

## Supplementary Material

### Synthesis, characterization and biological evaluation of novel ferulic acid-based alkyl-1,2,3-triazole analogs

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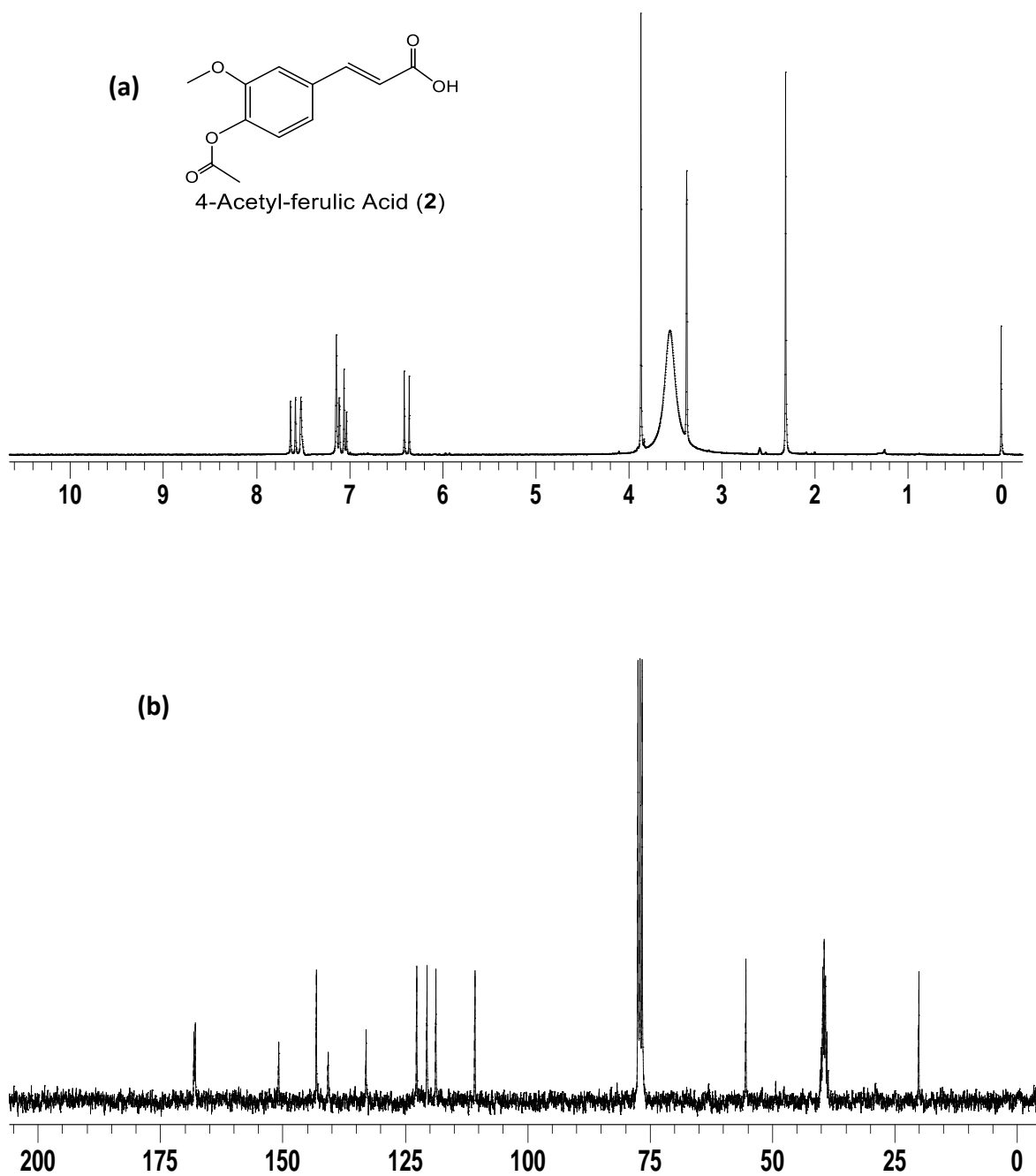


Figure S1. (a)  $^1\text{H}$  NMR and (b)  $^{13}\text{C}$  NMR Spectra of compound 2

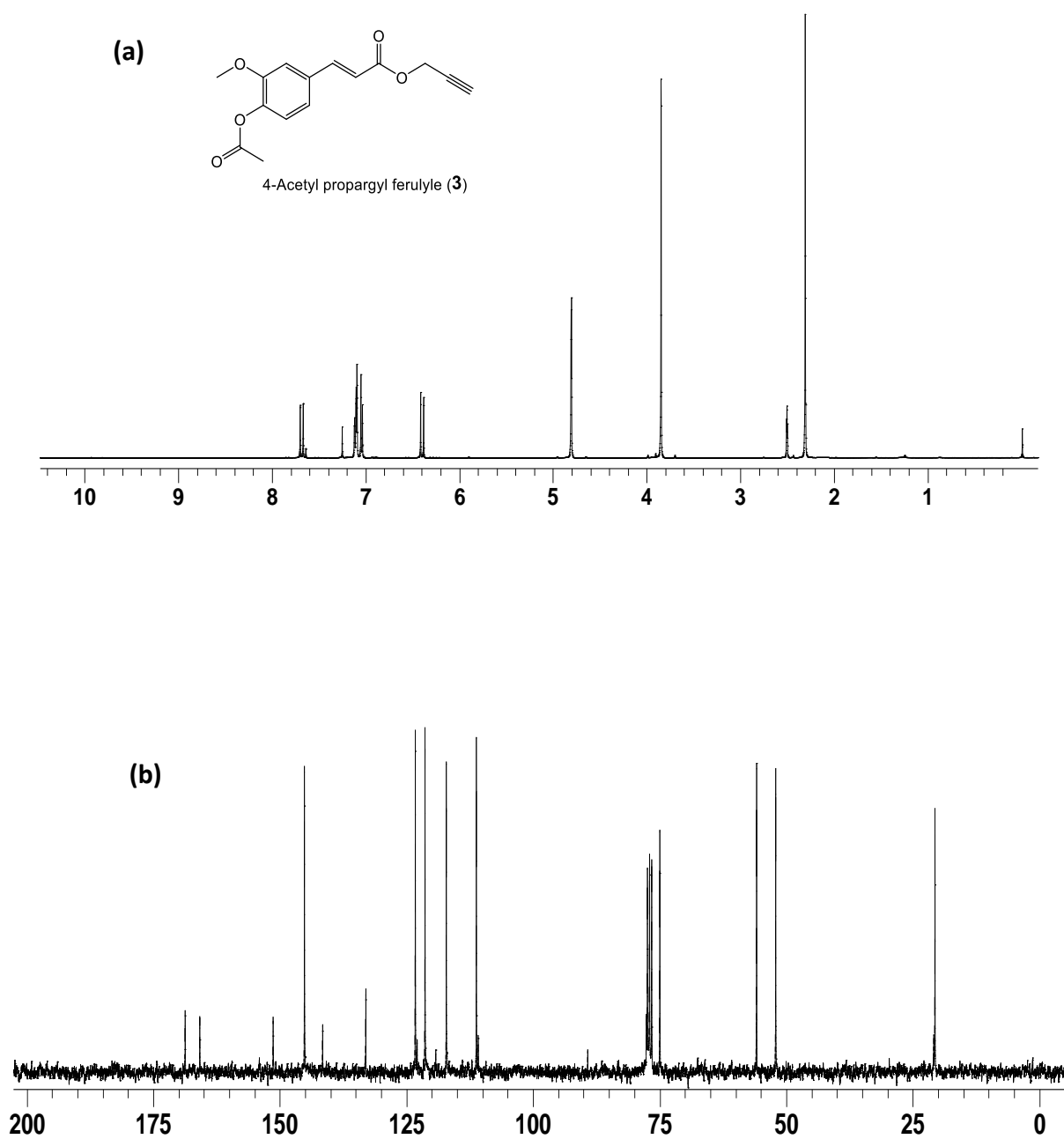


Figure S2. (a) <sup>1</sup>H NMR and (b) <sup>13</sup>C NMR Spectra of compound **3**

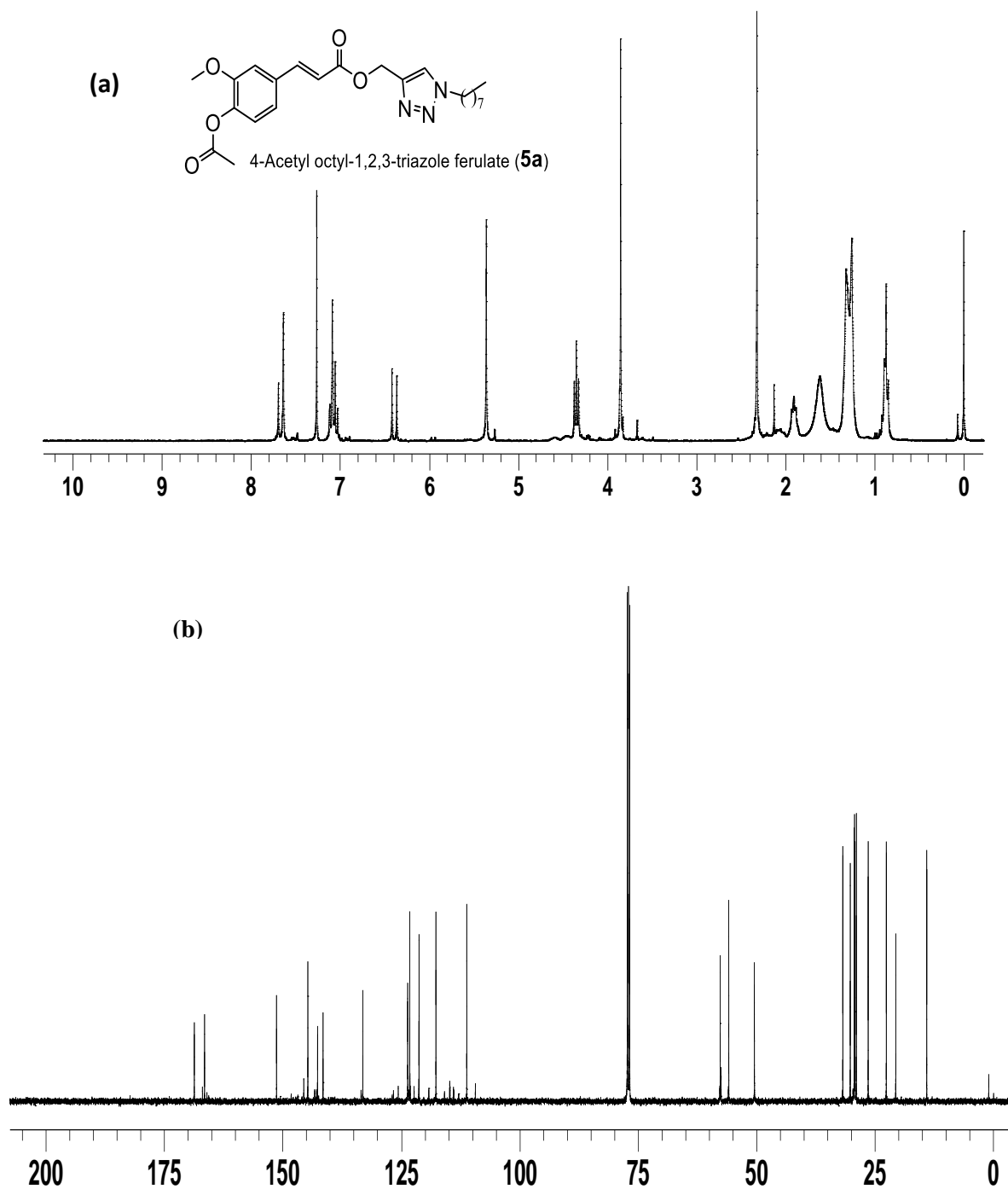


Figure S3. (a)  $^1\text{H}$  NMR and (b)  $^{13}\text{C}$  NMR Spectra of compound **5a**

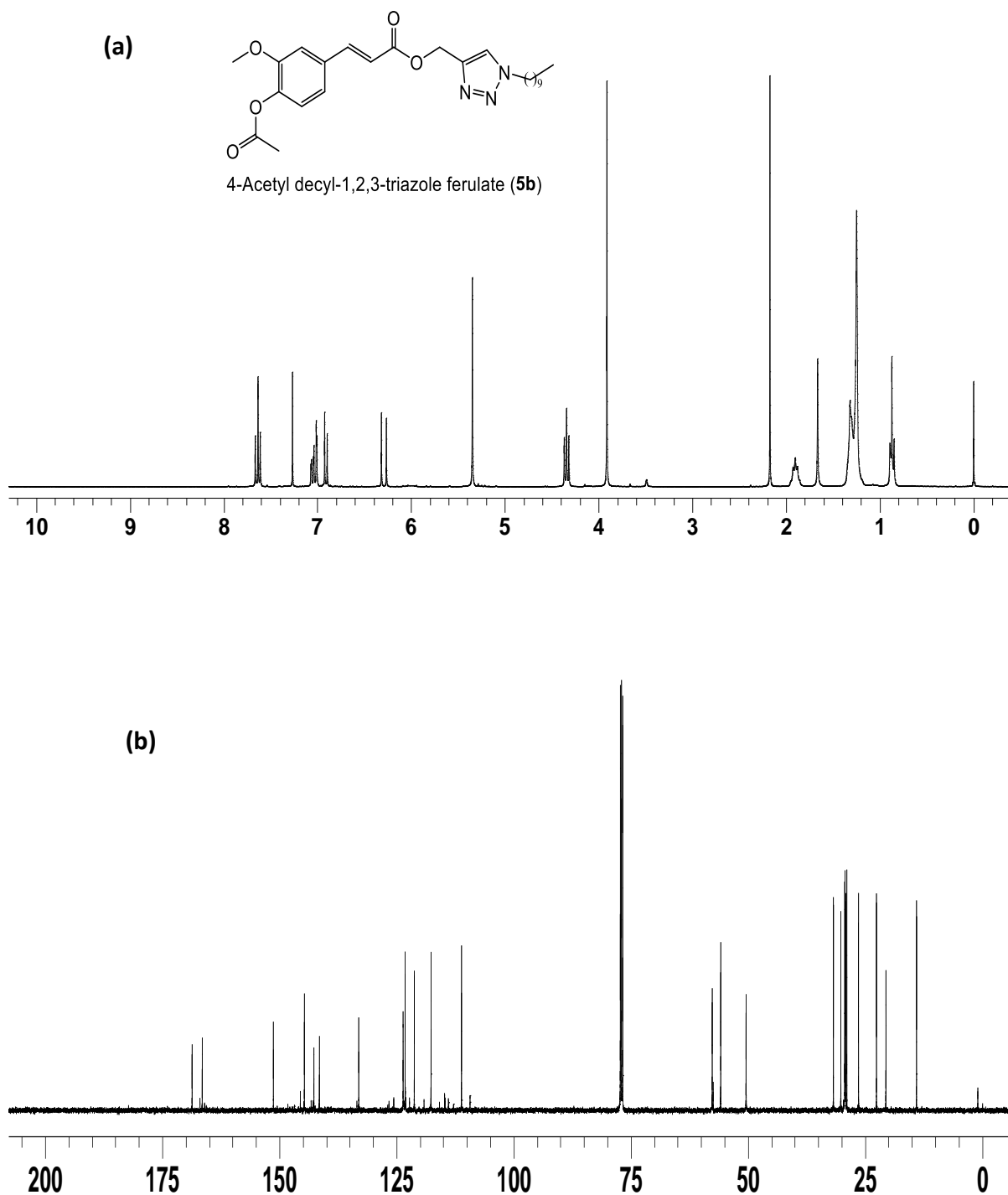


Figure S4. (a)  $^1\text{H}$  NMR and (b)  $^{13}\text{C}$  NMR Spectra of compound **5b**

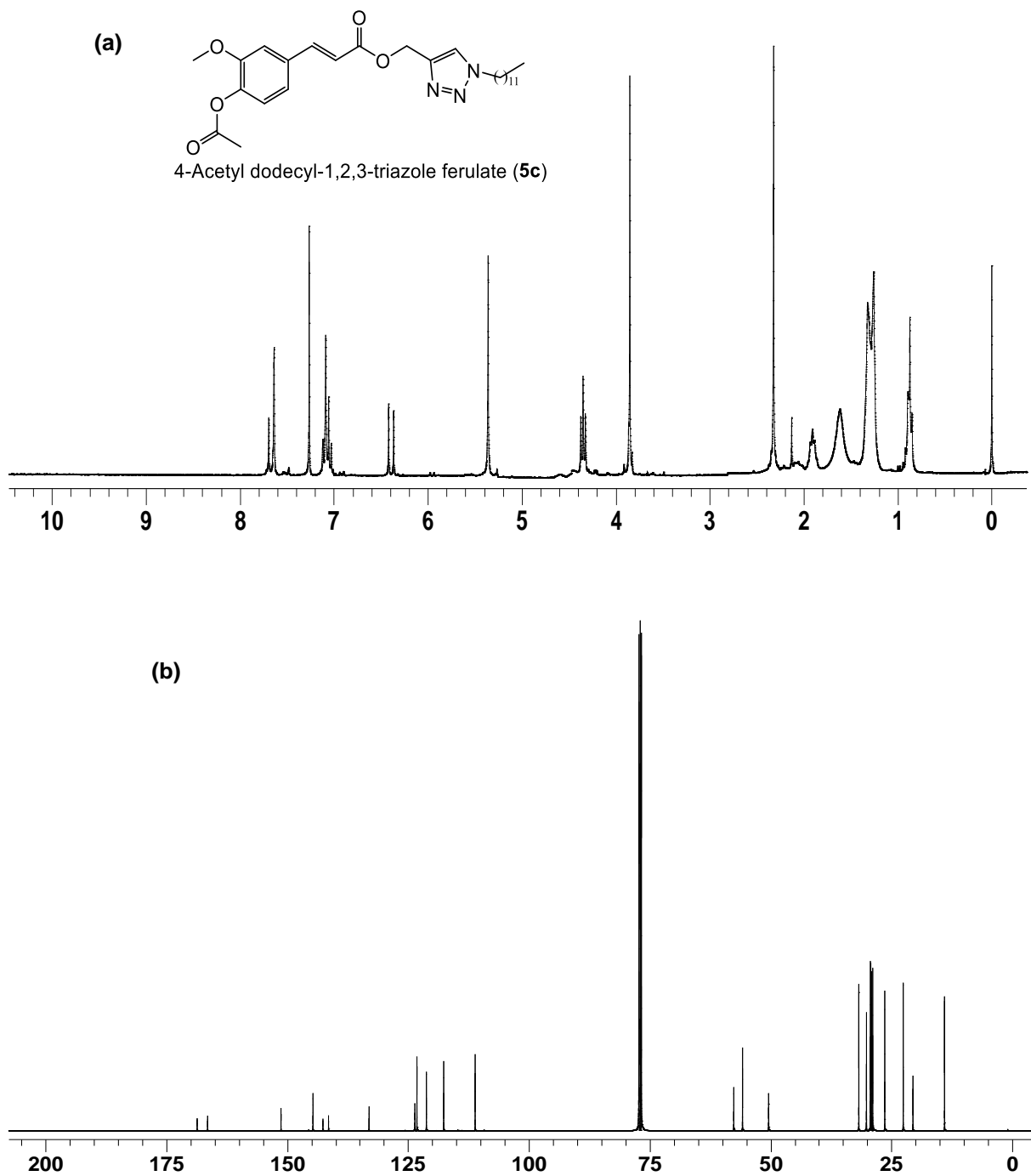


Figure S5. (a) <sup>1</sup>H NMR and (b) <sup>13</sup>C NMR Spectra of compound **5c**

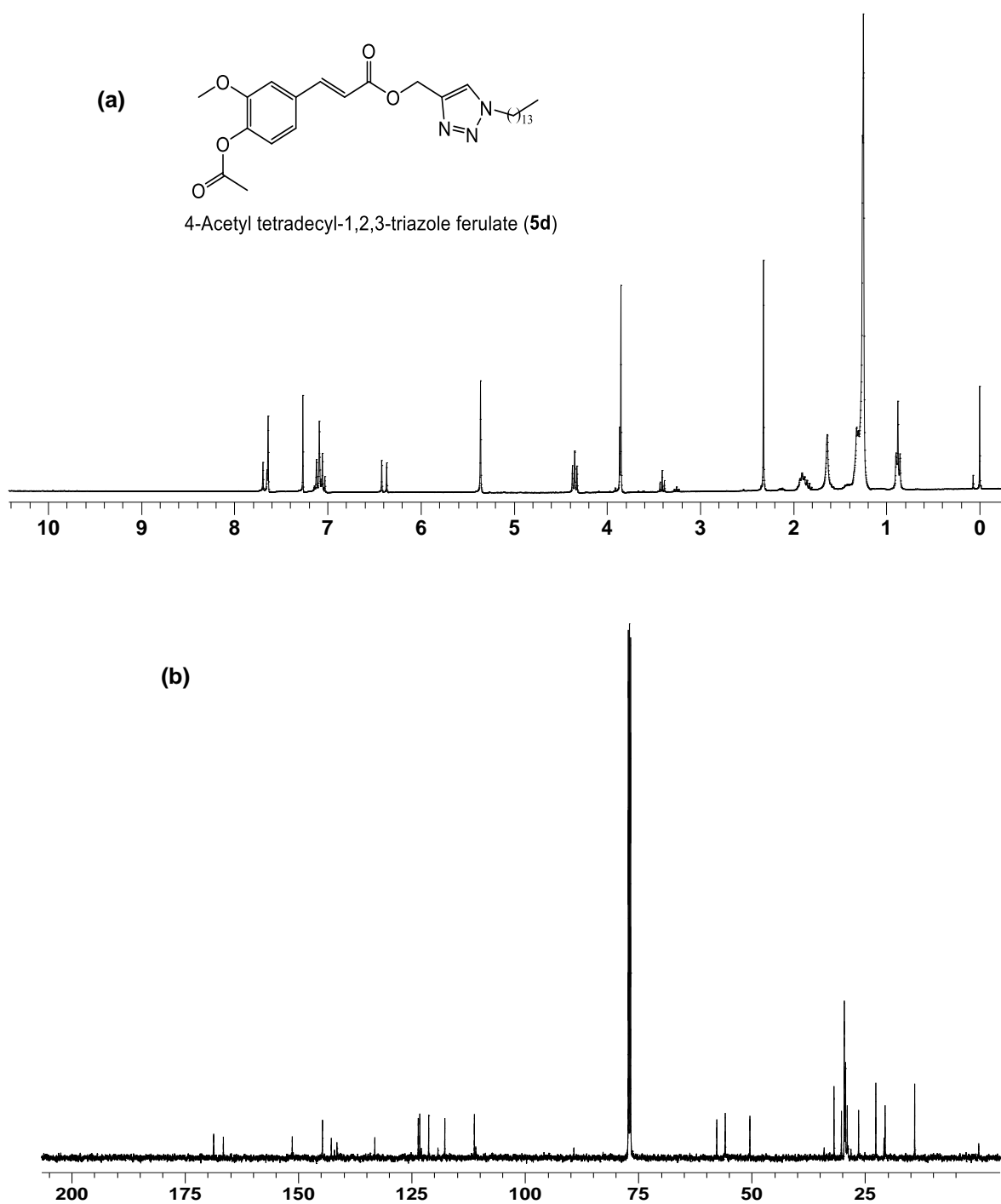


Figure S6. (a) <sup>1</sup>H NMR and (b) <sup>13</sup>C NMR Spectra of compound **5d**

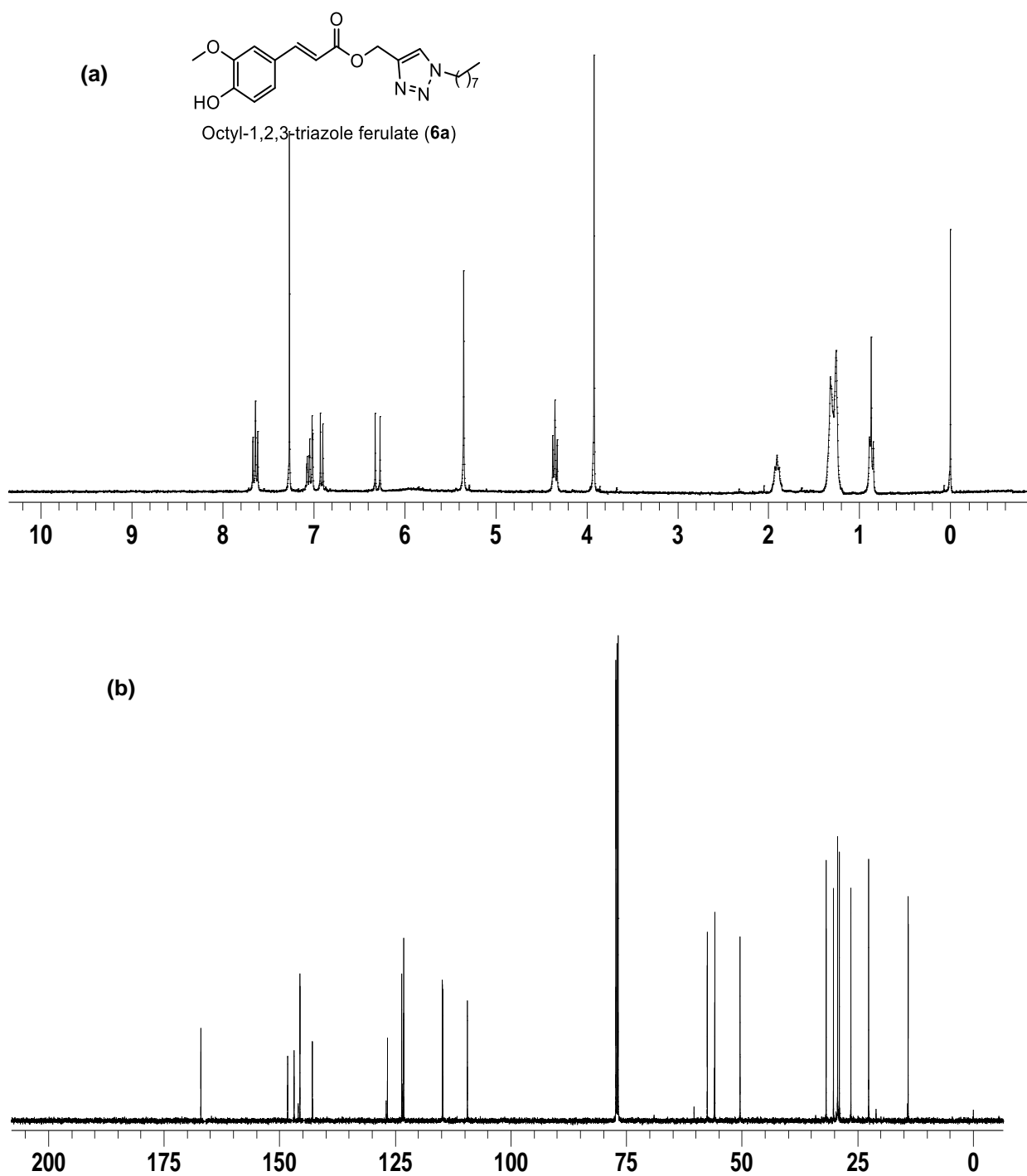
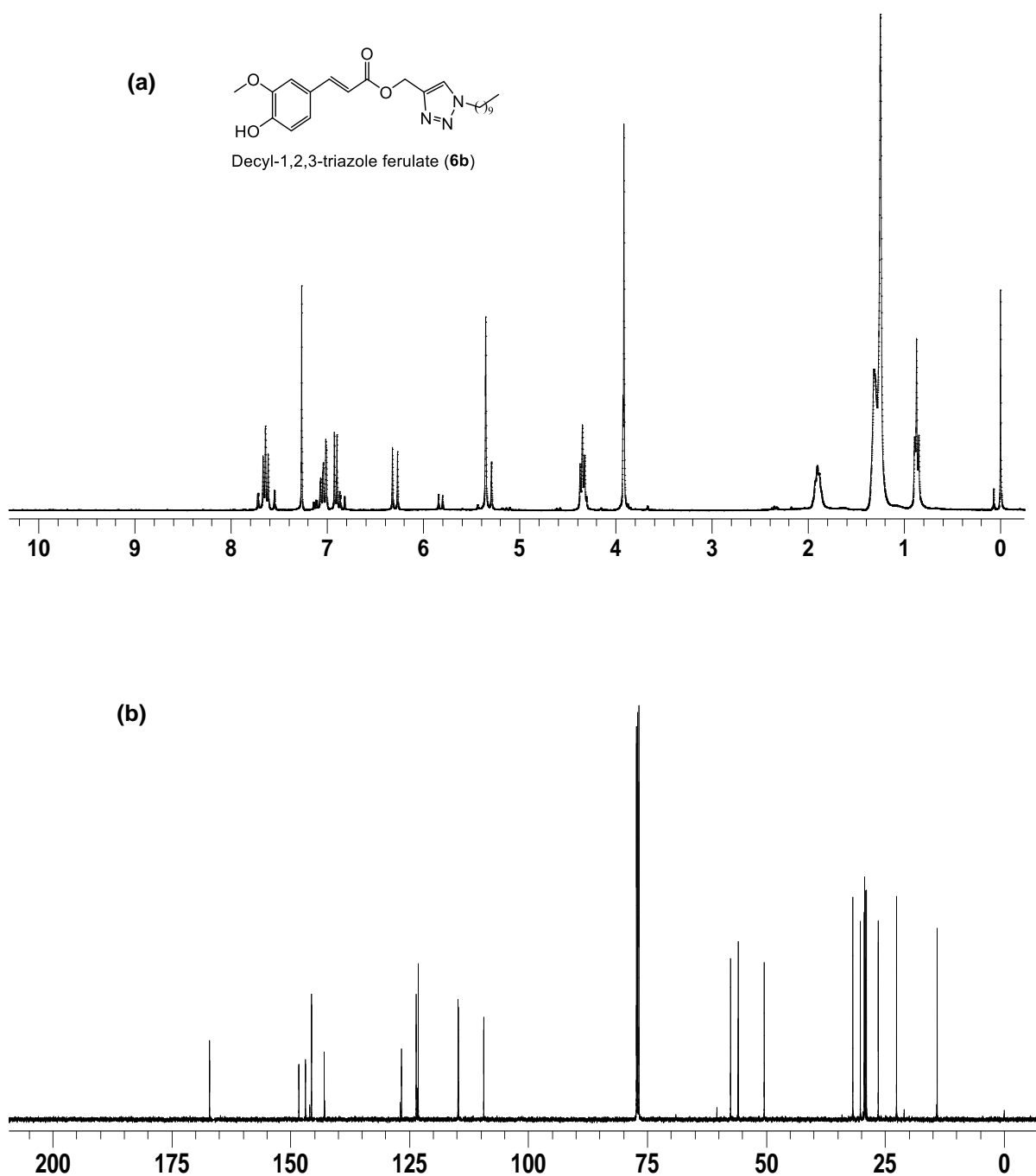


Figure S7. (a)  $^1\text{H}$  NMR and (b)  $^{13}\text{C}$  NMR Spectra of compound **6a**





**Figure S8.** (a) <sup>1</sup>H NMR and (b) <sup>13</sup>C NMR Spectra of compound **6b**

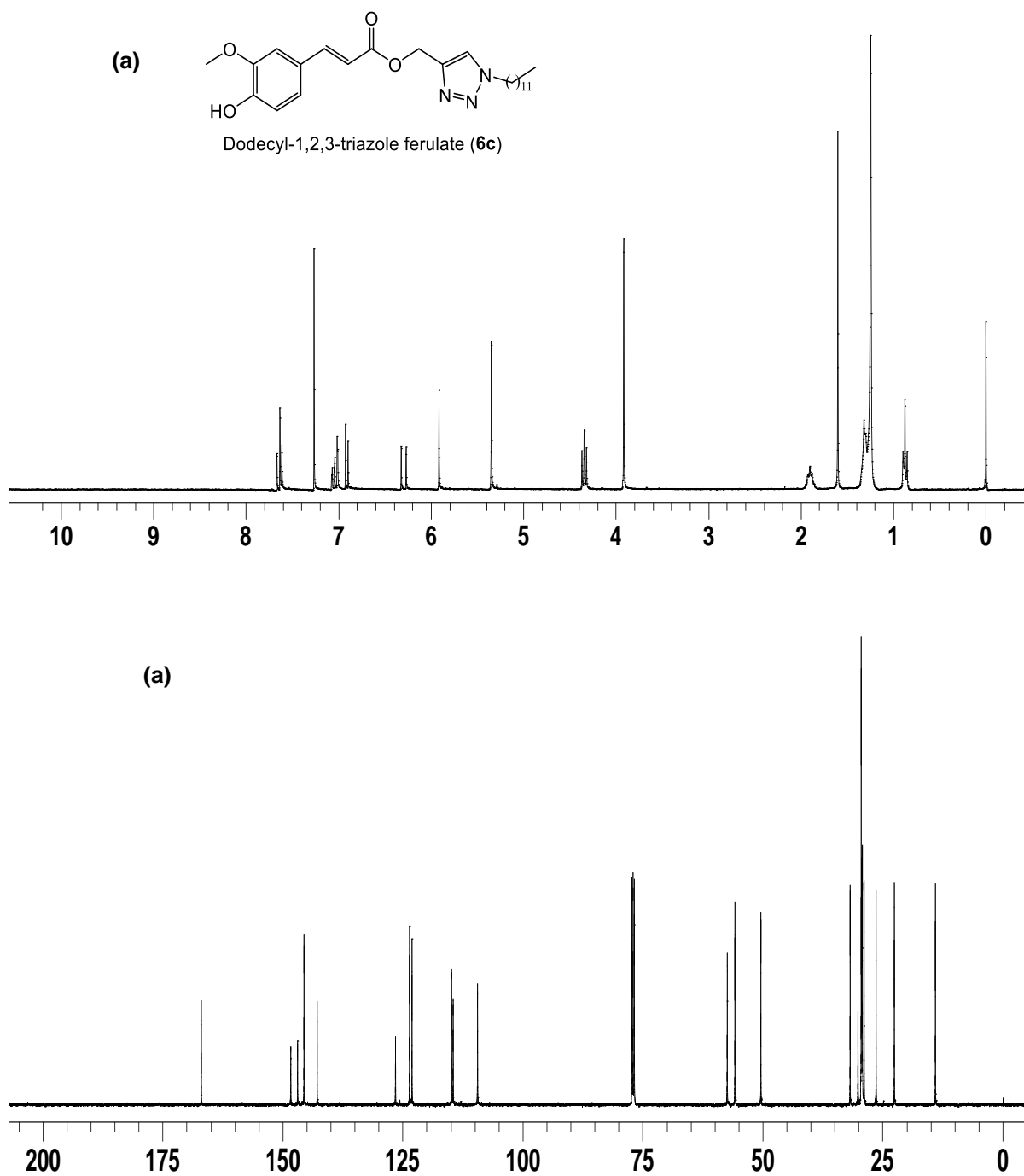


Figure S9. (a) <sup>1</sup>H NMR and (b) <sup>13</sup>C NMR Spectra of compound **6c**

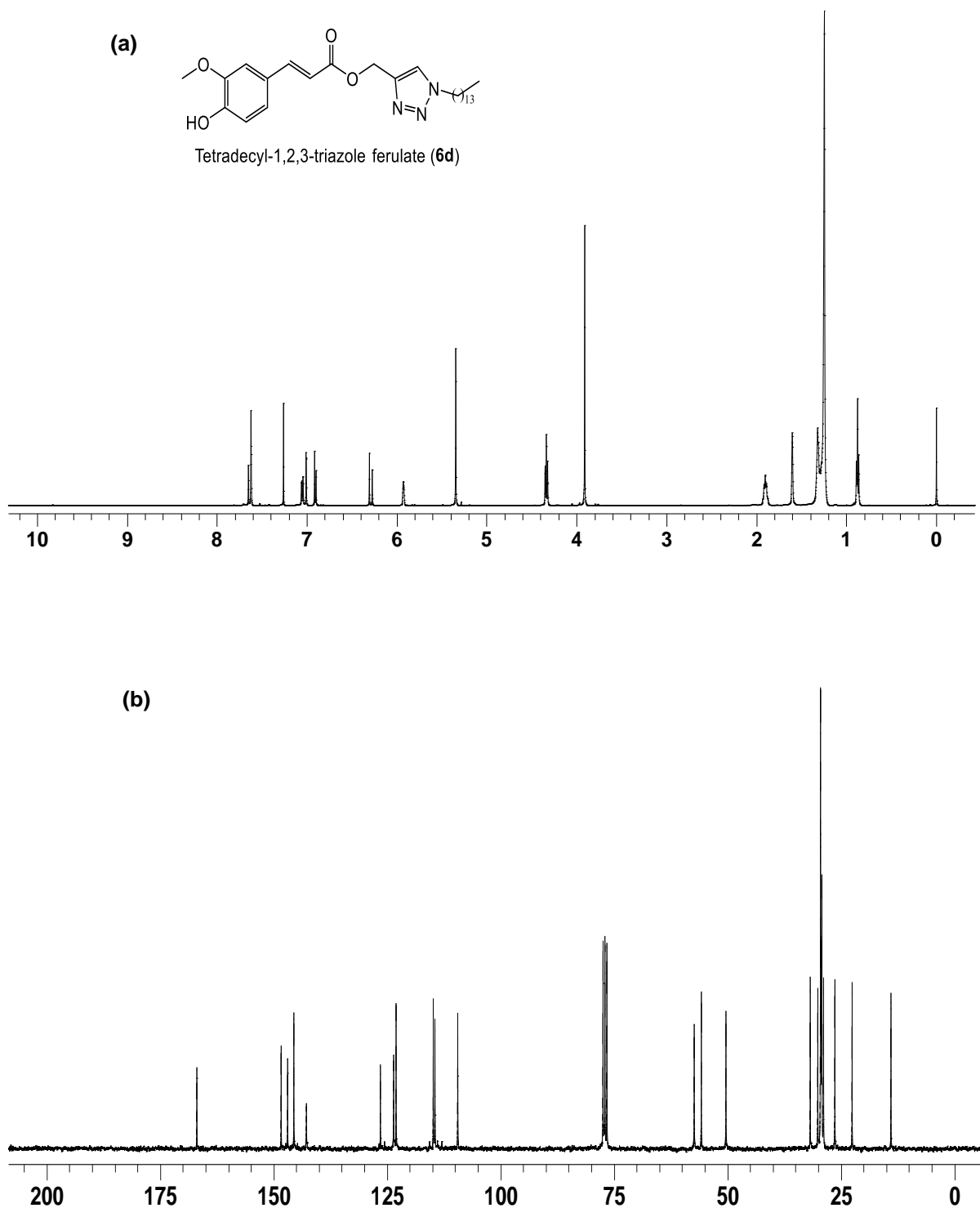


Figure S10. (a) <sup>1</sup>H NMR and (b) <sup>13</sup>C NMR Spectra of compound **6d**