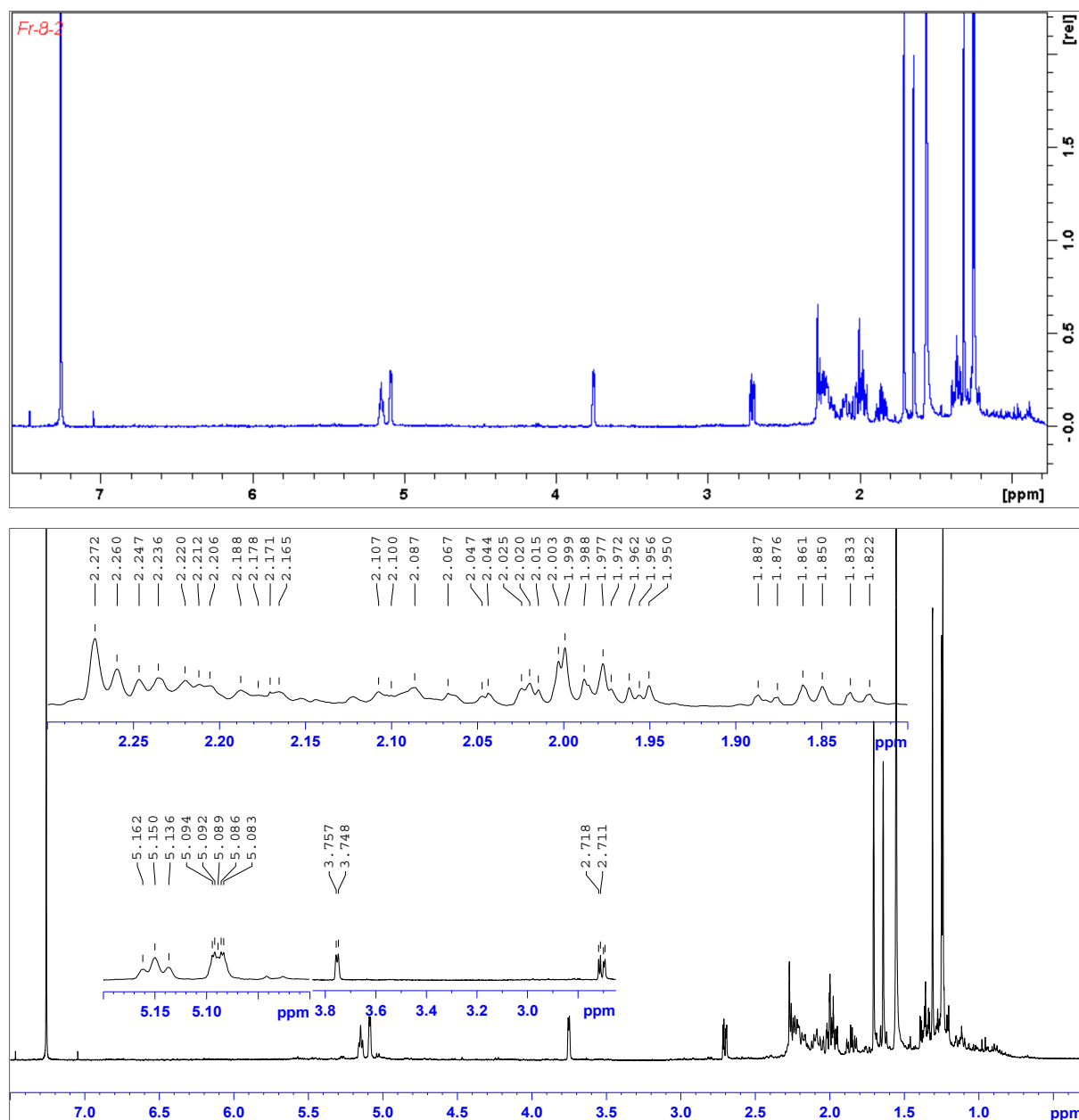


Figure S6. HRNSIMS spectrum of 1.

Figure S7.  $^1\text{H-NMR}$  spectra (500 MHz) of 2.

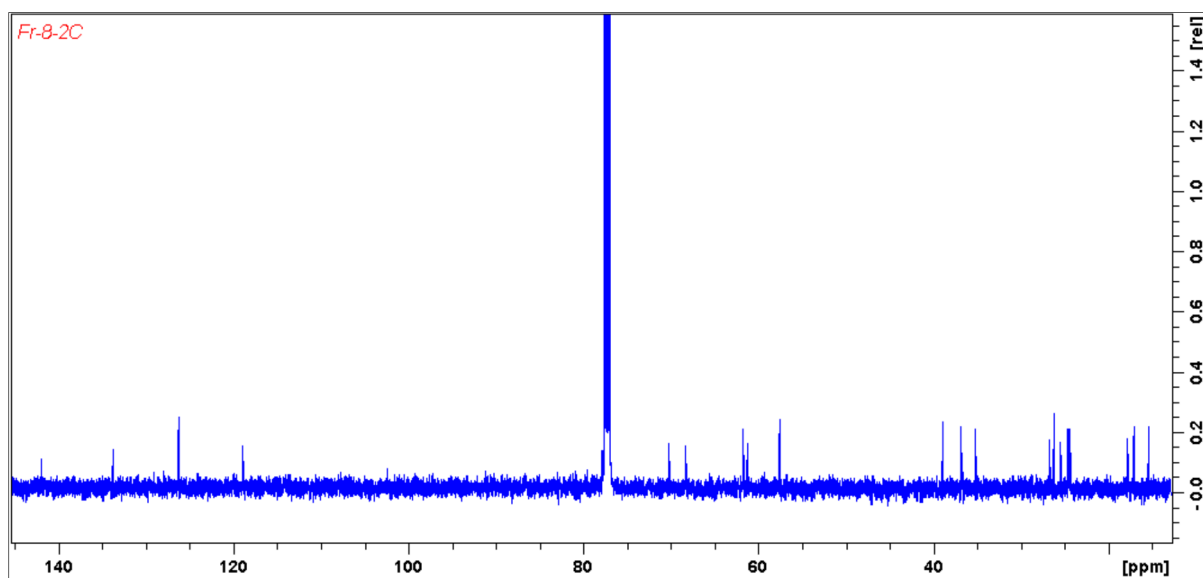
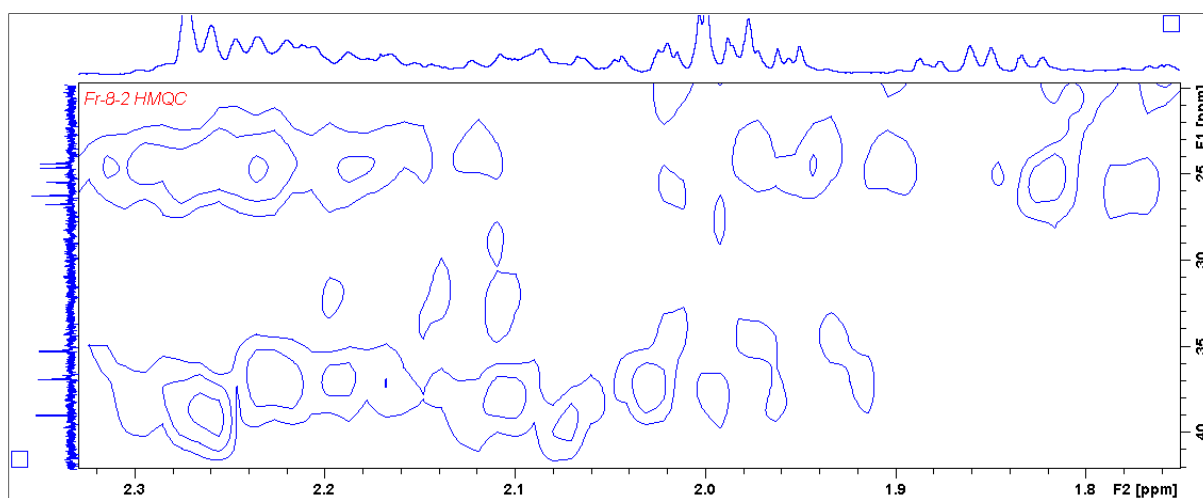
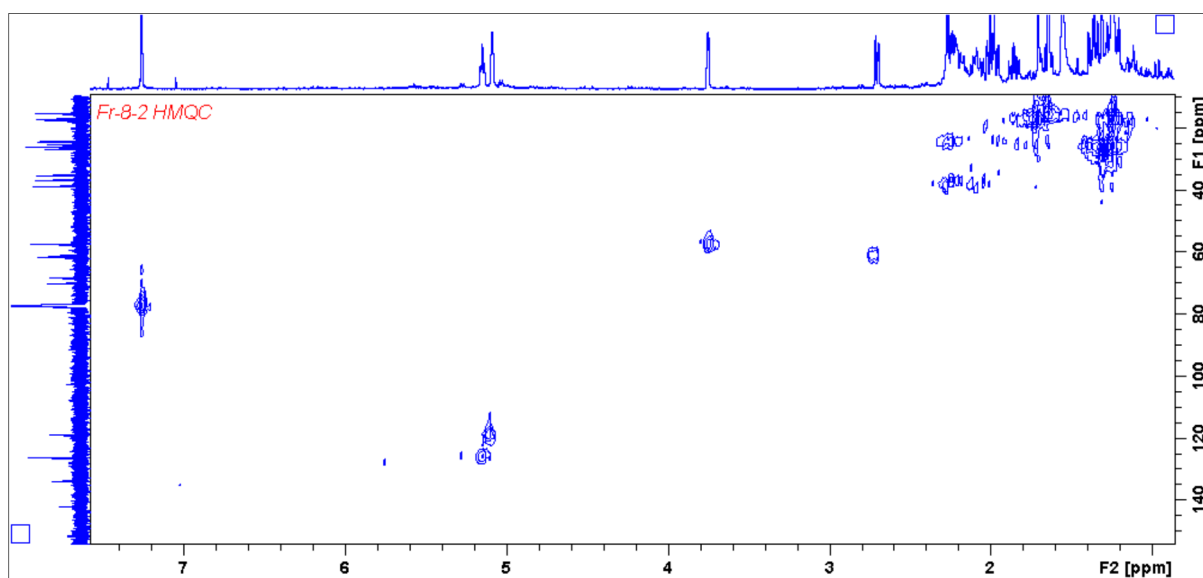
Figure S8.  $^{13}\text{C}$ -NMR spectrum (125 MHz) of 2.

Figure S9. Cont.

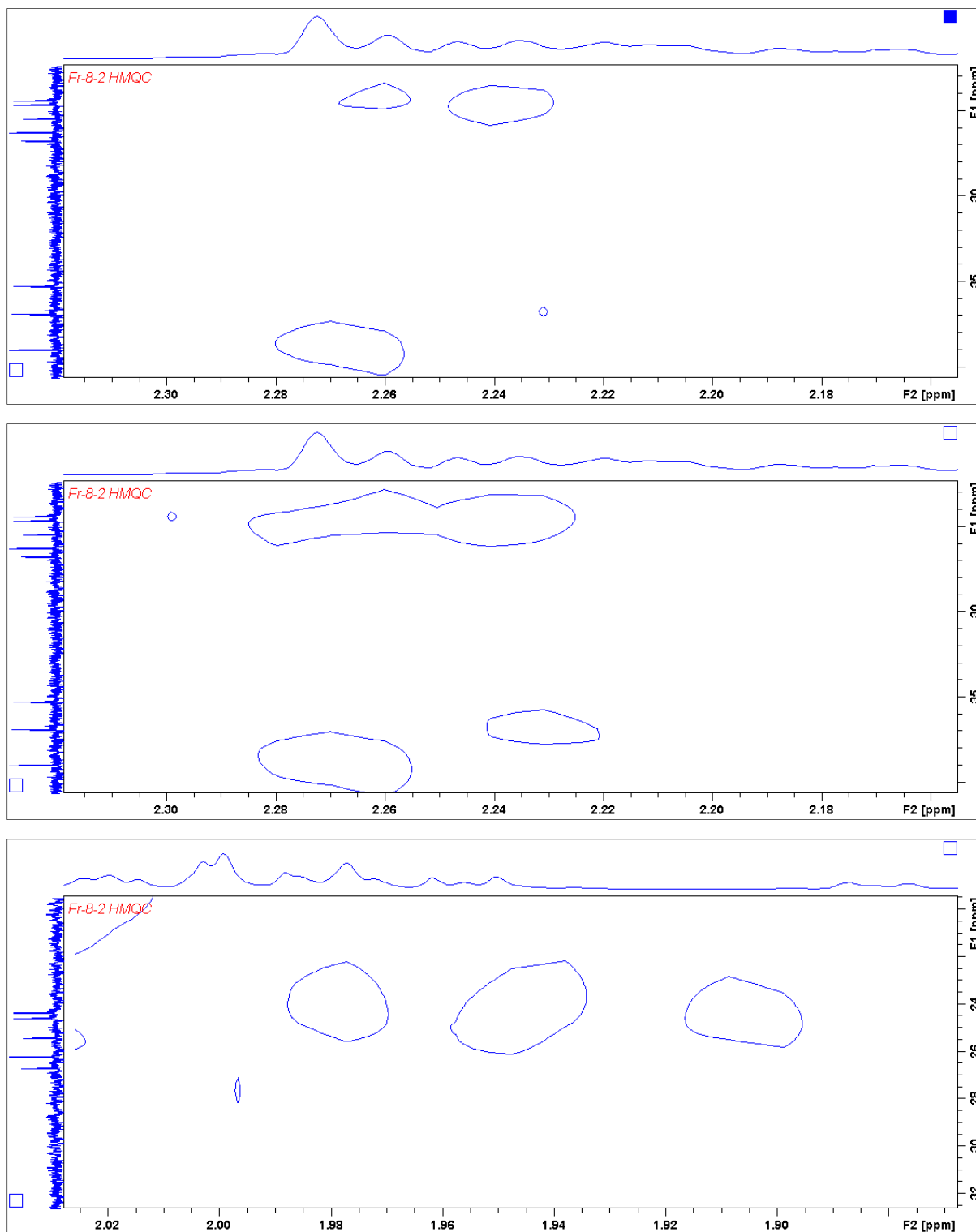


Figure S9. Cont.



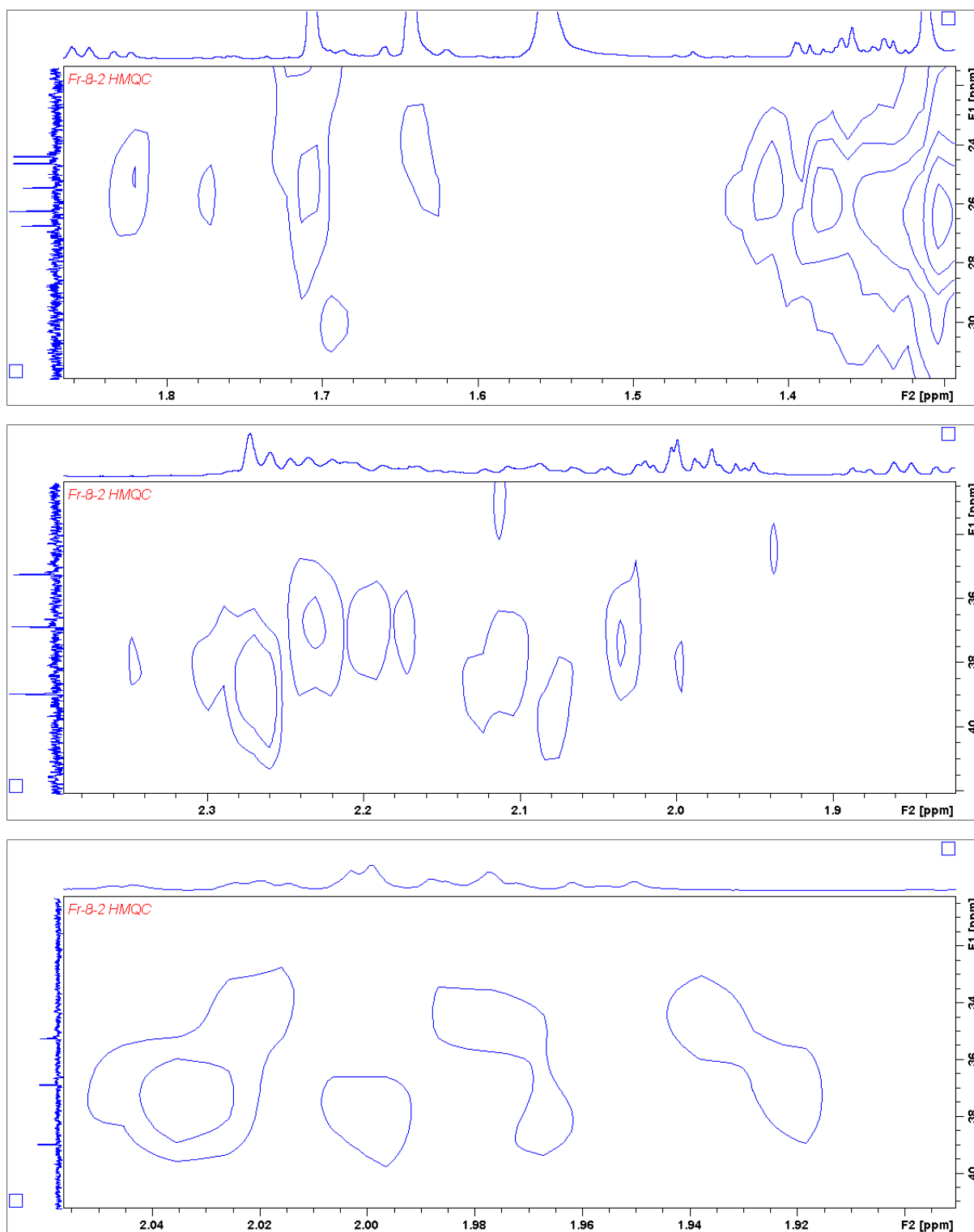


Figure S9. HMQC spectra of 2.

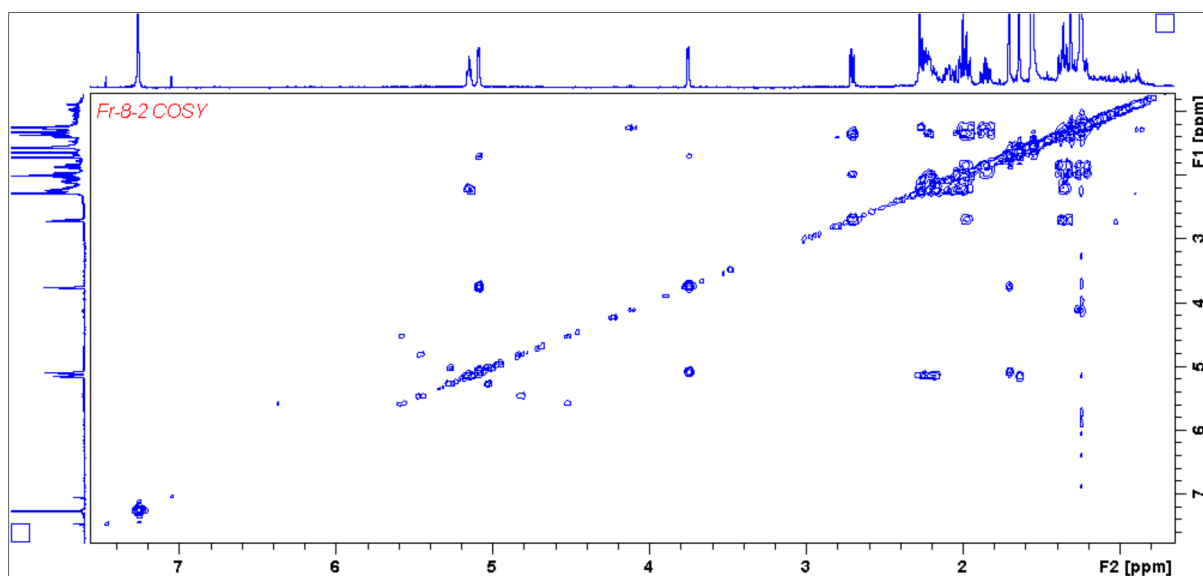


Figure S10.  $^1\text{H}$ - $^1\text{H}$  COSY spectrum of 2.

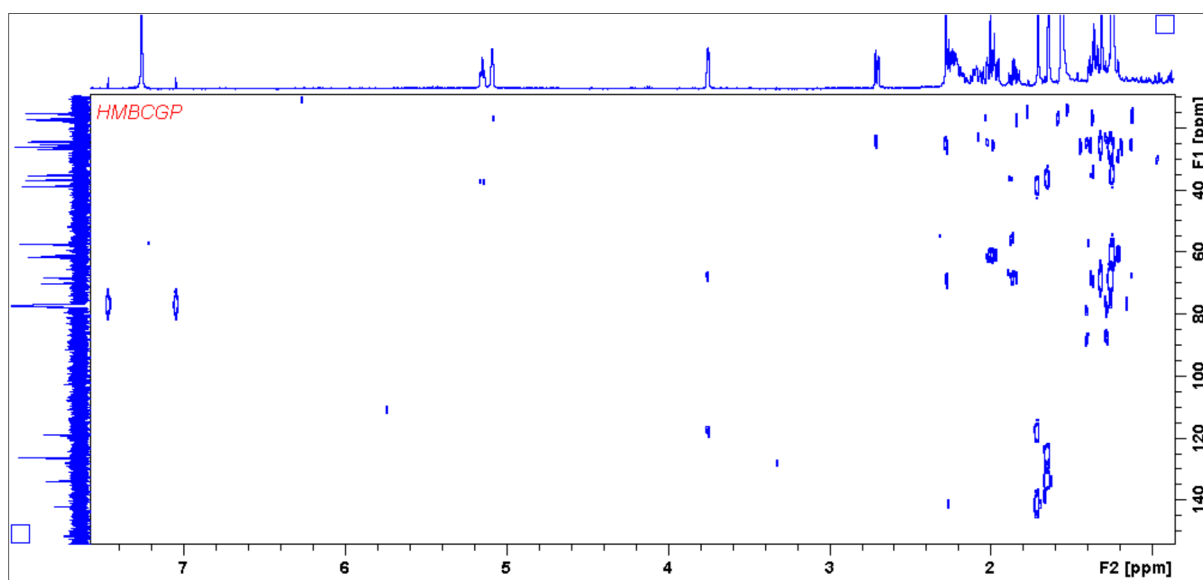


Figure S11. HMBC spectrum of 2 in  $\text{CDCl}_3$ .

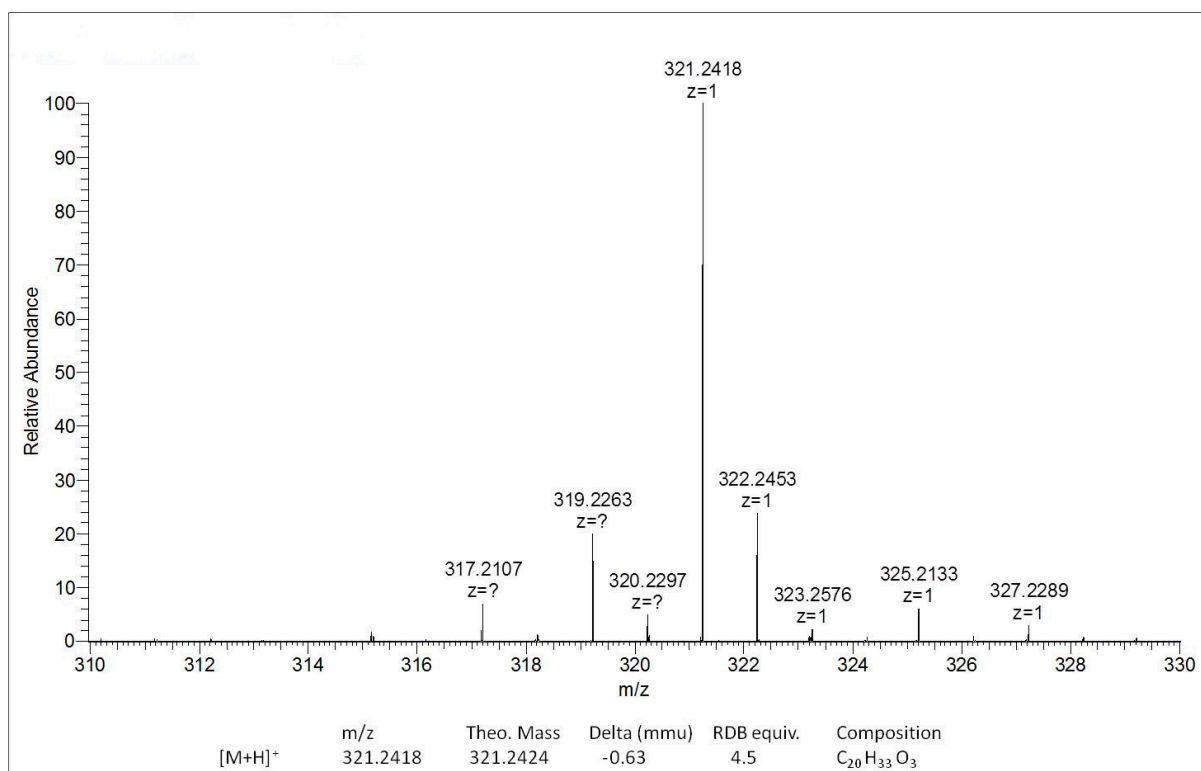


Figure S12. HRNSIMS spectrum of 2.

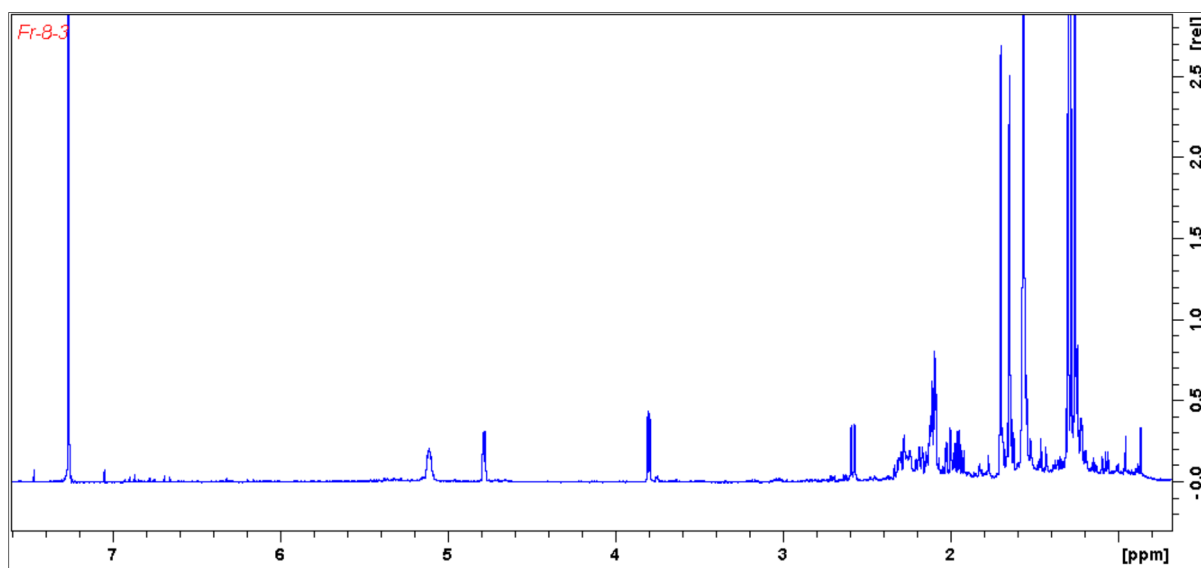
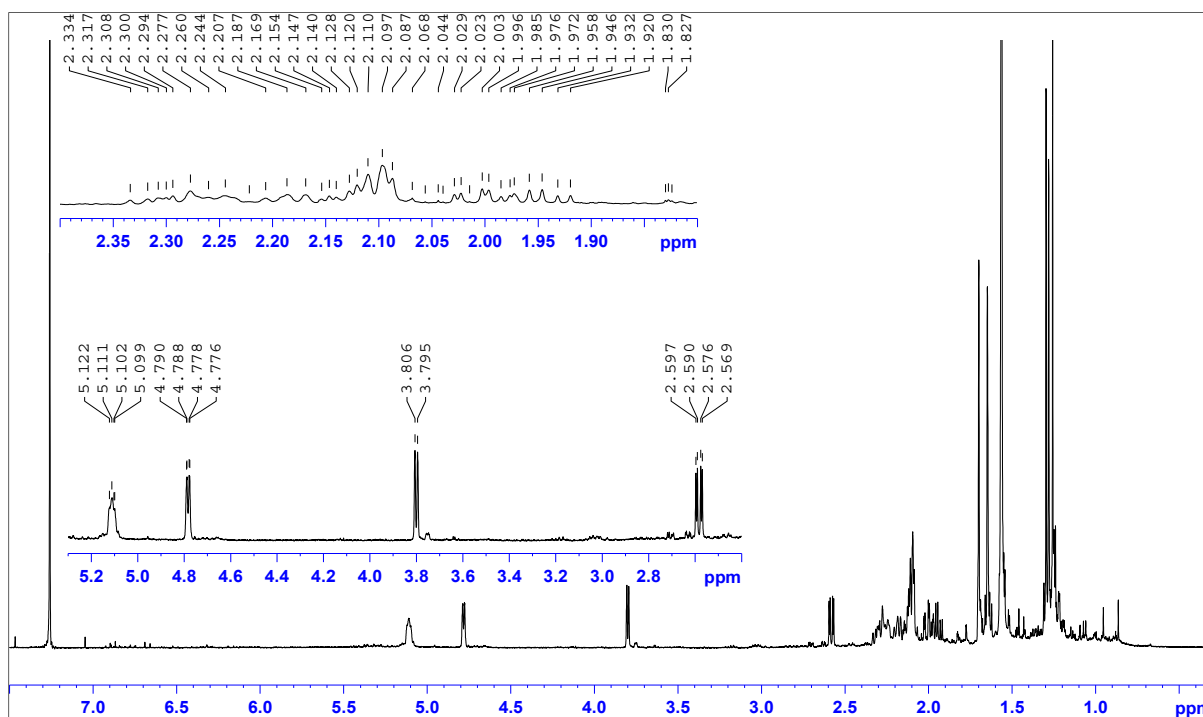
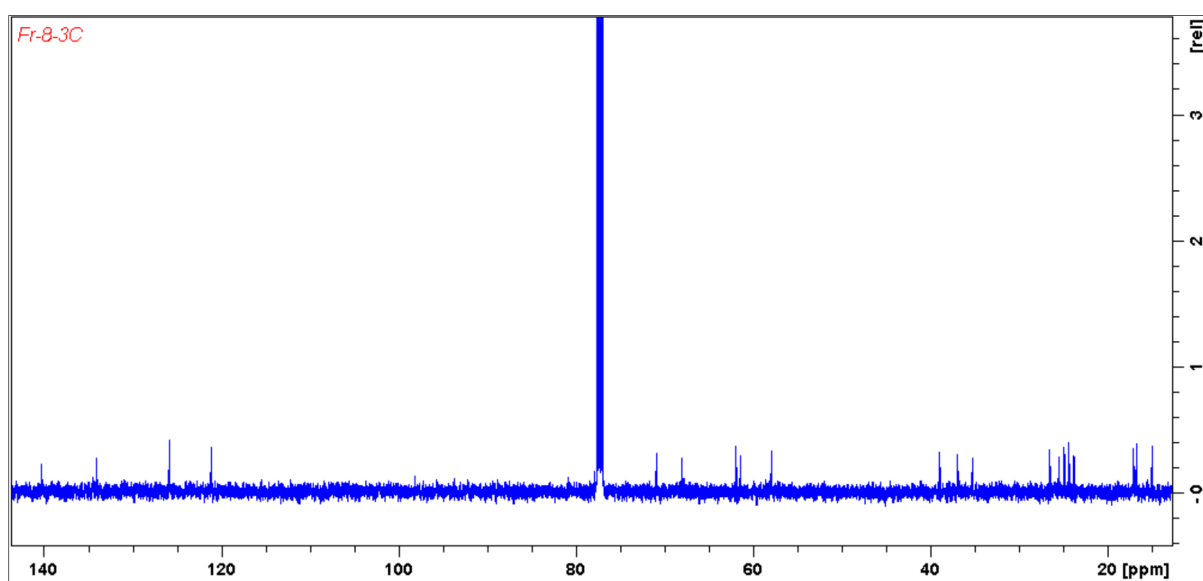


Figure S13. Cont.

Figure S13.  $^1\text{H-NMR}$  spectra (500 MHz) of 3.Figure S14.  $^{13}\text{C-NMR}$  spectrum (125 MHz) of 3.

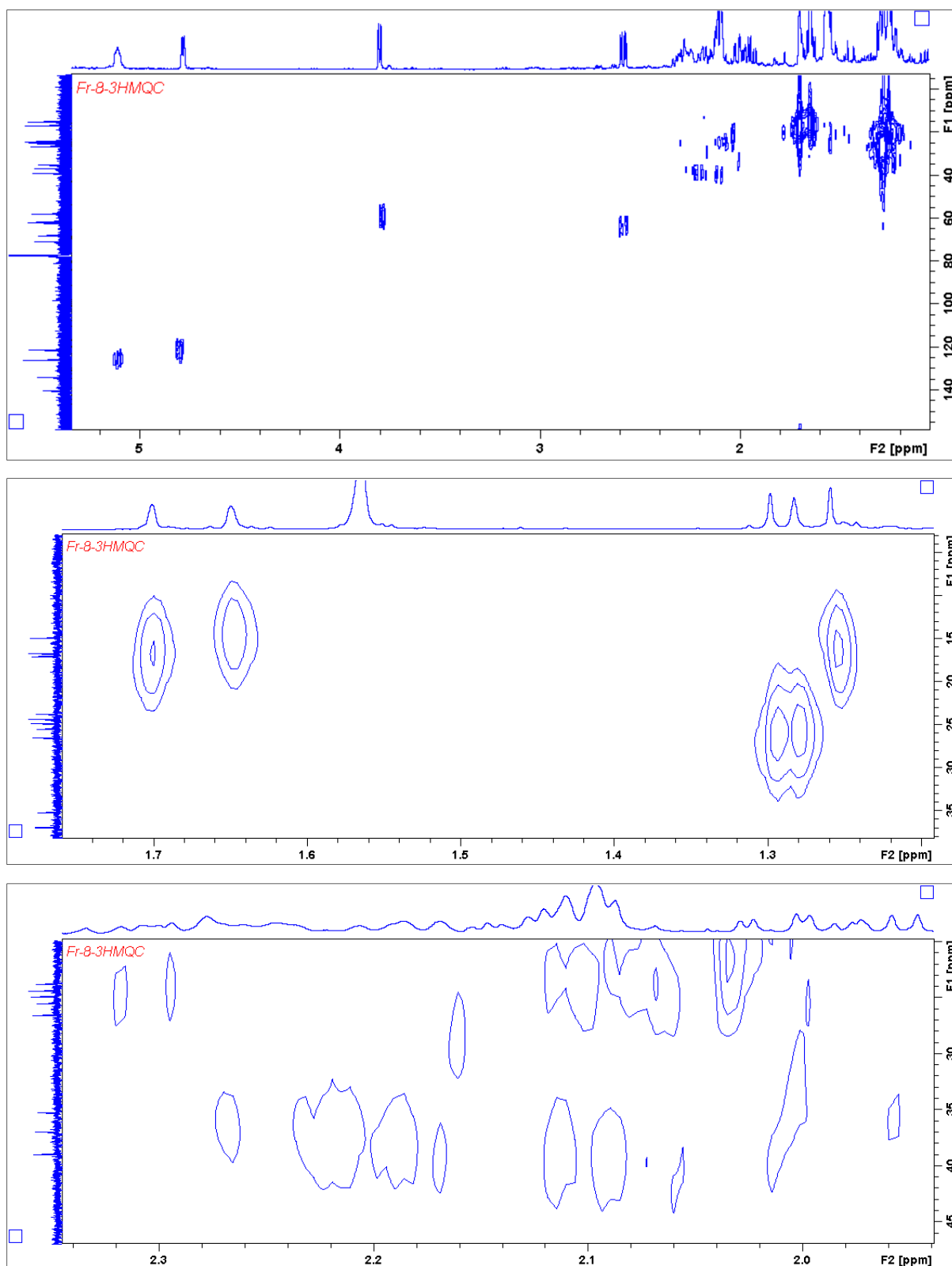


Figure S15. Cont.

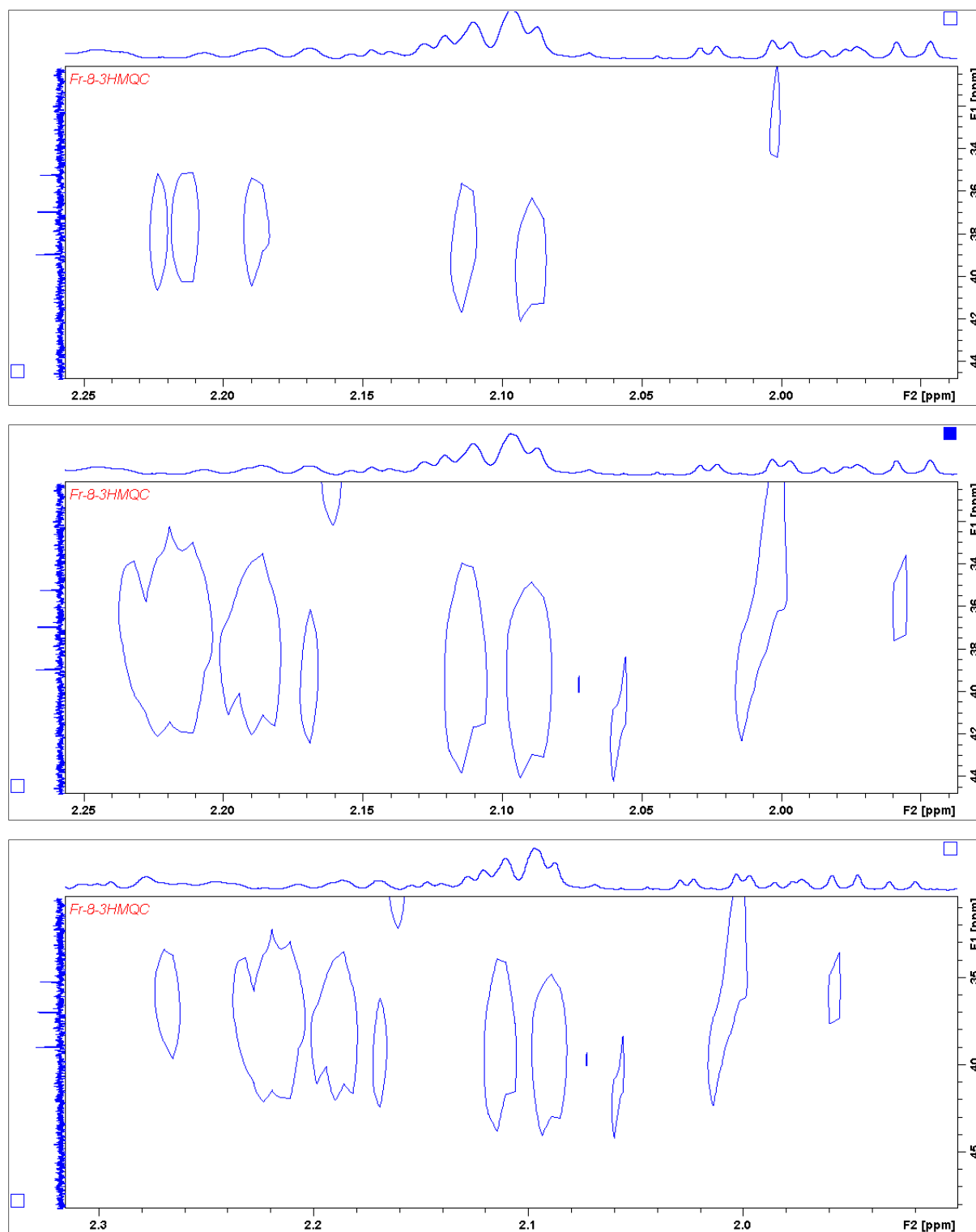


Figure S15. HMQC spectra of 3.

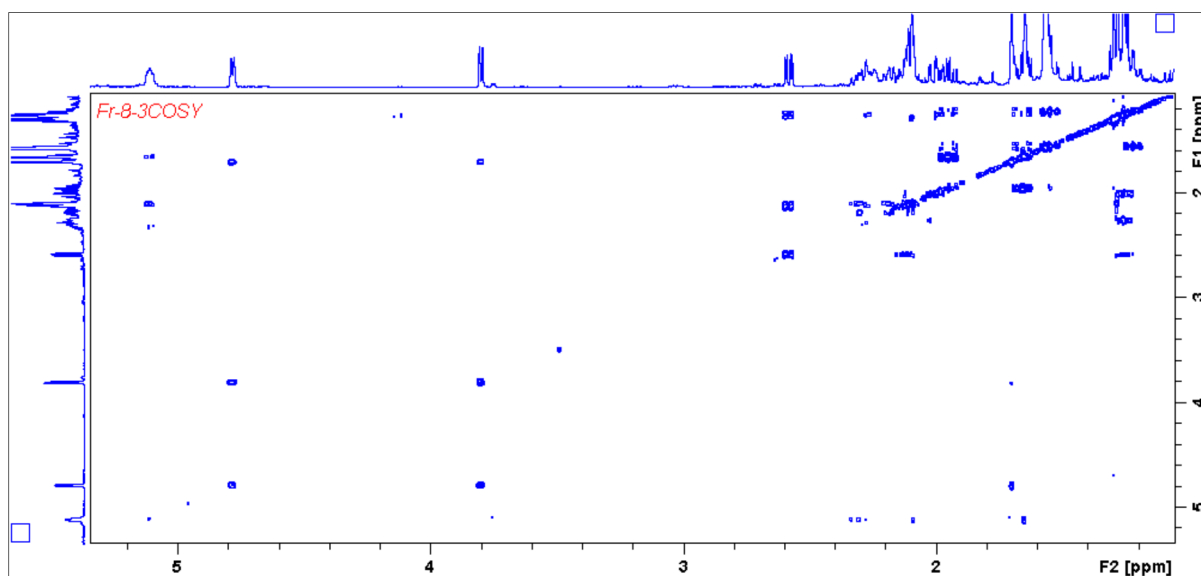


Figure S16.  $^1\text{H}$ - $^1\text{H}$  COSY spectrum of 3.

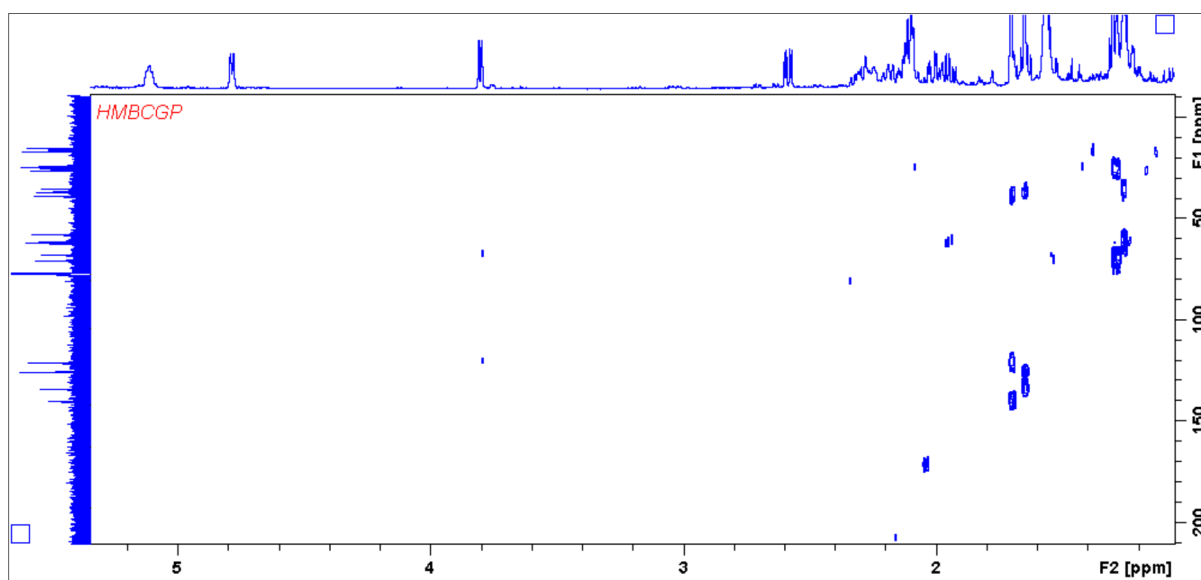


Figure S17. HMBC spectrum of 3 in  $\text{CDCl}_3$ .

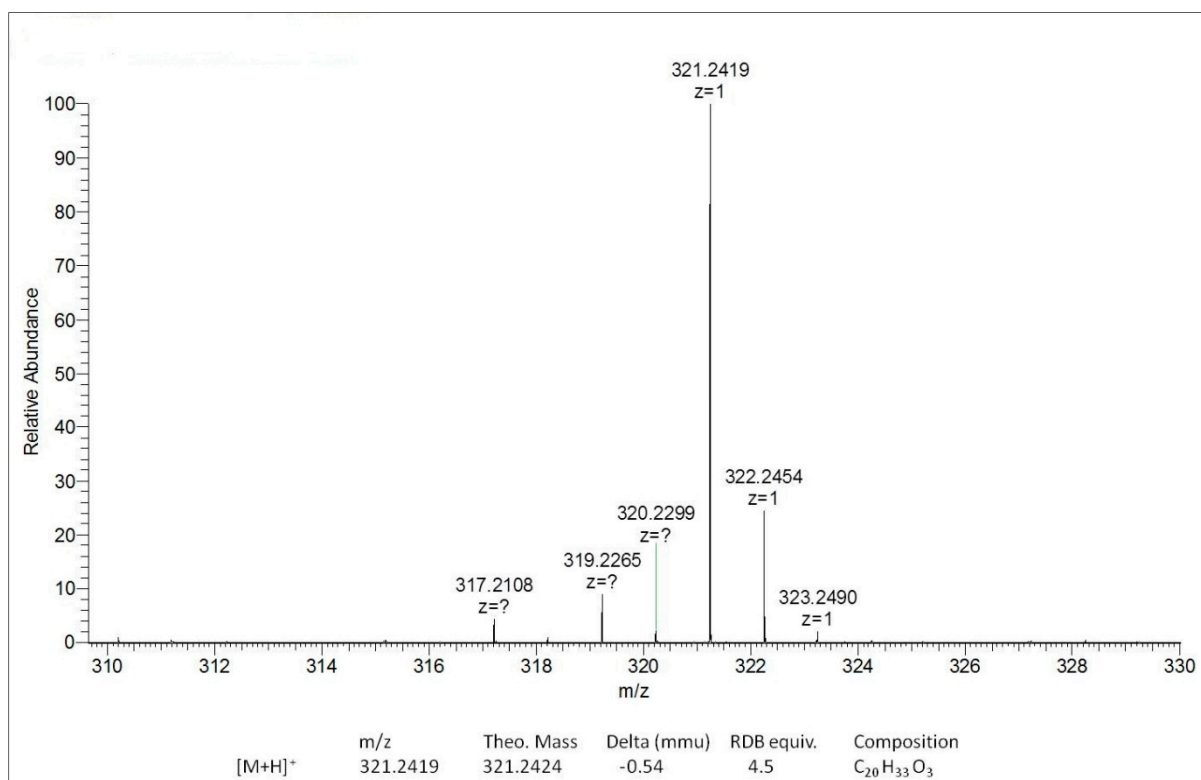


Figure S18. HRNSIMS spectrum of 3.