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SUPPLEMENTARY MATERIALS

Synthesis of novel saccharin derivatives

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^{1}H, ^{13}C and ^{19}F NMR spectra

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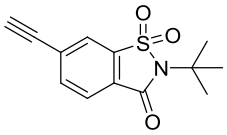
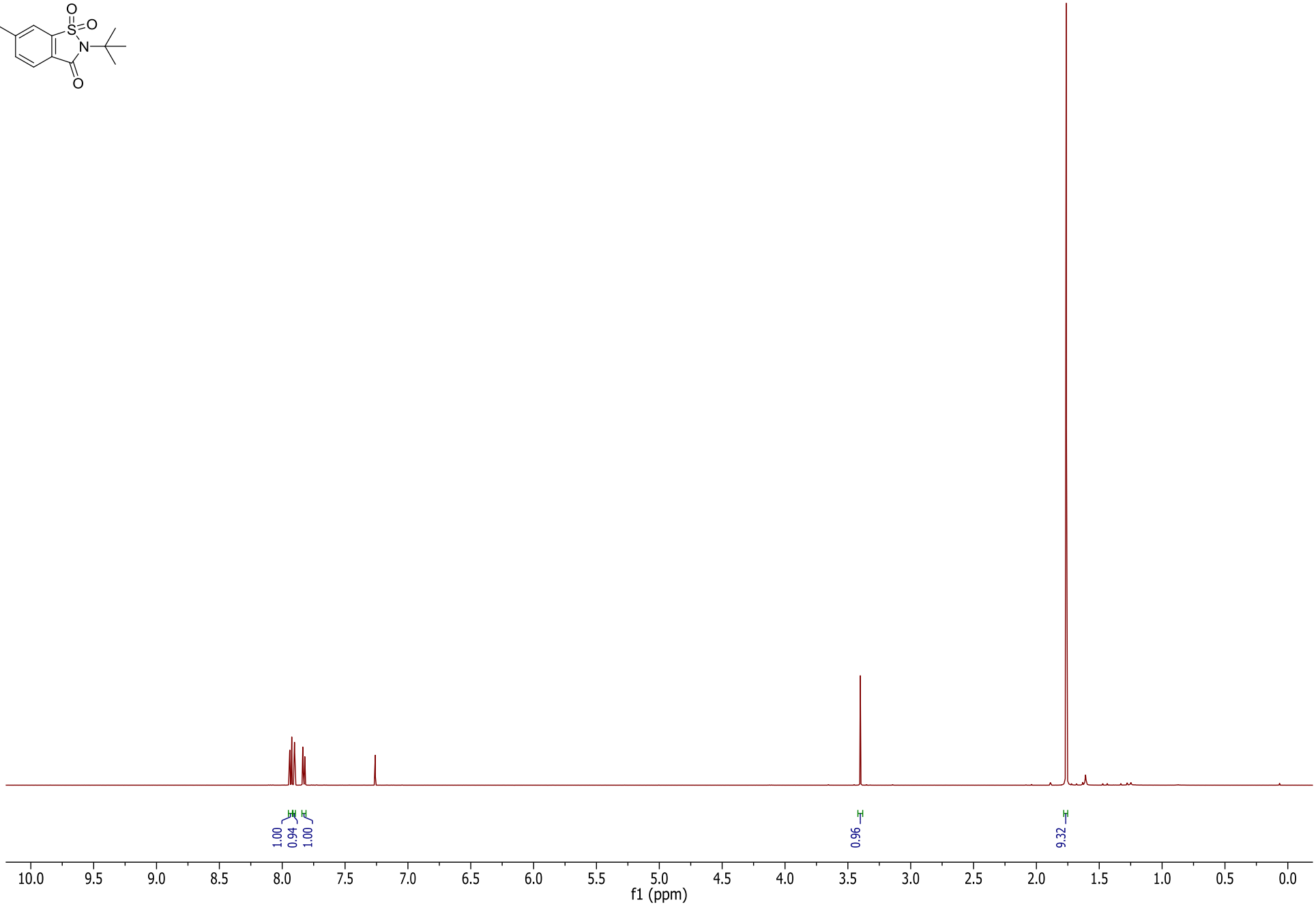
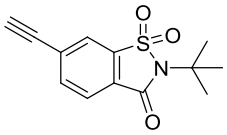
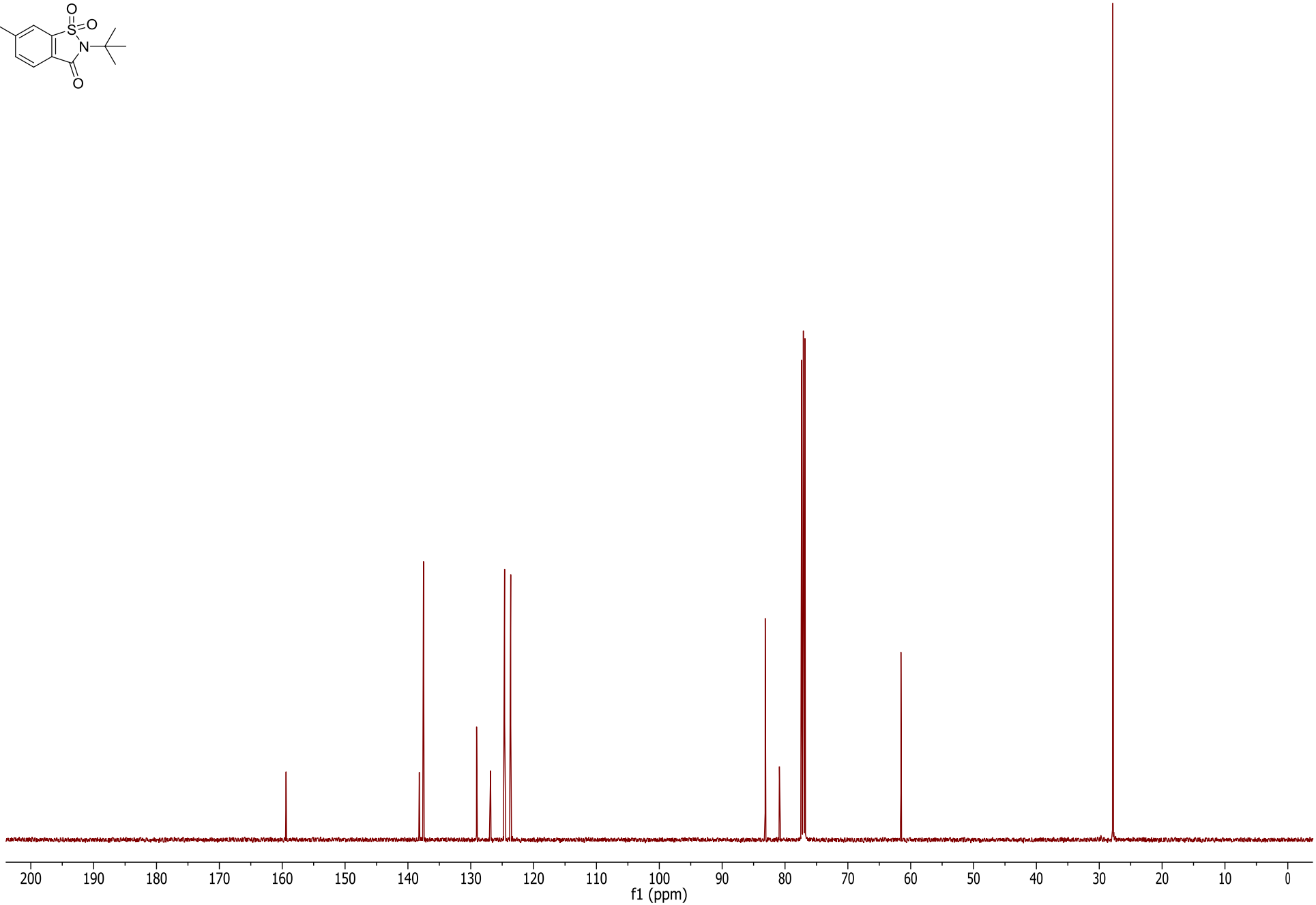
Compound **5** 500 MHz ^{1}H NMR $CDCl_3$



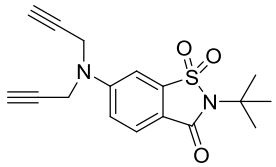


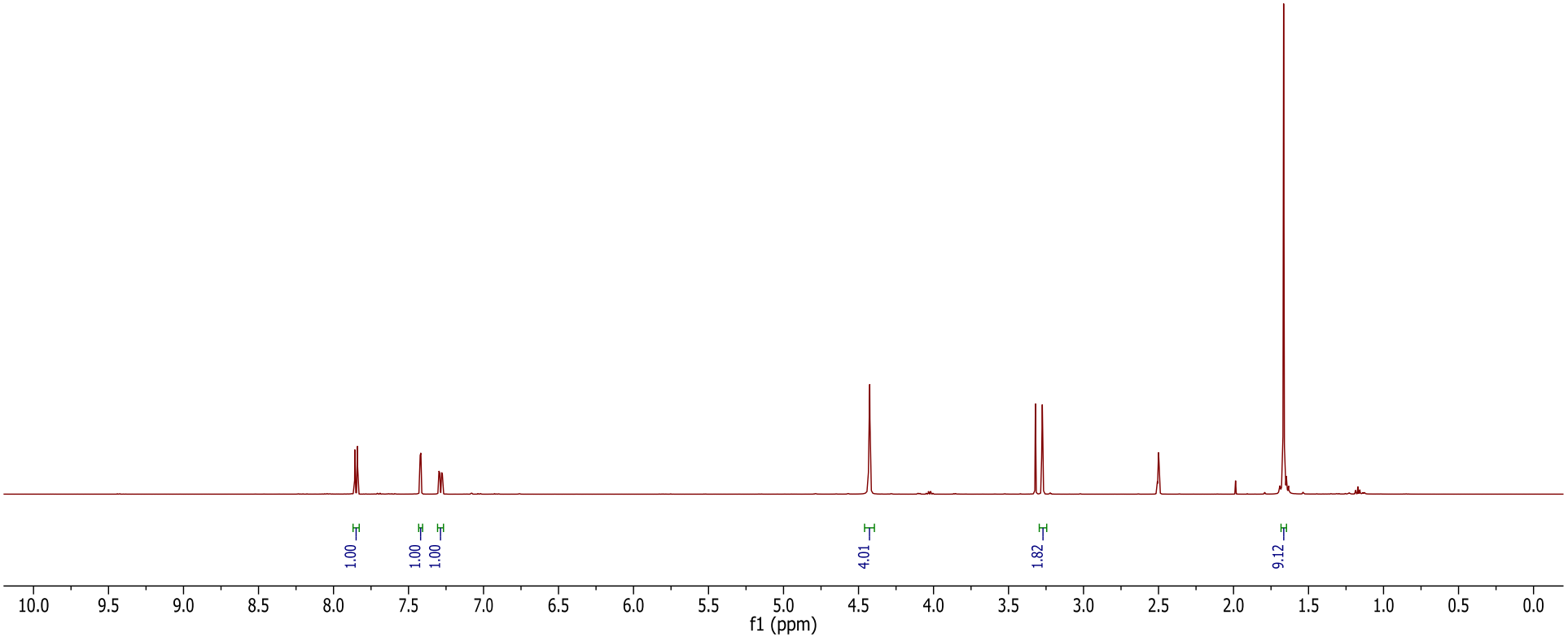
Compound **5** 125 MHz ^{13}C NMR $CDCl_3$



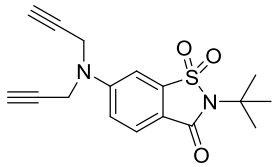


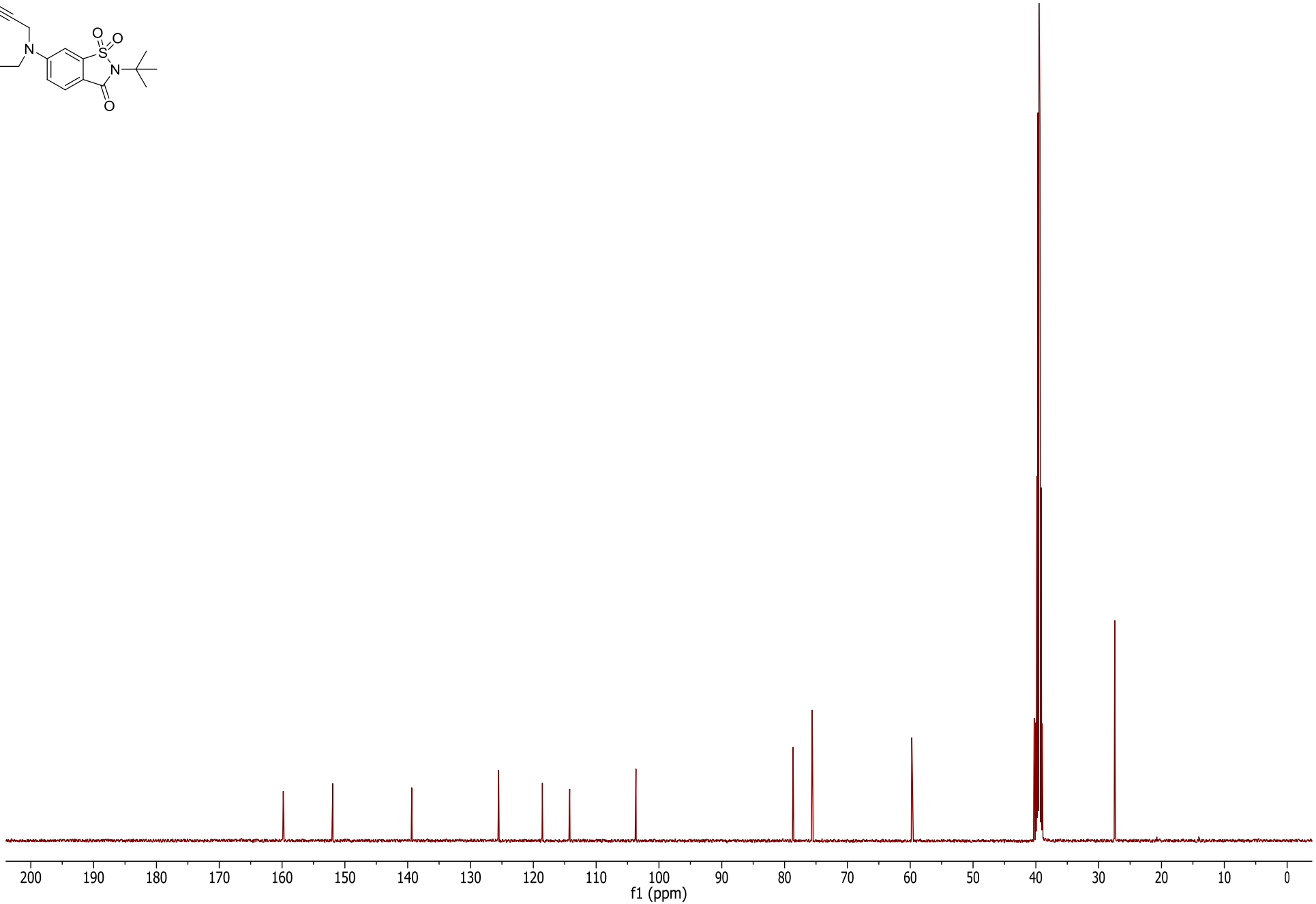
Compound **6** 500 MHz ^{1}H NMR $(CD_3)_2SO$



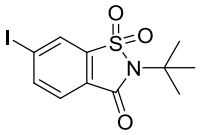


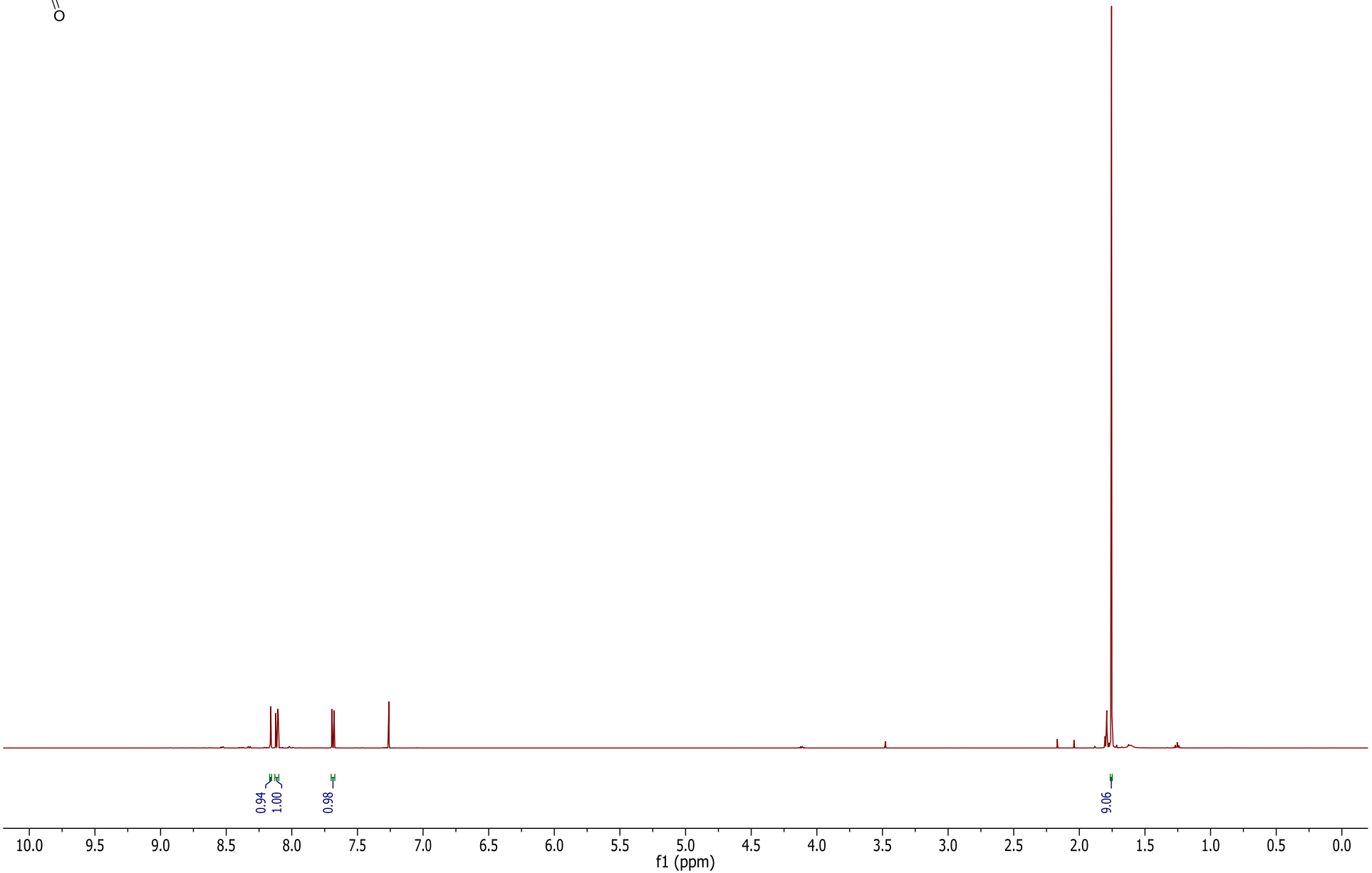
Compound **6** 125 MHz ^{13}C NMR $(CD_3)_2SO$



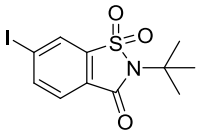


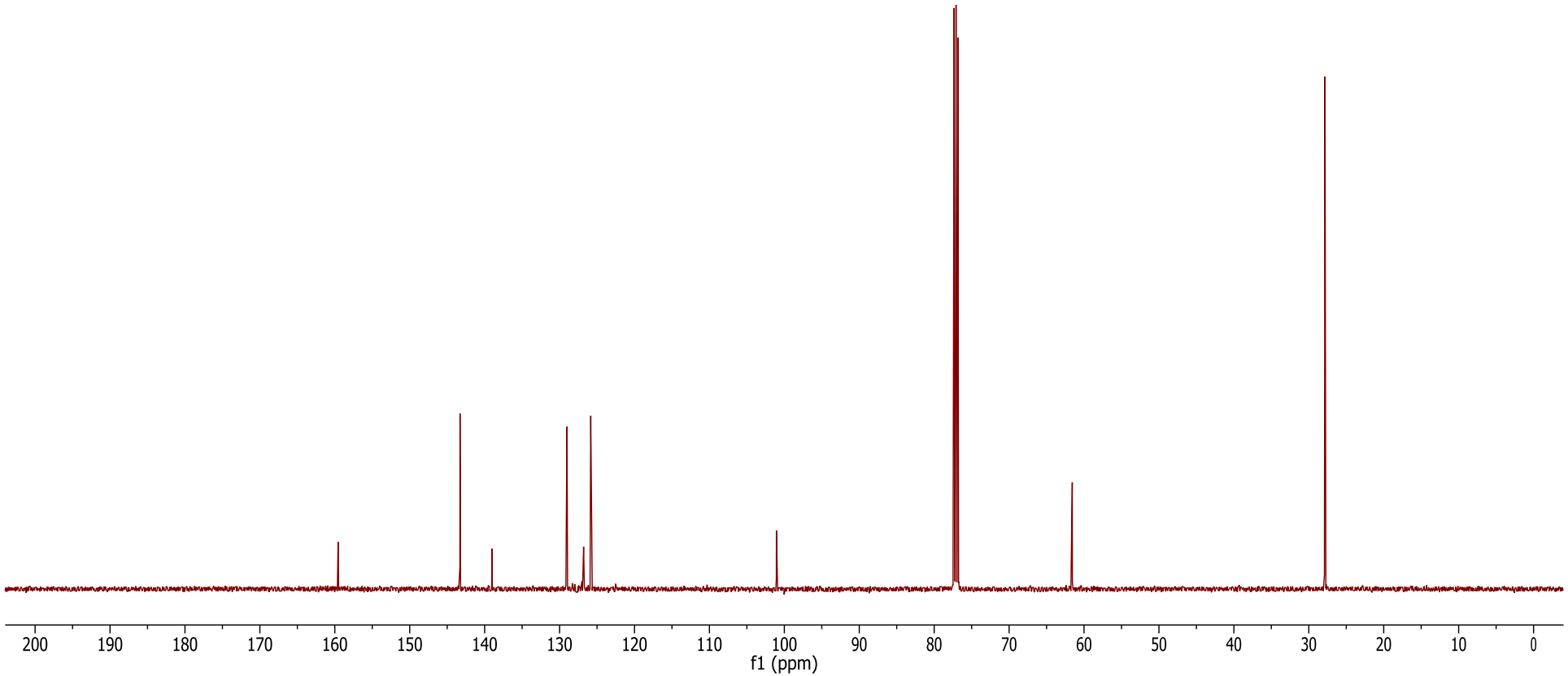
Compound **8** 500 MHz ^{1}H NMR $CDCl_3$



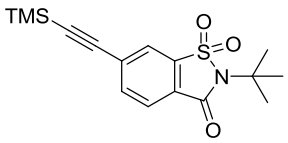


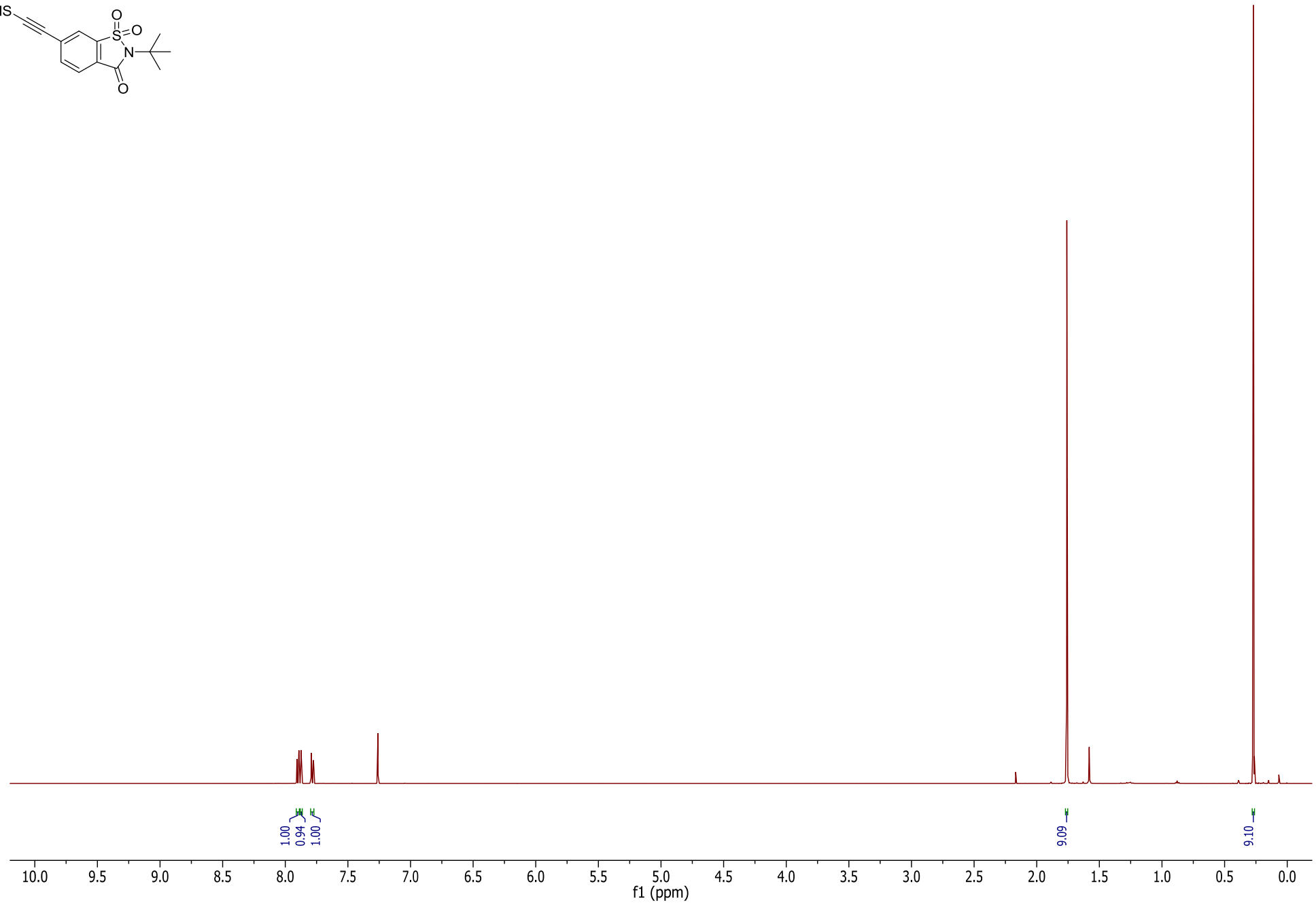
Compound **8** 125 MHz ^{13}C NMR $CDCl_3$



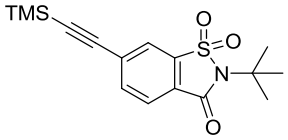


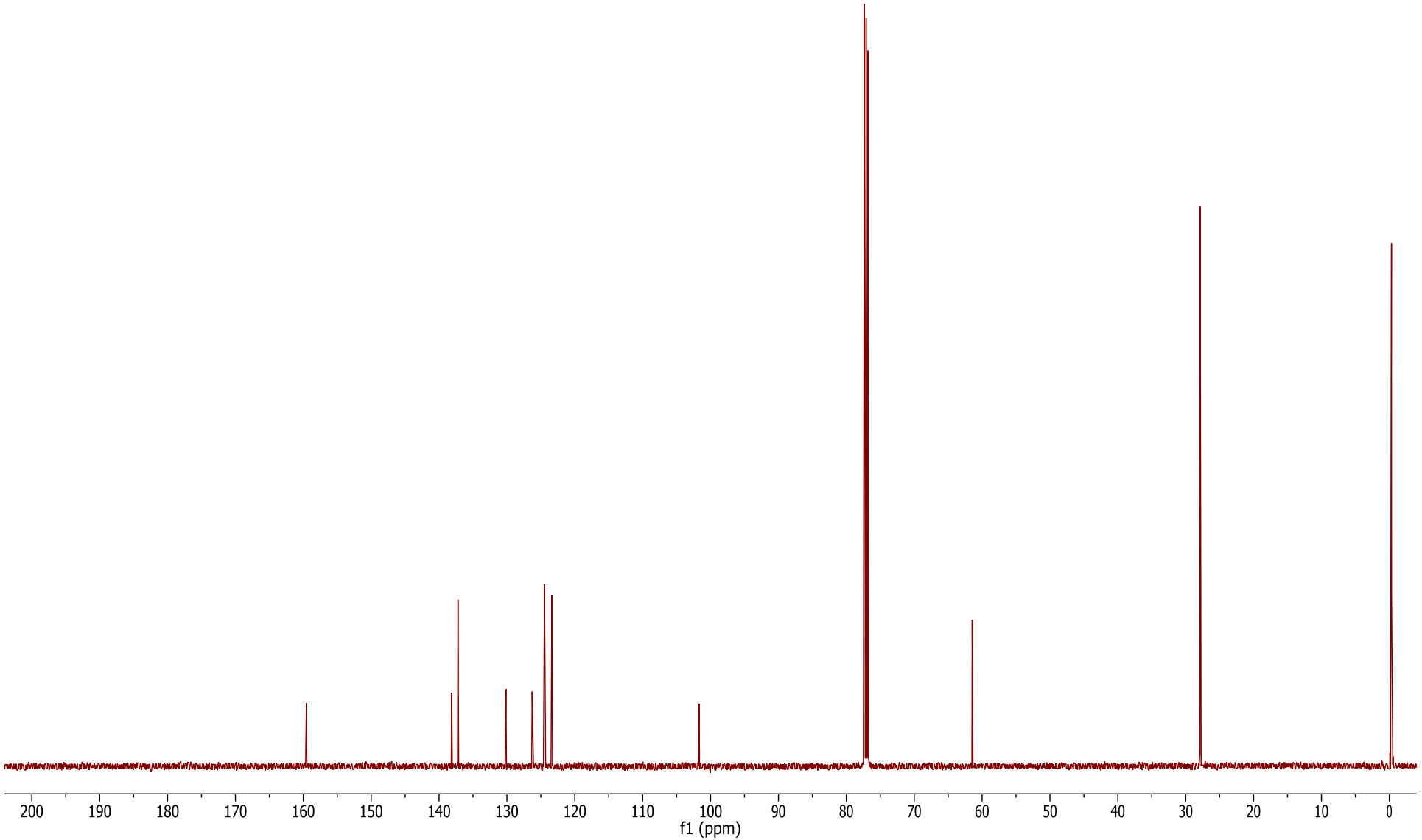
Compound **9** 500 MHz ^{1}H NMR $CDCl_3$



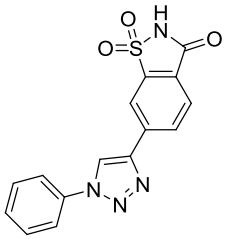


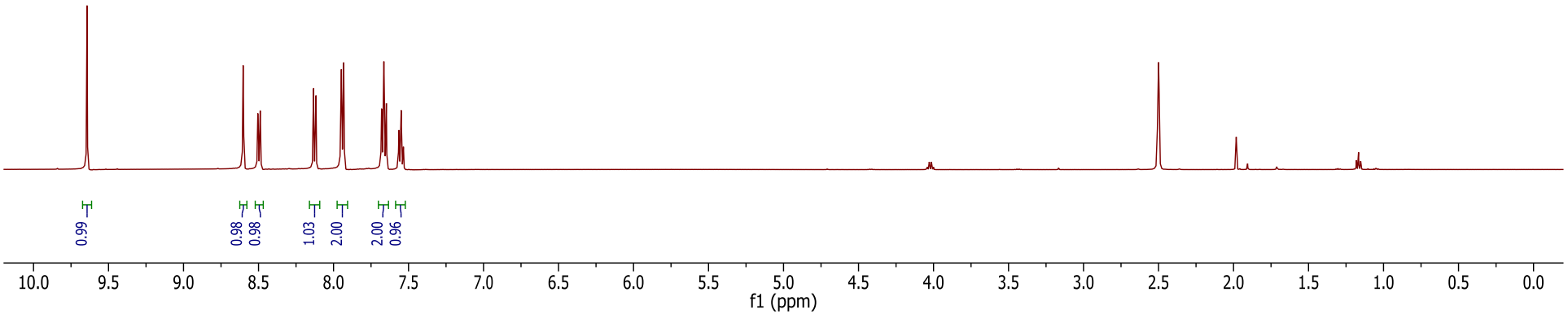
Compound **9** 125 MHz ^{13}C NMR $CDCl_3$



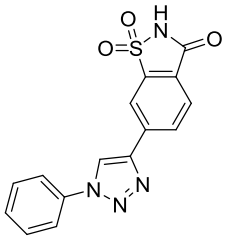


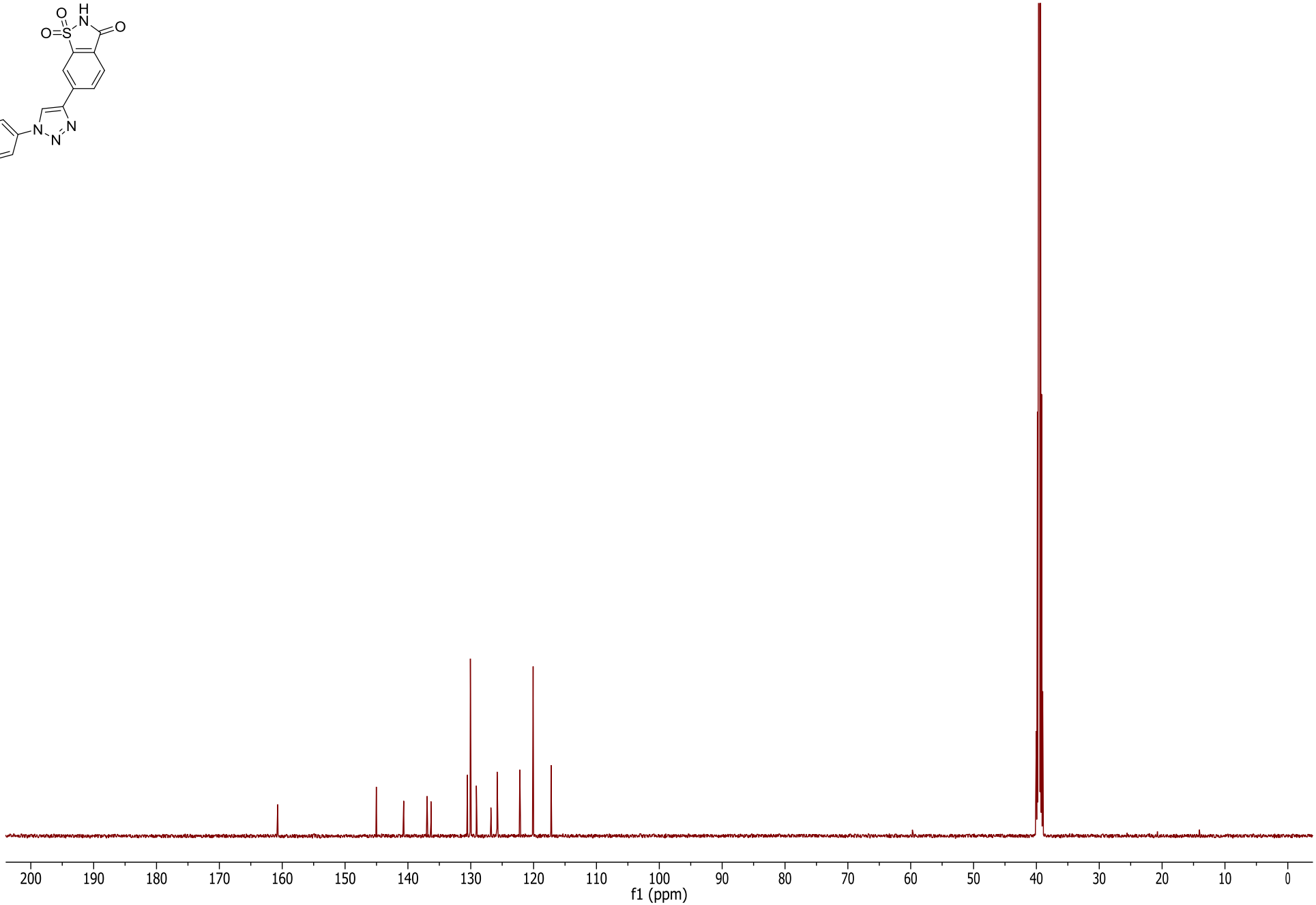
Compound **10** 500 MHz ^{1}H NMR $(CD_3)_2SO$



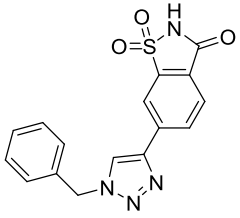


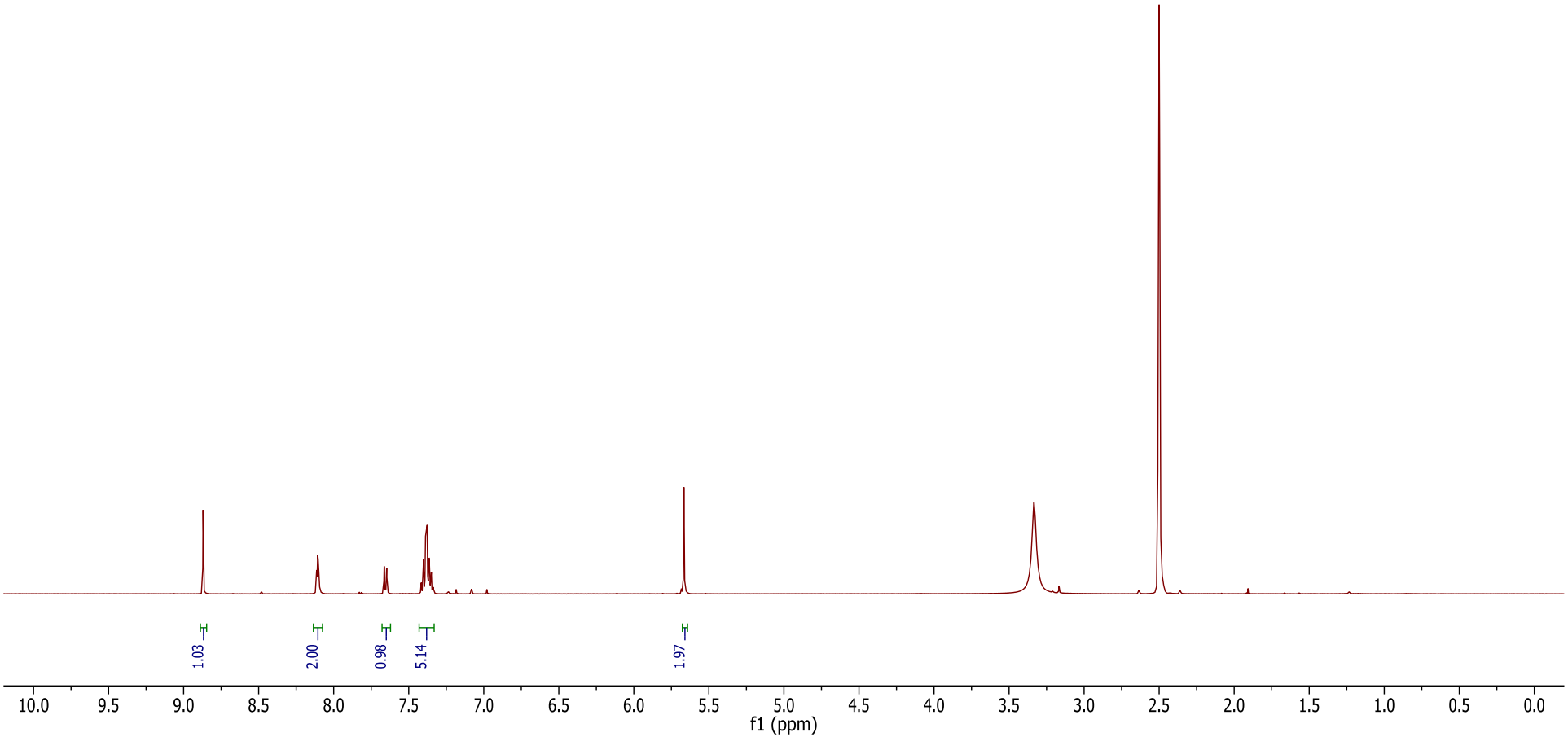
Compound **10** 125 MHz ^{13}C NMR $(CD_3)_2SO$



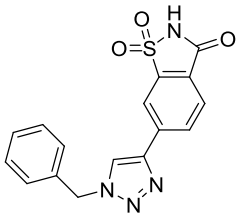


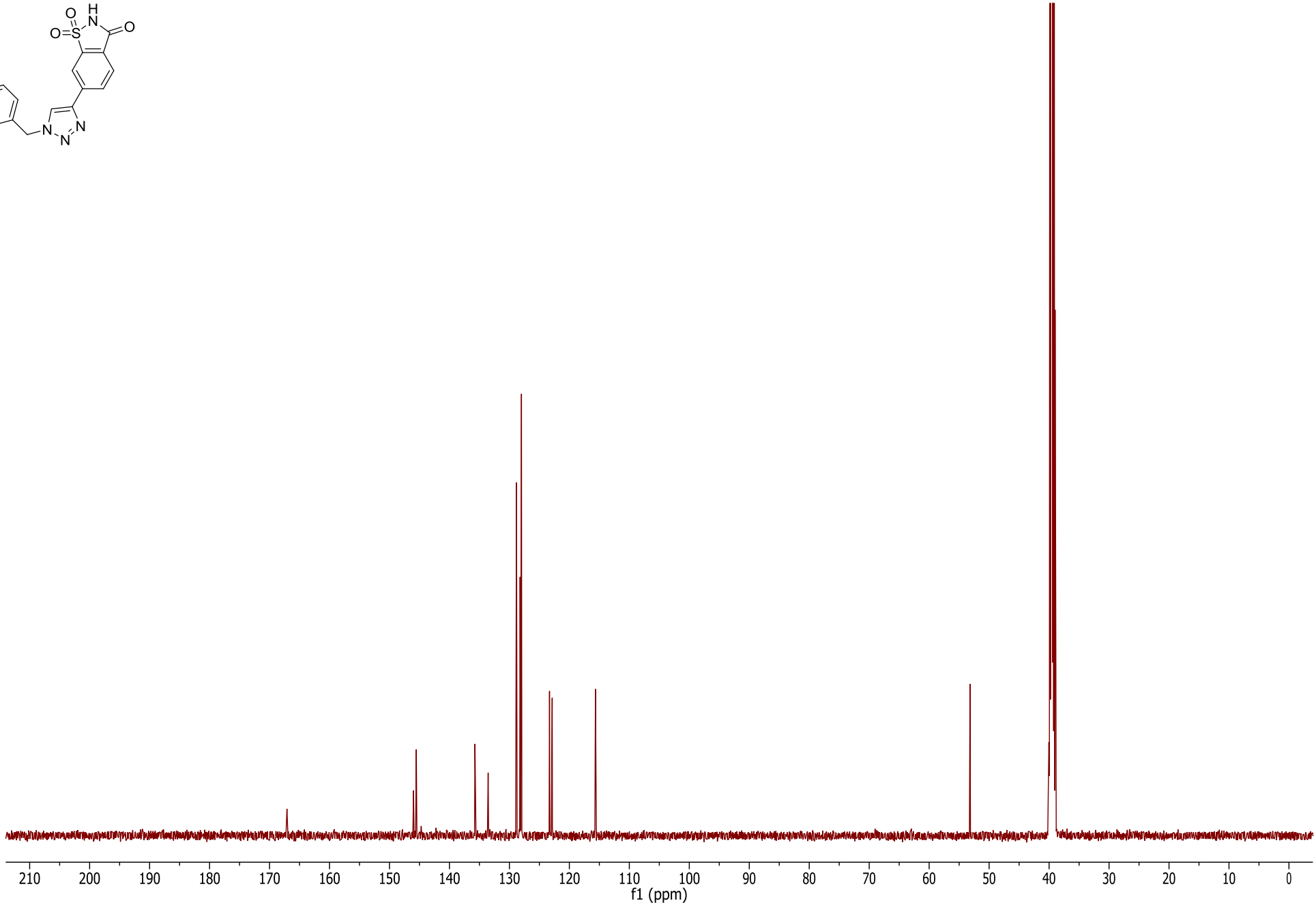
Compound **11** 500 MHz ^{1}H NMR $(CD_3)_2SO$



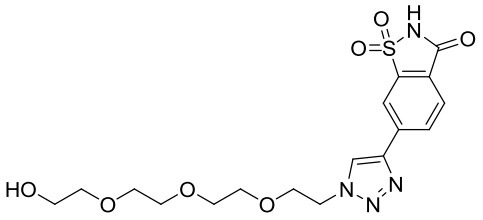


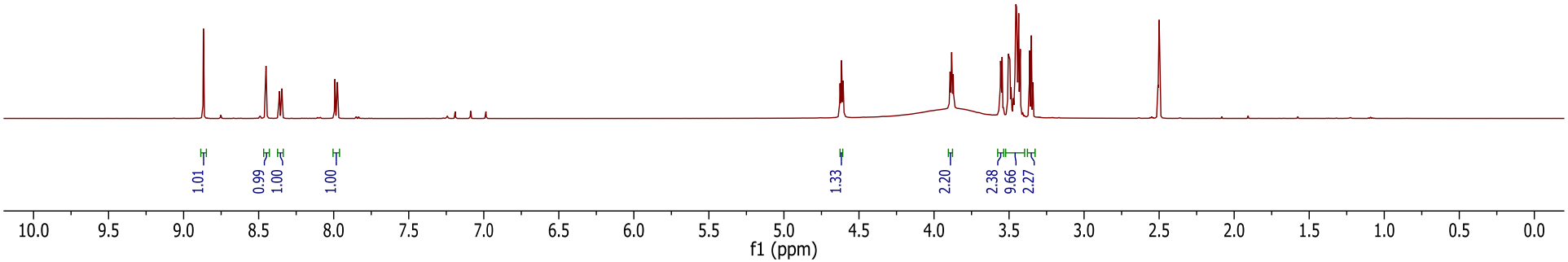
Compound **11** 125 MHz ^{13}C NMR $(CD_3)_2SO$



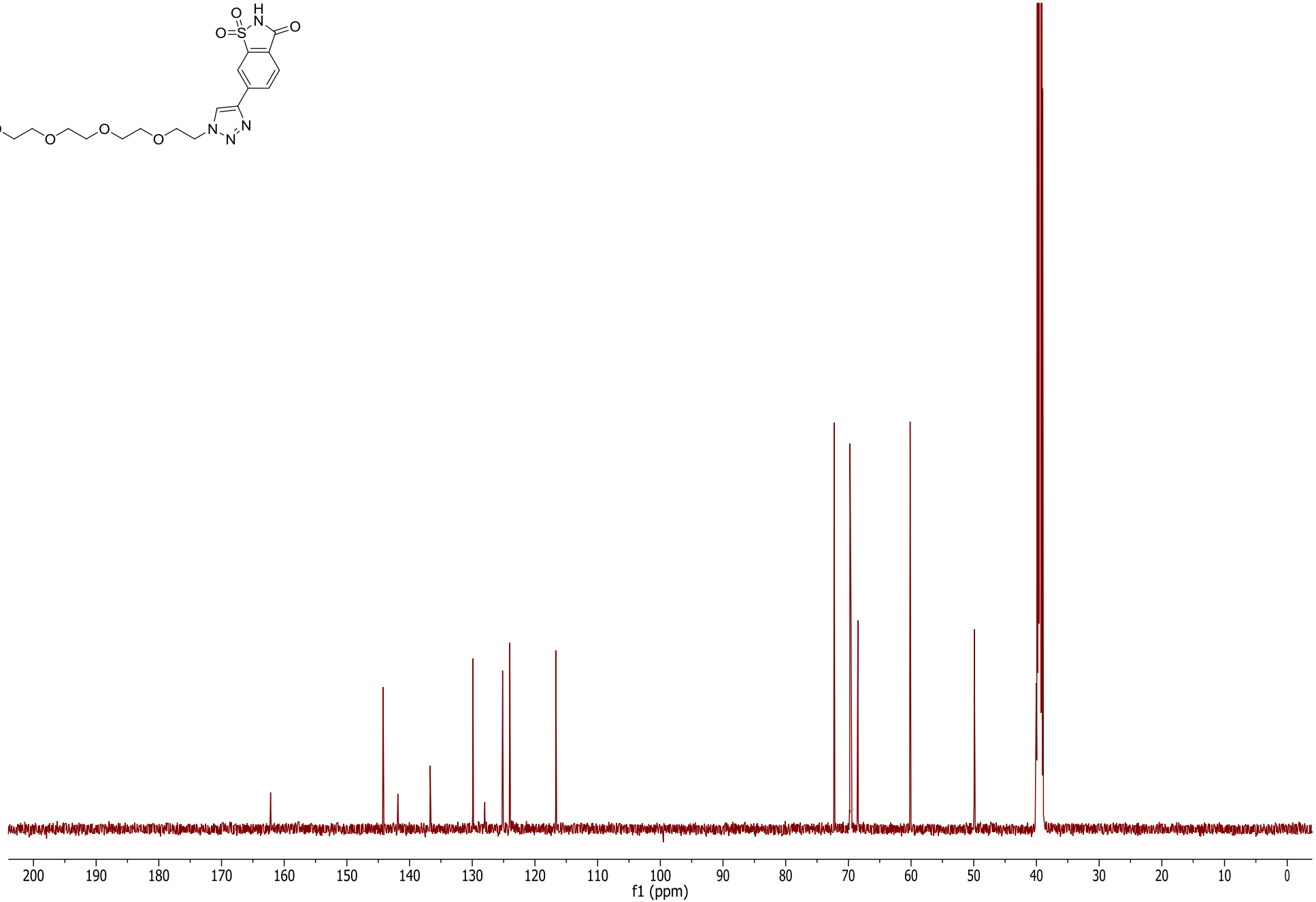


Compound **12** 500 MHz ^{1}H NMR $(CD_3)_2SO$

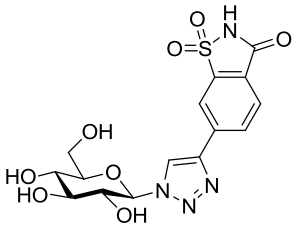


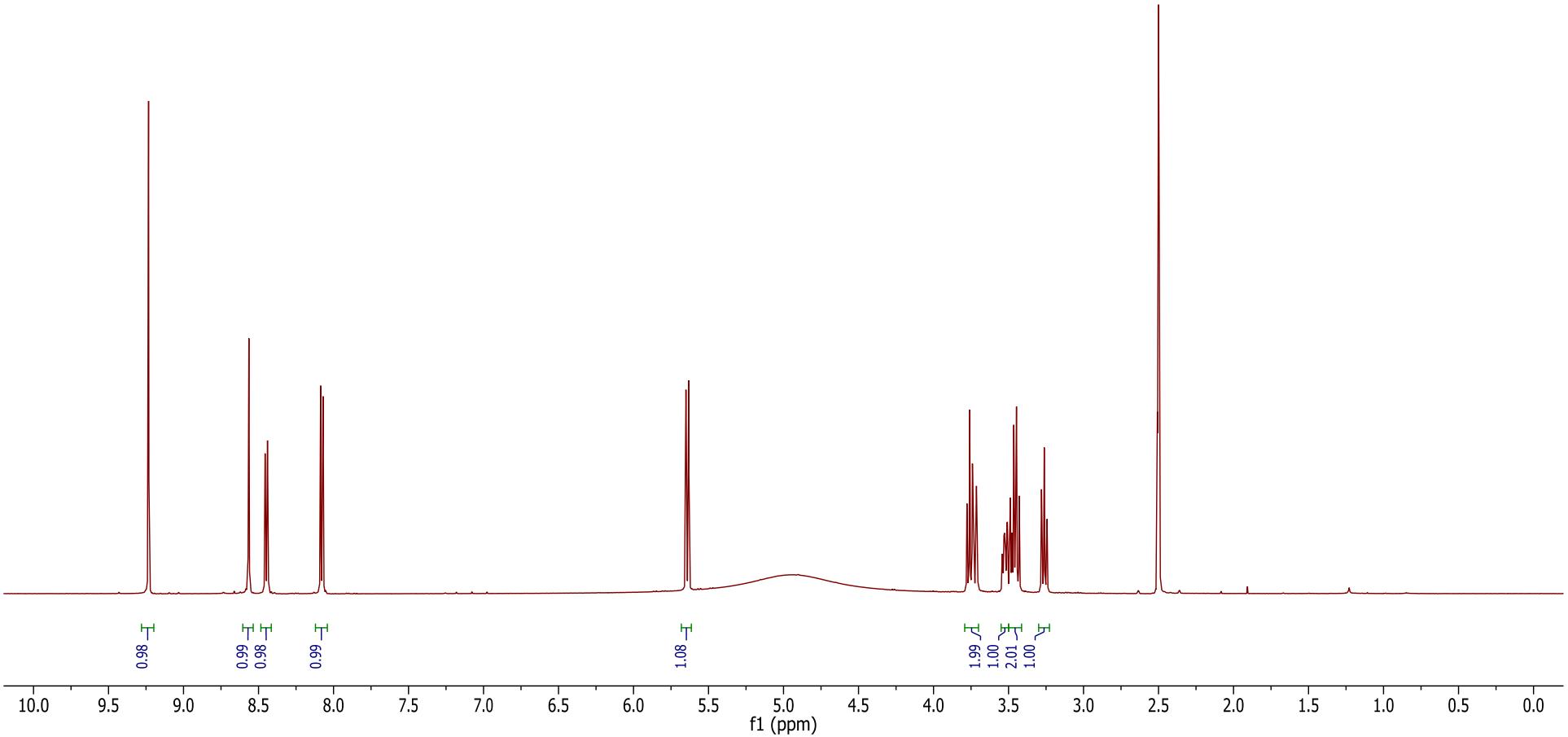


Compound **12** 125 MHz ^{13}C NMR $(CD_3)_2SO$

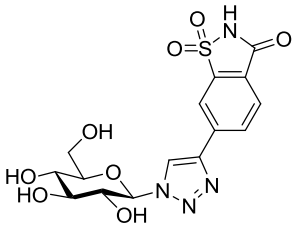


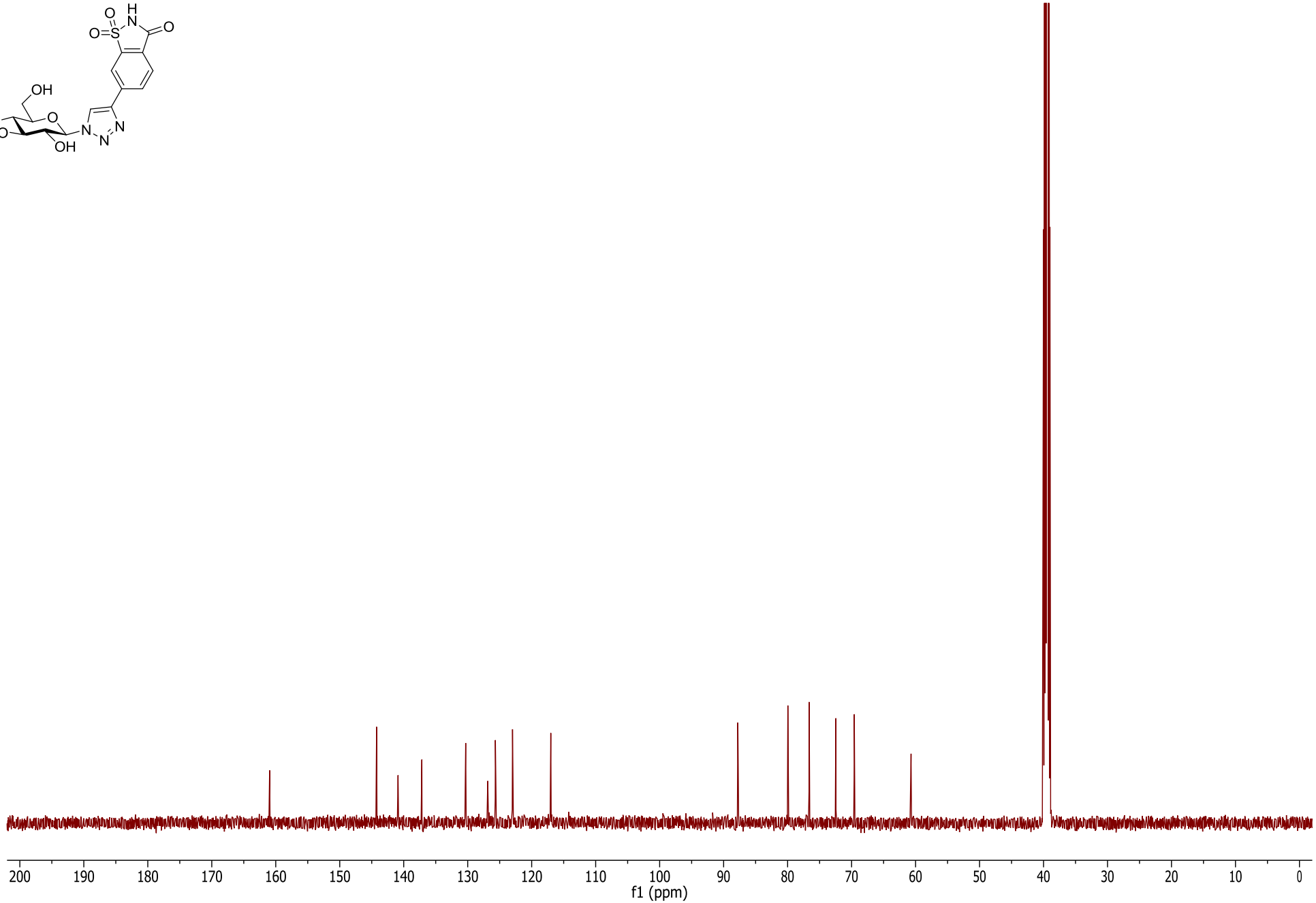
Compound **13** 500 MHz ^{1}H NMR $(CD_3)_2SO$



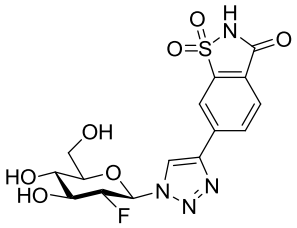


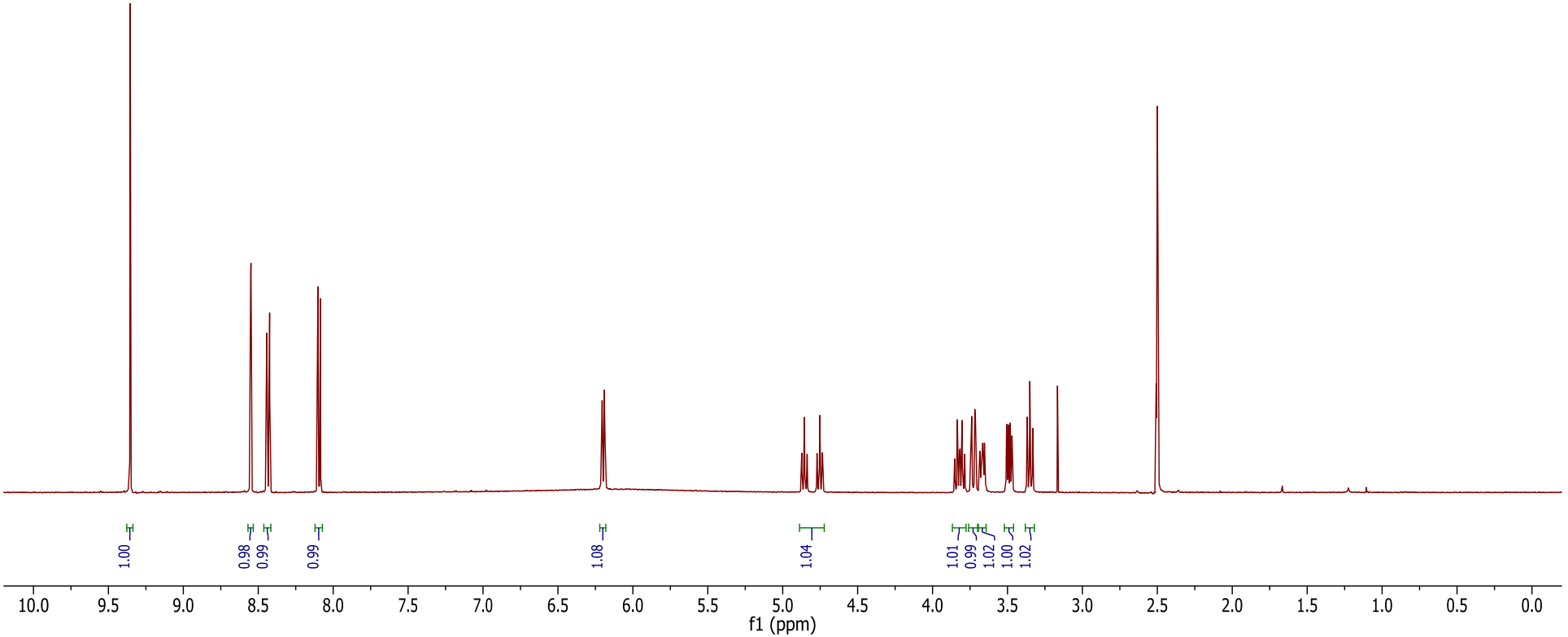
Compound **13** 125 MHz ^{13}C NMR $(CD_3)_2SO$



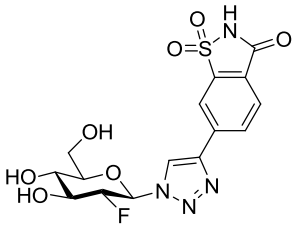


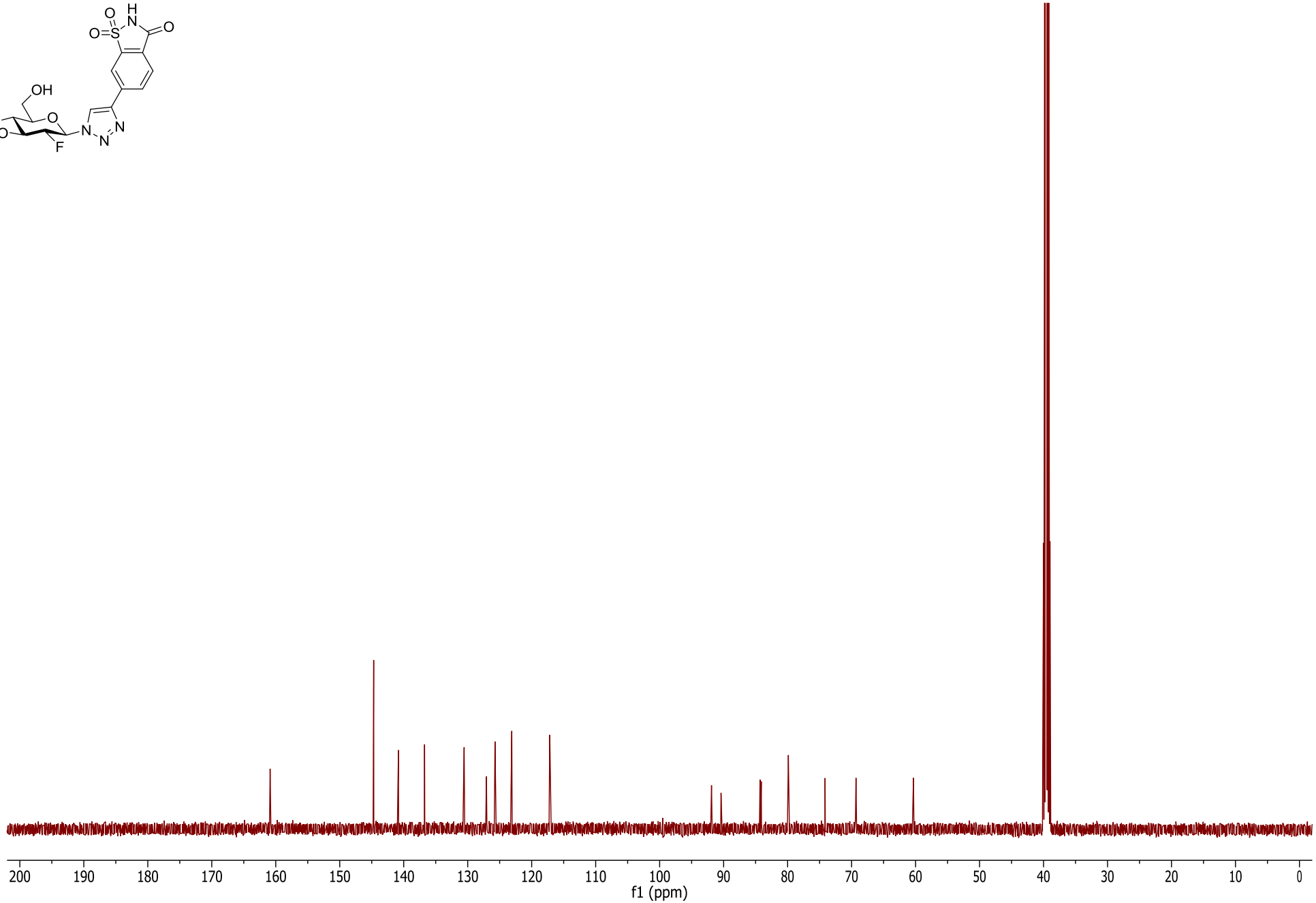
Compound **14** 500 MHz ^{1}H NMR $(CD_3)_2SO$



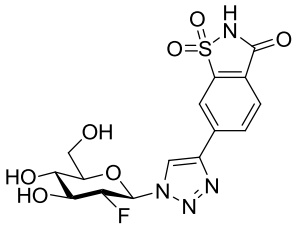


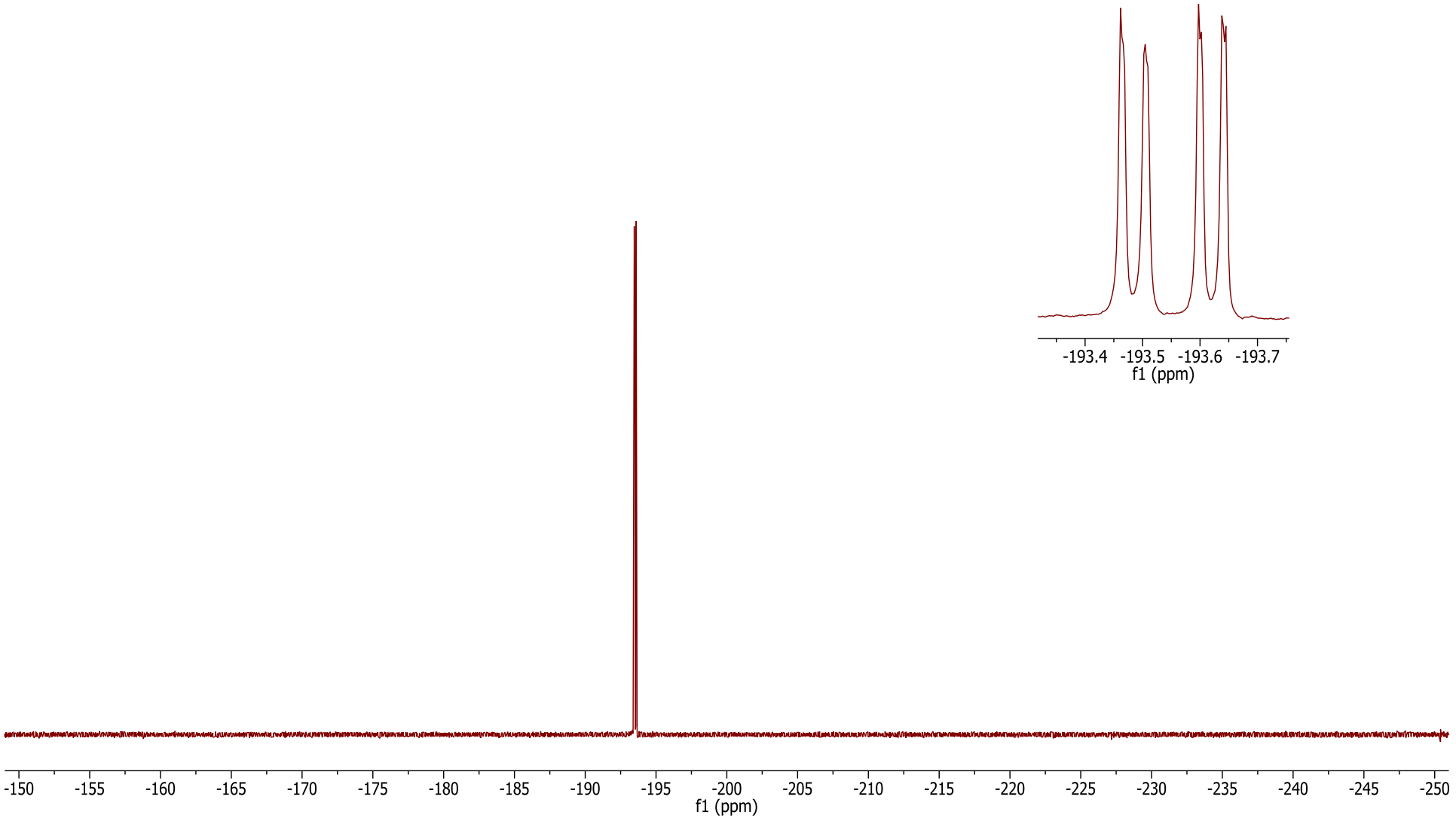
Compound **14** 125 MHz ^{13}C NMR $(CD_3)_2SO$



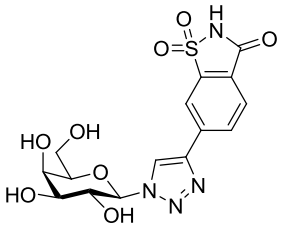


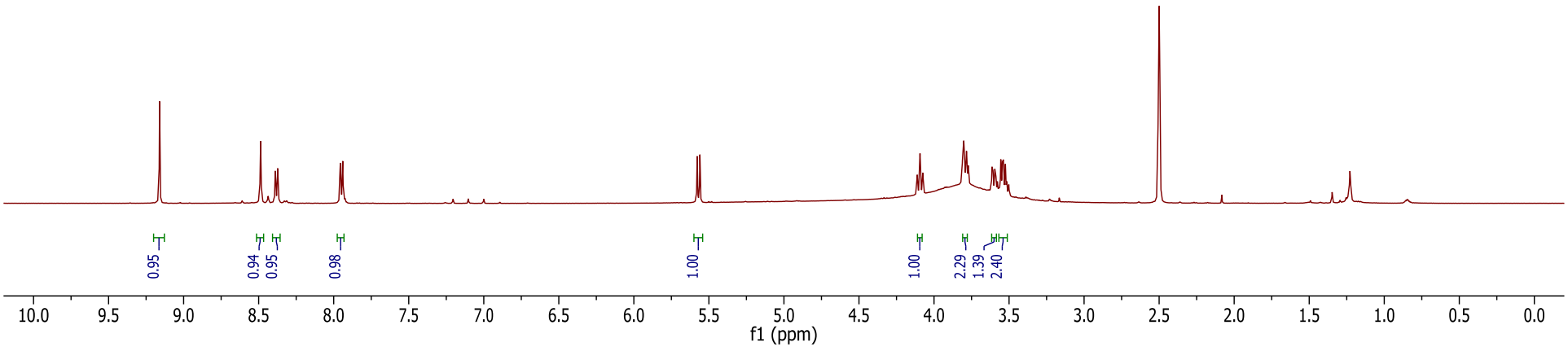
Compound **14** 376 MHz ^{19}F NMR $(CD_3)_2SO$



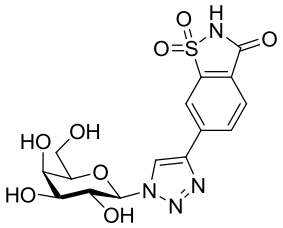


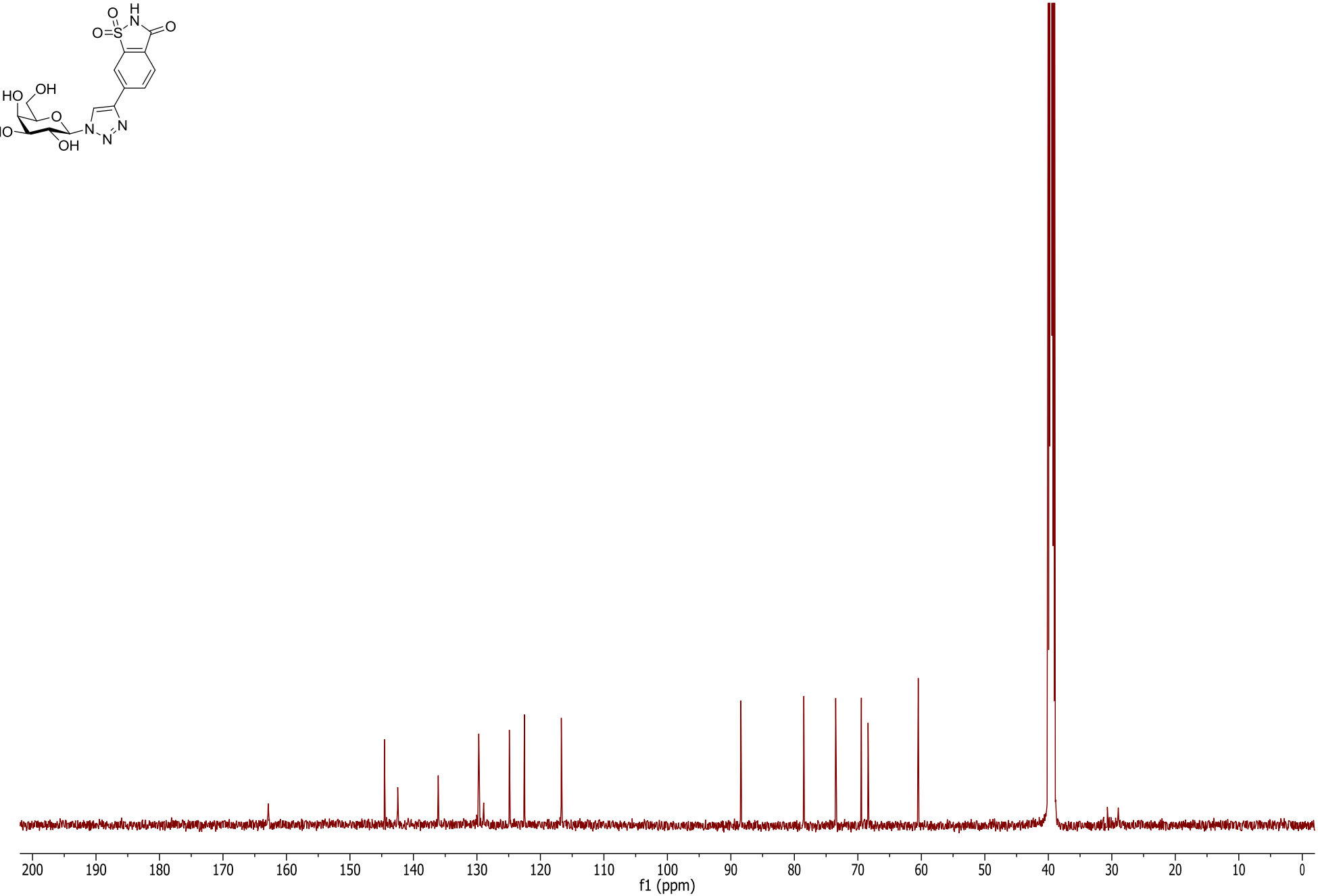
Compound **15** 500 MHz ^{1}H NMR $(CD_3)_2SO$



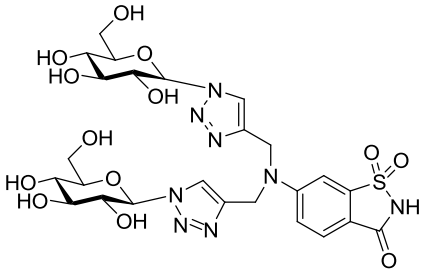


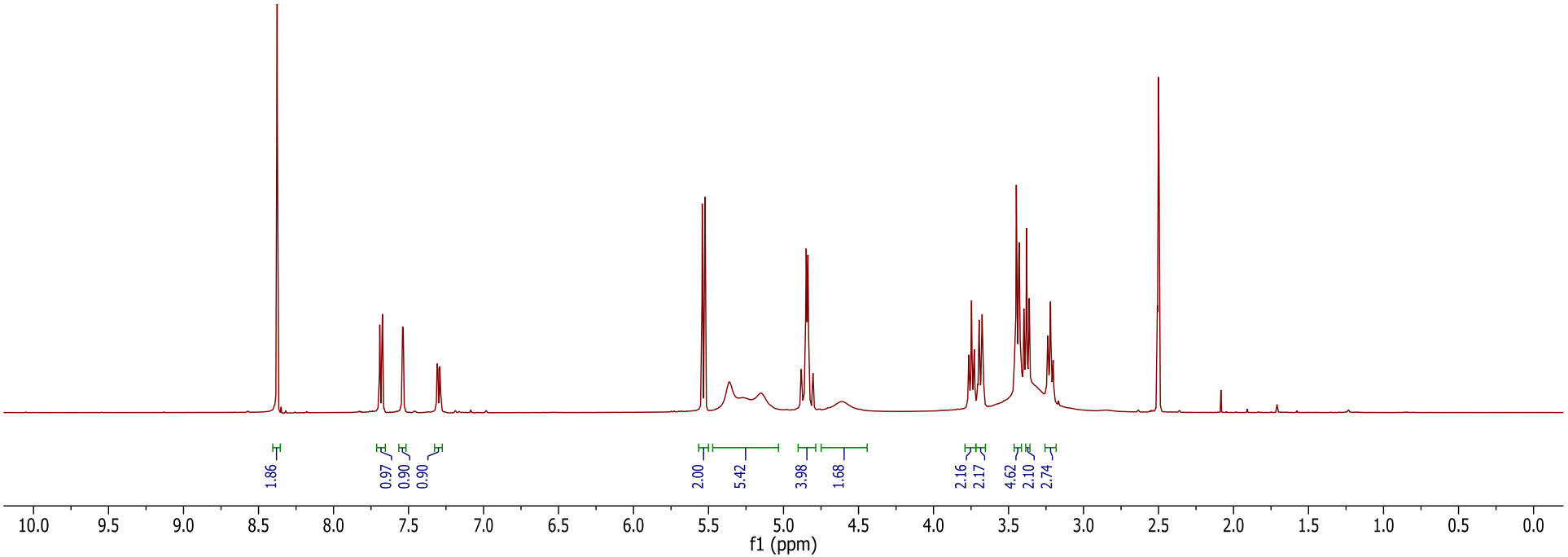
Compound **15** 125 MHz ^{13}C NMR $(CD_3)_2SO$



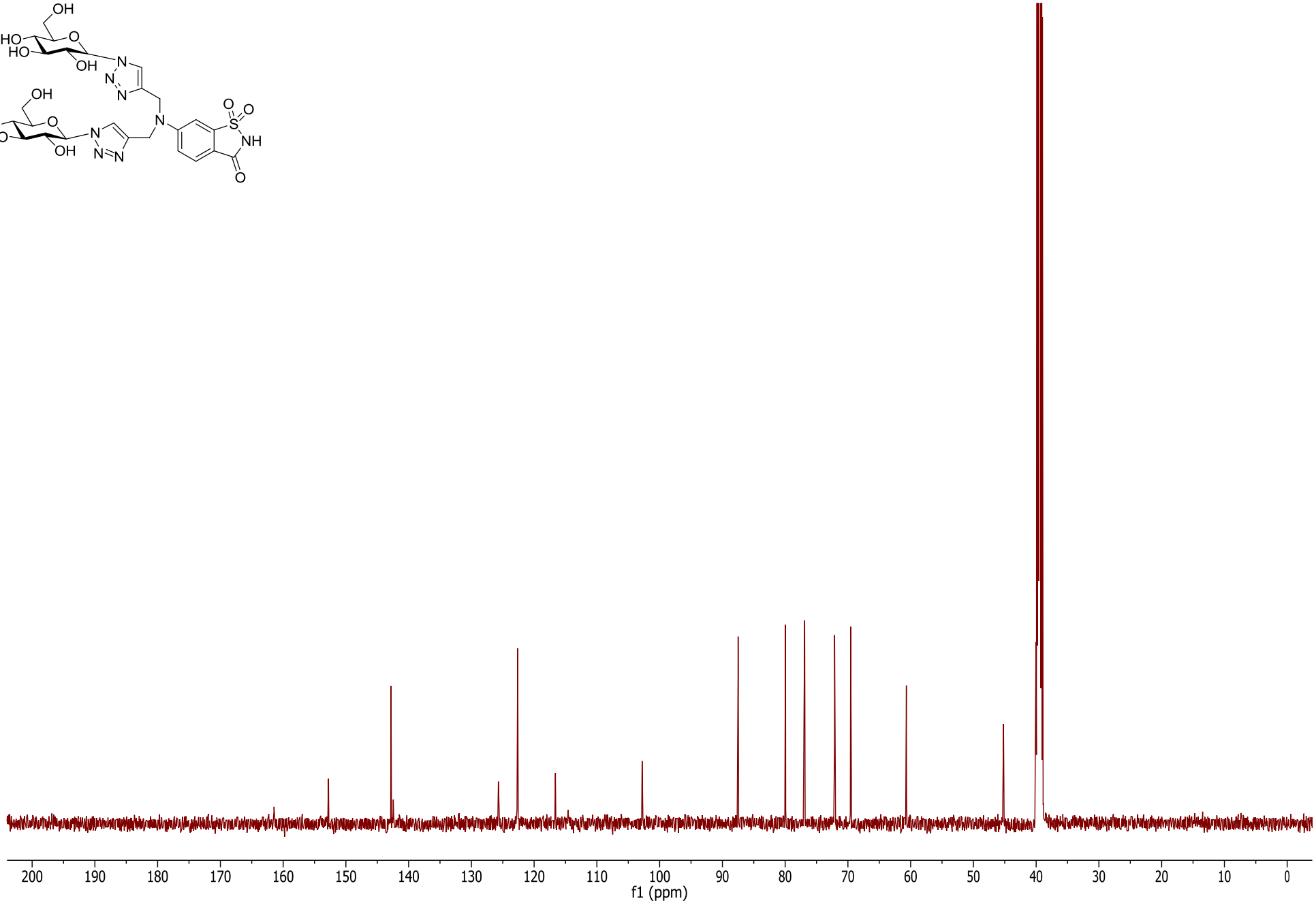


Compound **17** 500 MHz ^{1}H NMR $(CD_3)_2SO$

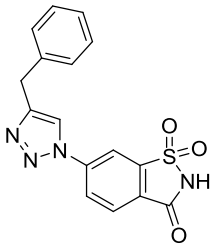


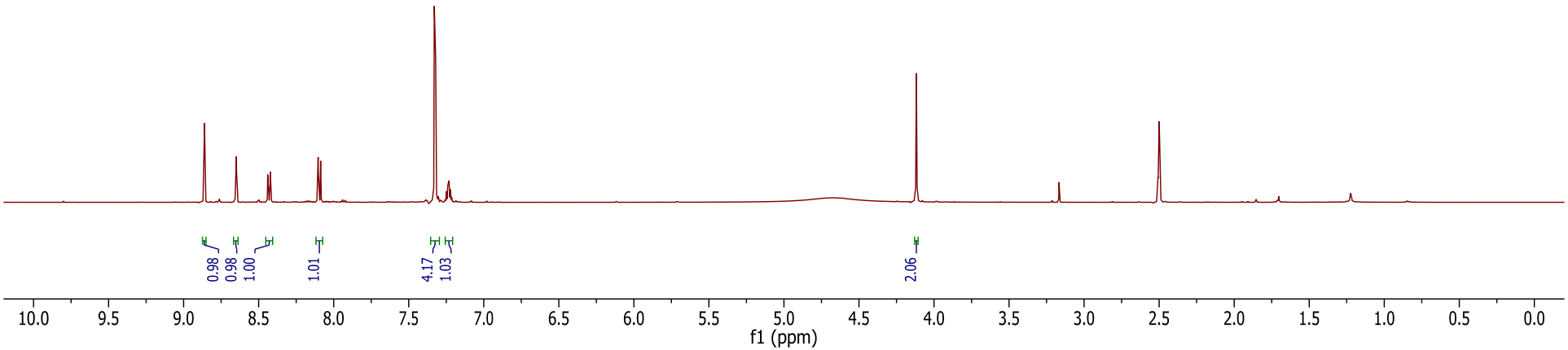


Compound **17** 125 MHz ^{13}C NMR $(CD_3)_2SO$

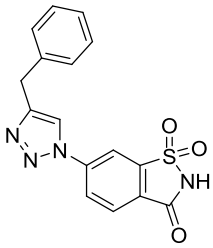


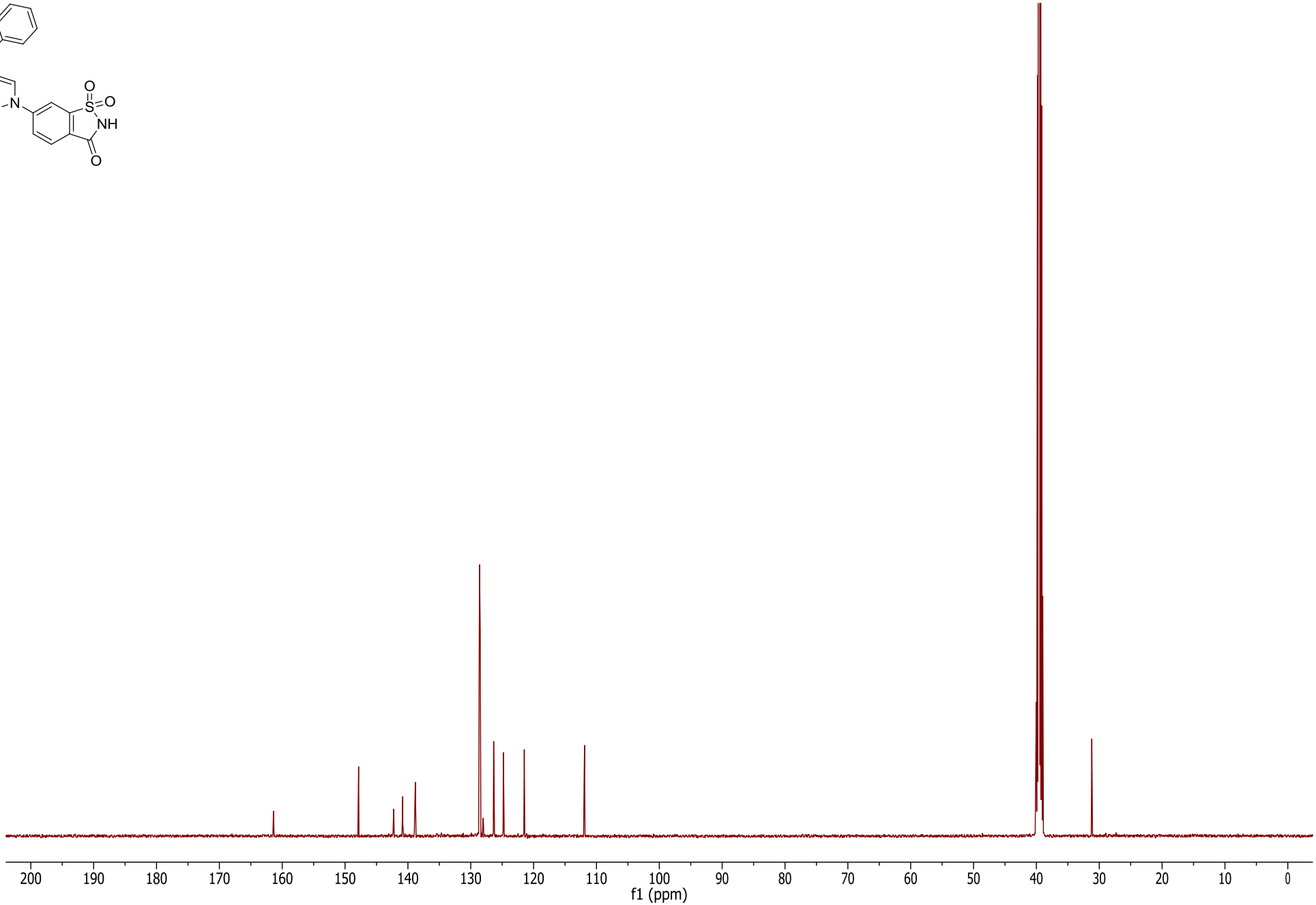
Compound **19** 500 MHz ^{1}H NMR $(CD_3)_2SO$



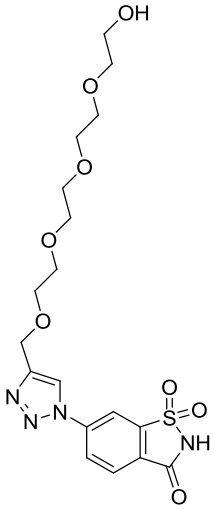


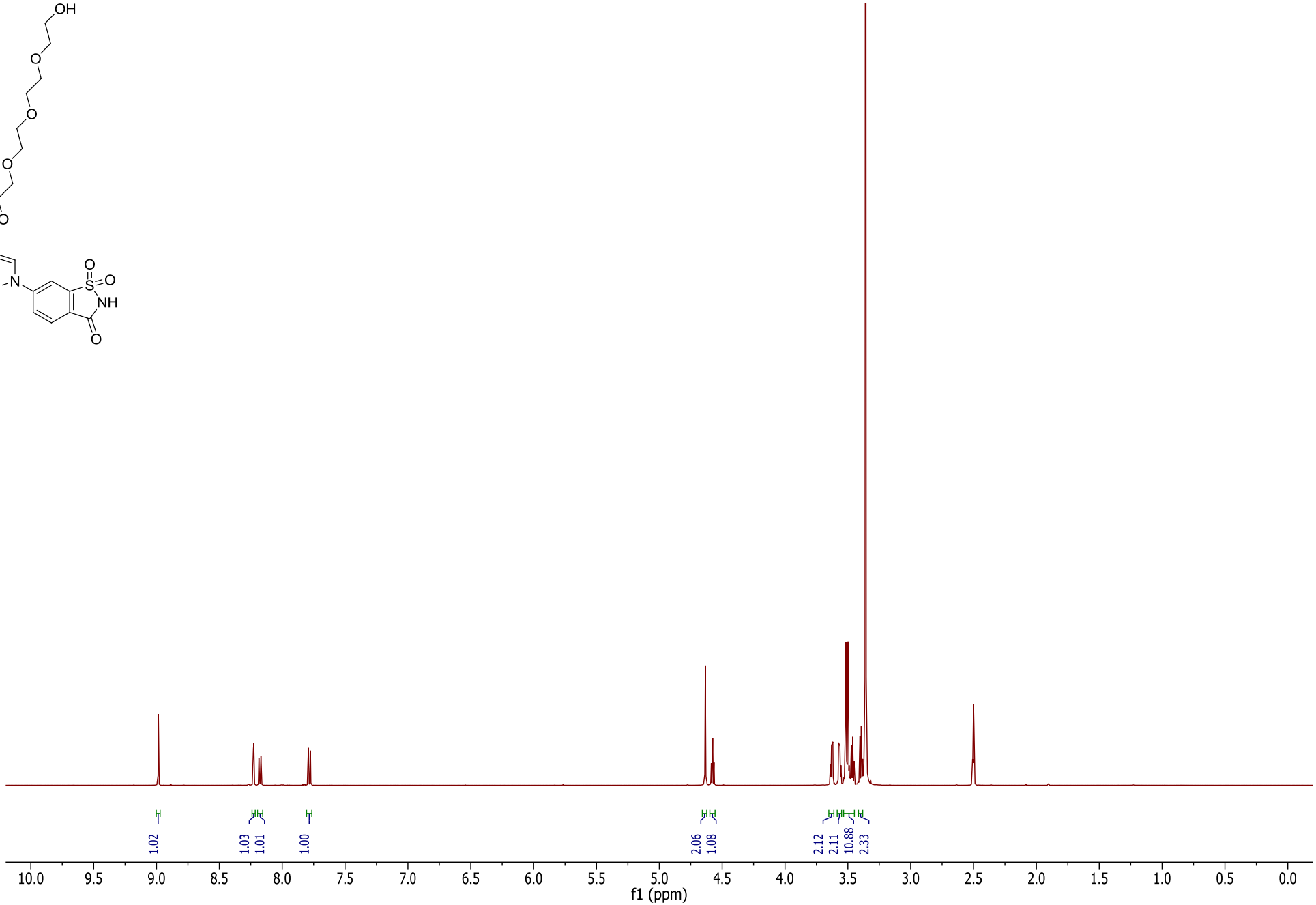
Compound **19** 125 MHz ^{13}C NMR $(CD_3)_2SO$



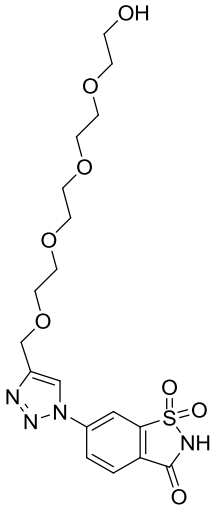


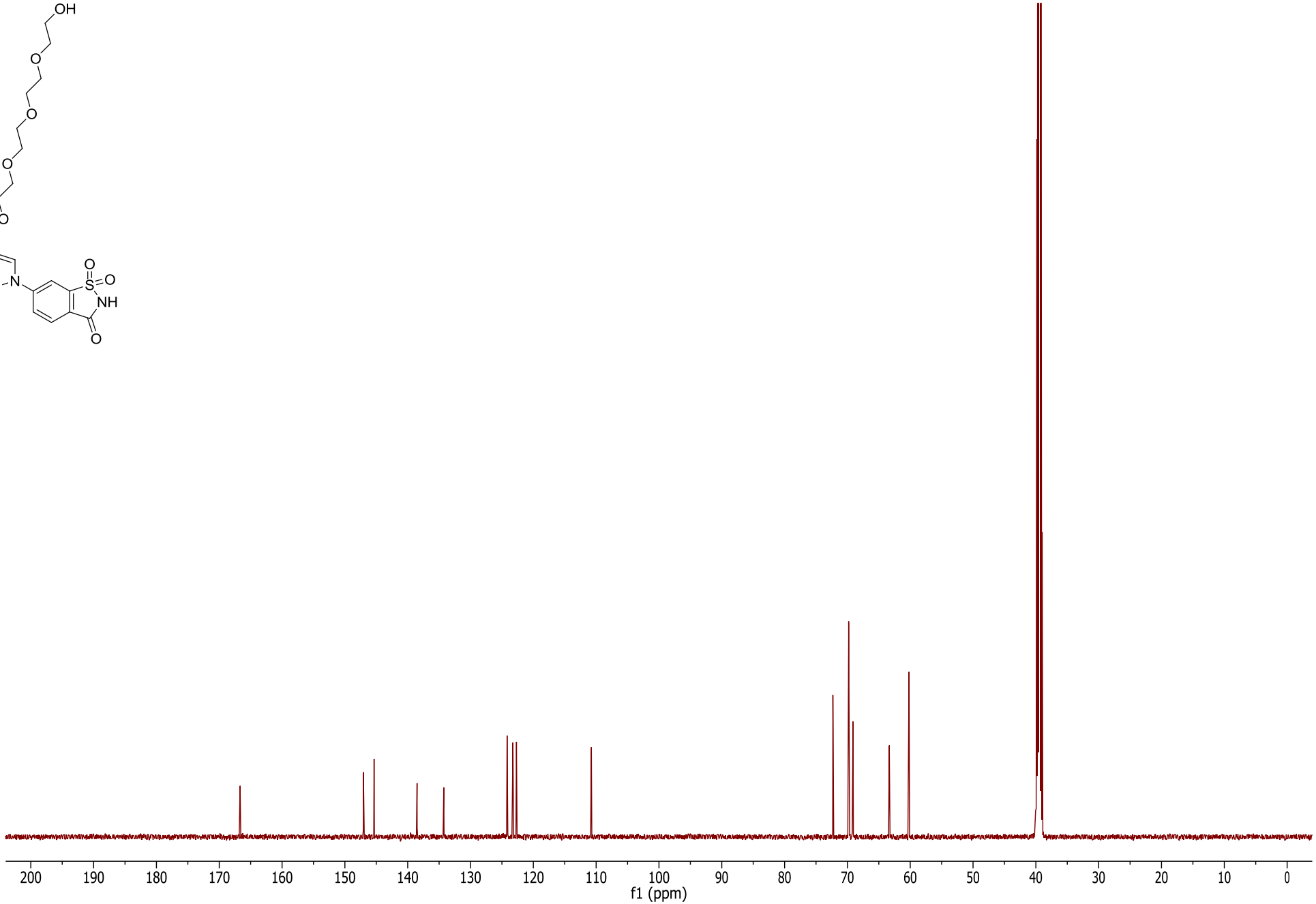
Compound **20** 500 MHz ^{1}H NMR $(CD_3)_2SO$



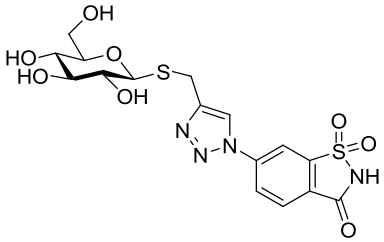


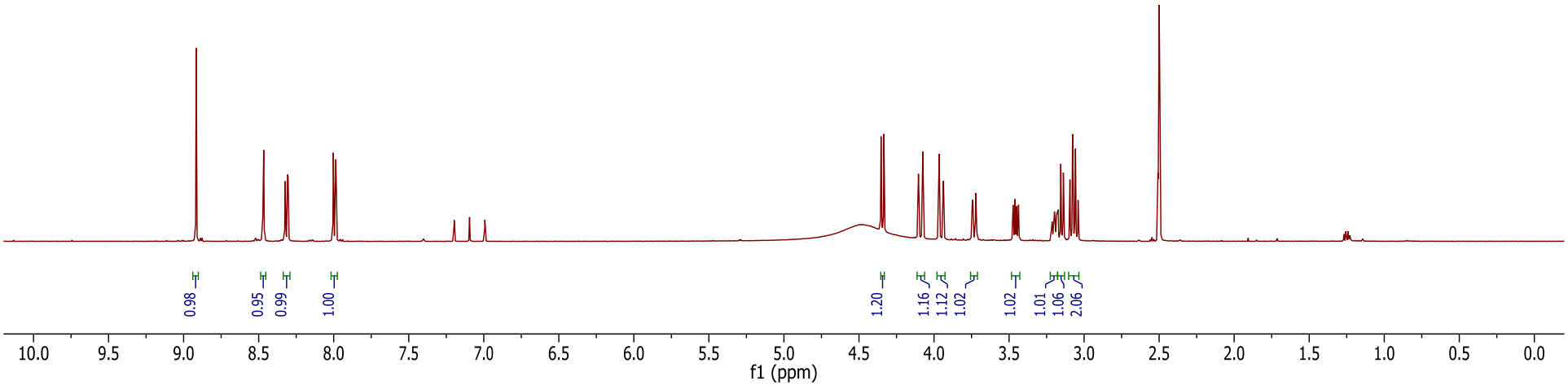
Compound **20** 125 MHz ^{13}C NMR $(CD_3)_2SO$



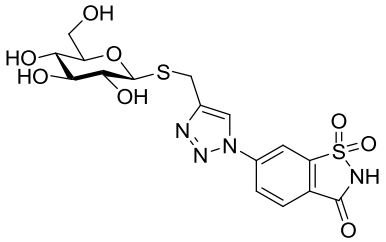


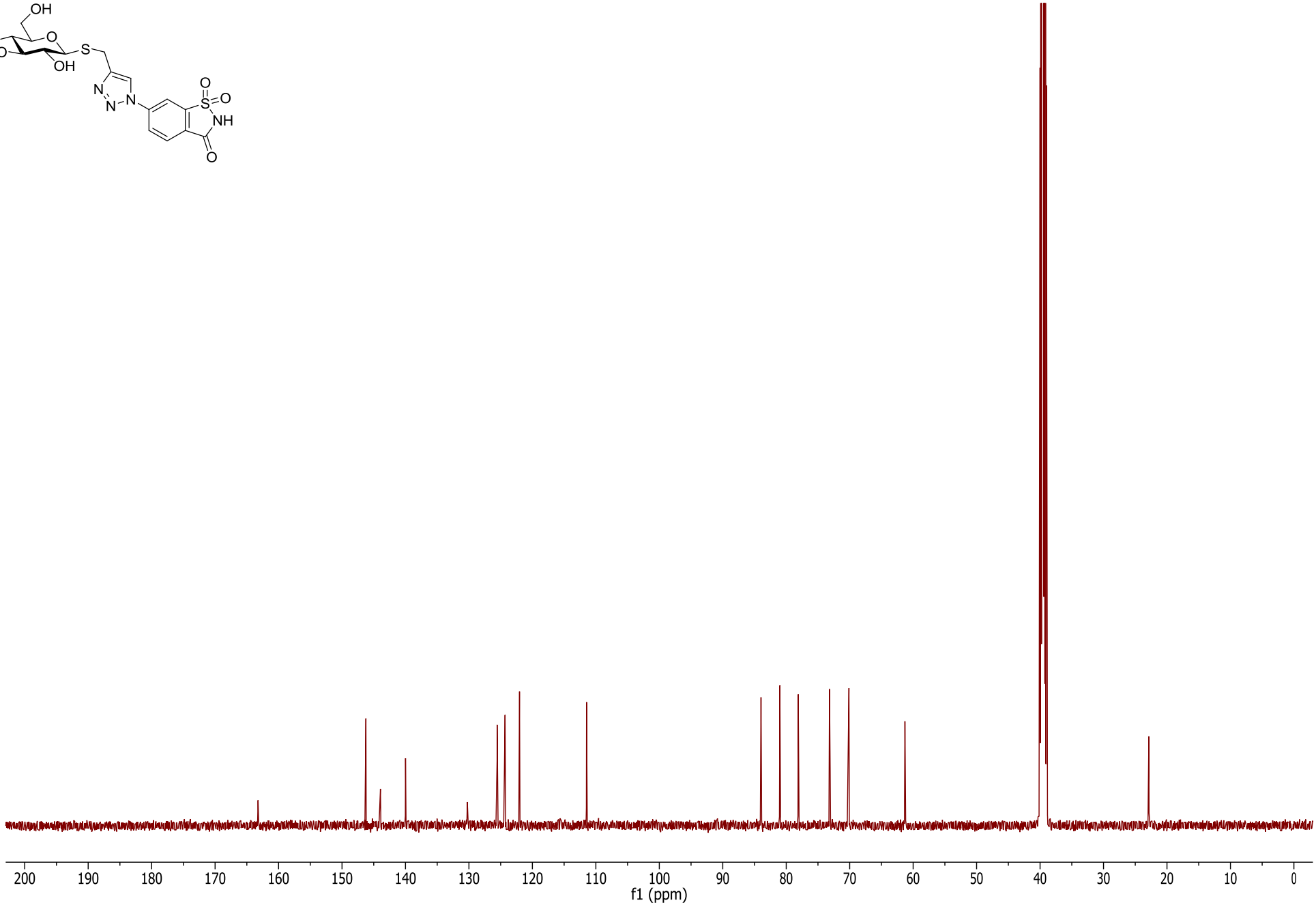
Compound **21** 500 MHz ^{1}H NMR $(CD_3)_2SO$



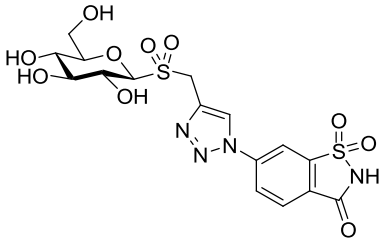


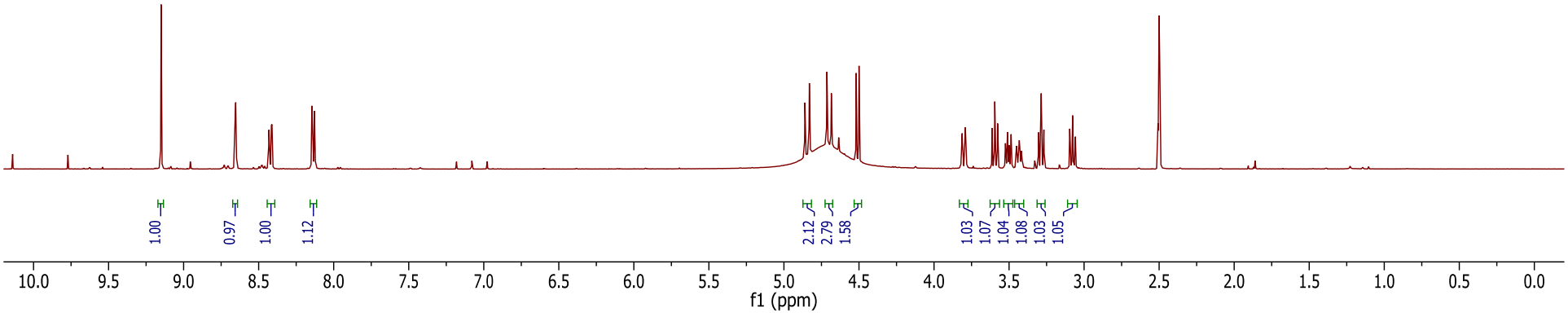
Compound **21** 125 MHz ^{13}C NMR $(CD_3)_2SO$



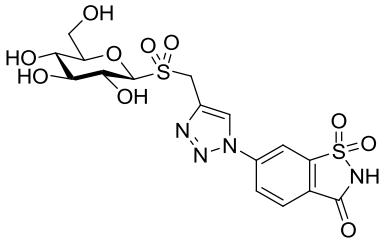


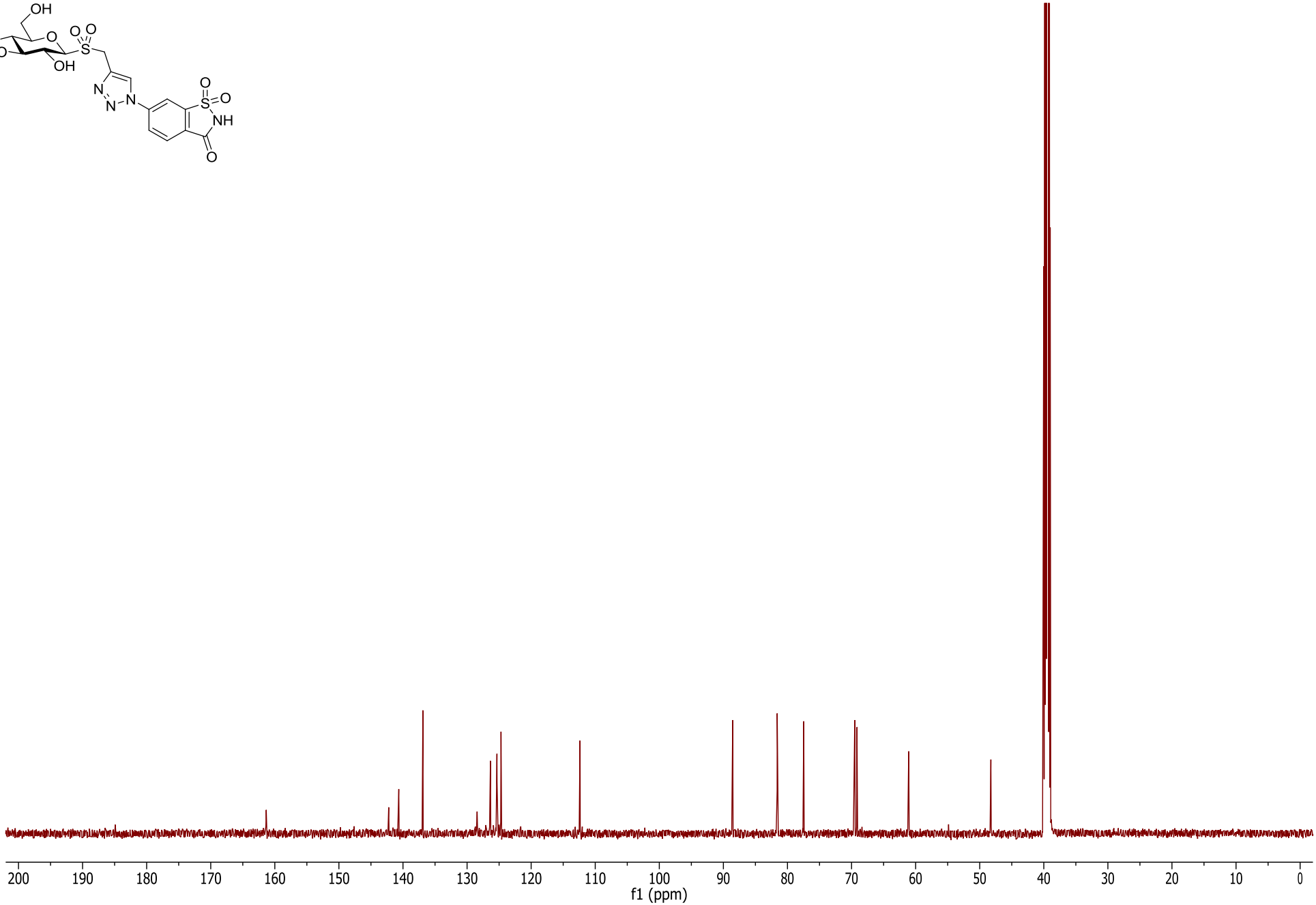
Compound **22** 500 MHz ^{1}H NMR $(CD_3)_2SO$



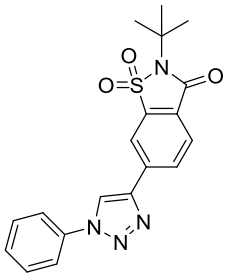


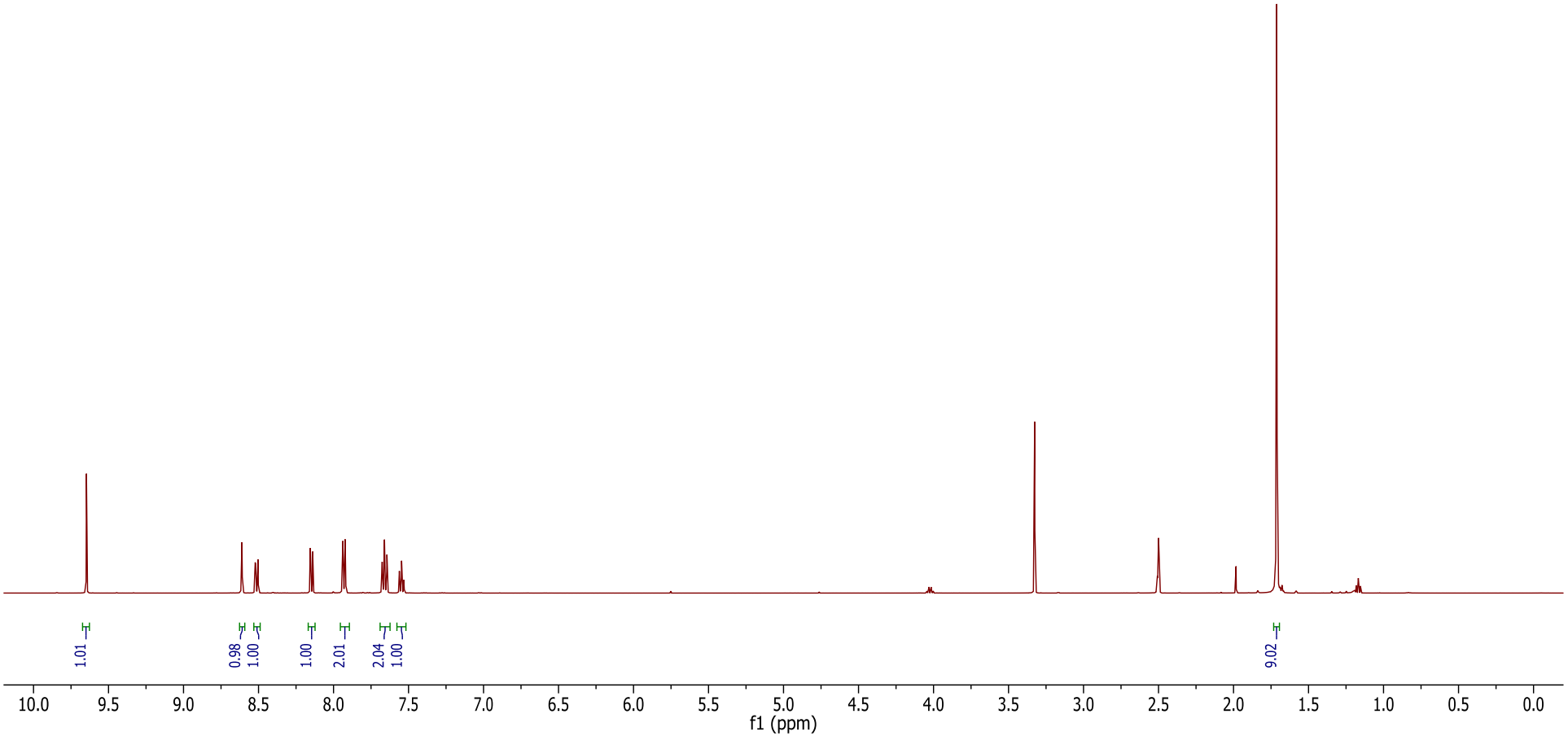
Compound **22** 125 MHz ^{13}C NMR $(CD_3)_2SO$



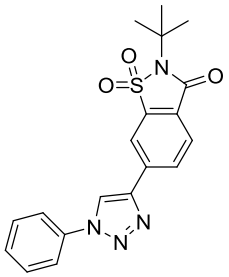


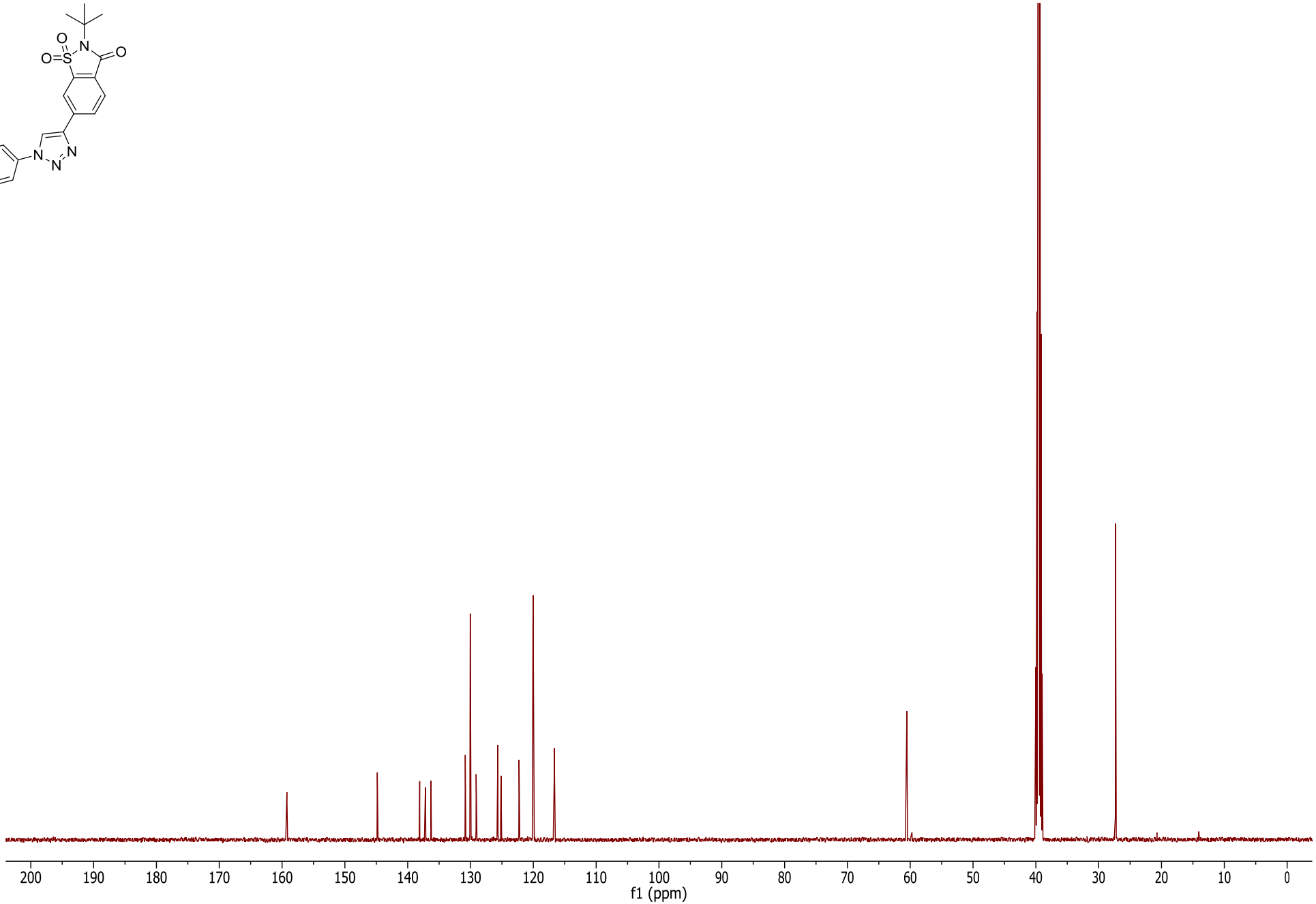
Compound **24** 500 MHz ^{1}H NMR $(CD_3)_2SO$



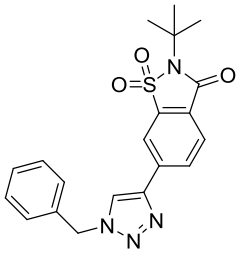


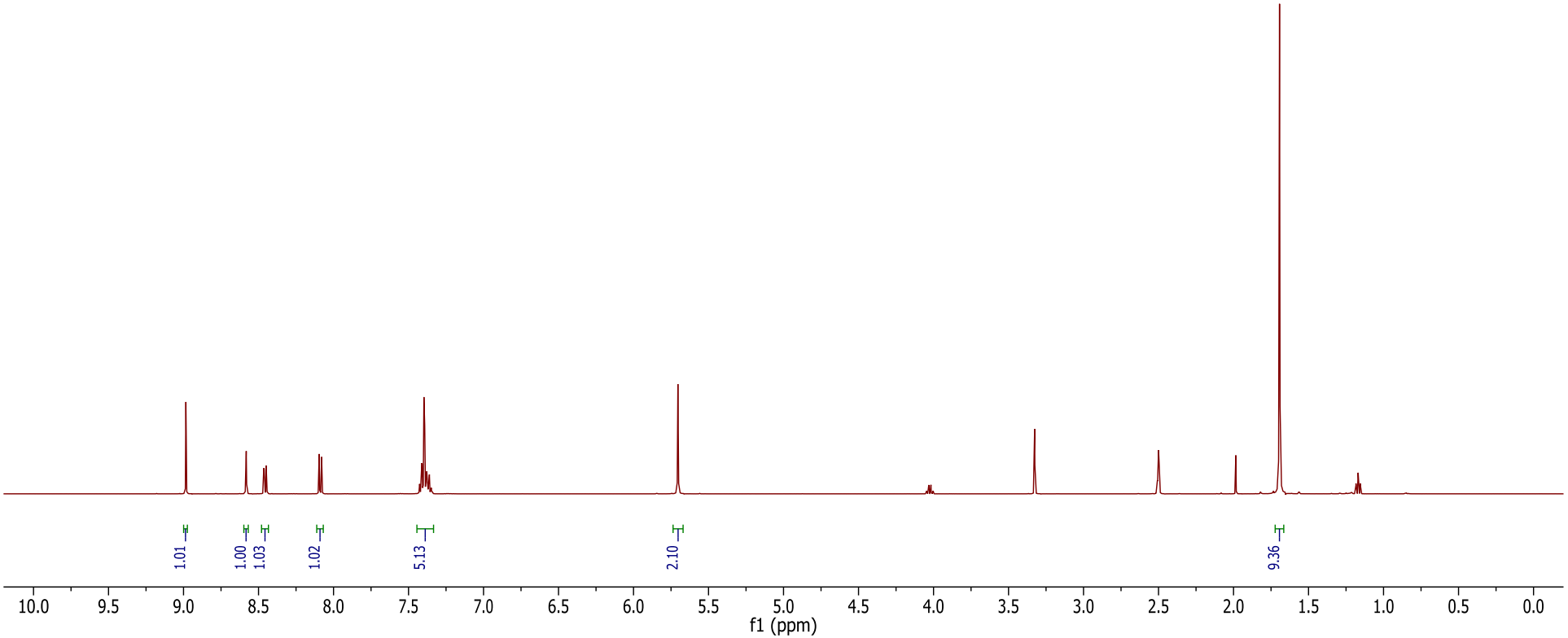
Compound **24** 125 MHz ^{13}C NMR $(CD_3)_2SO$



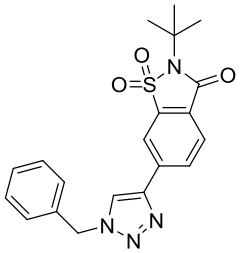


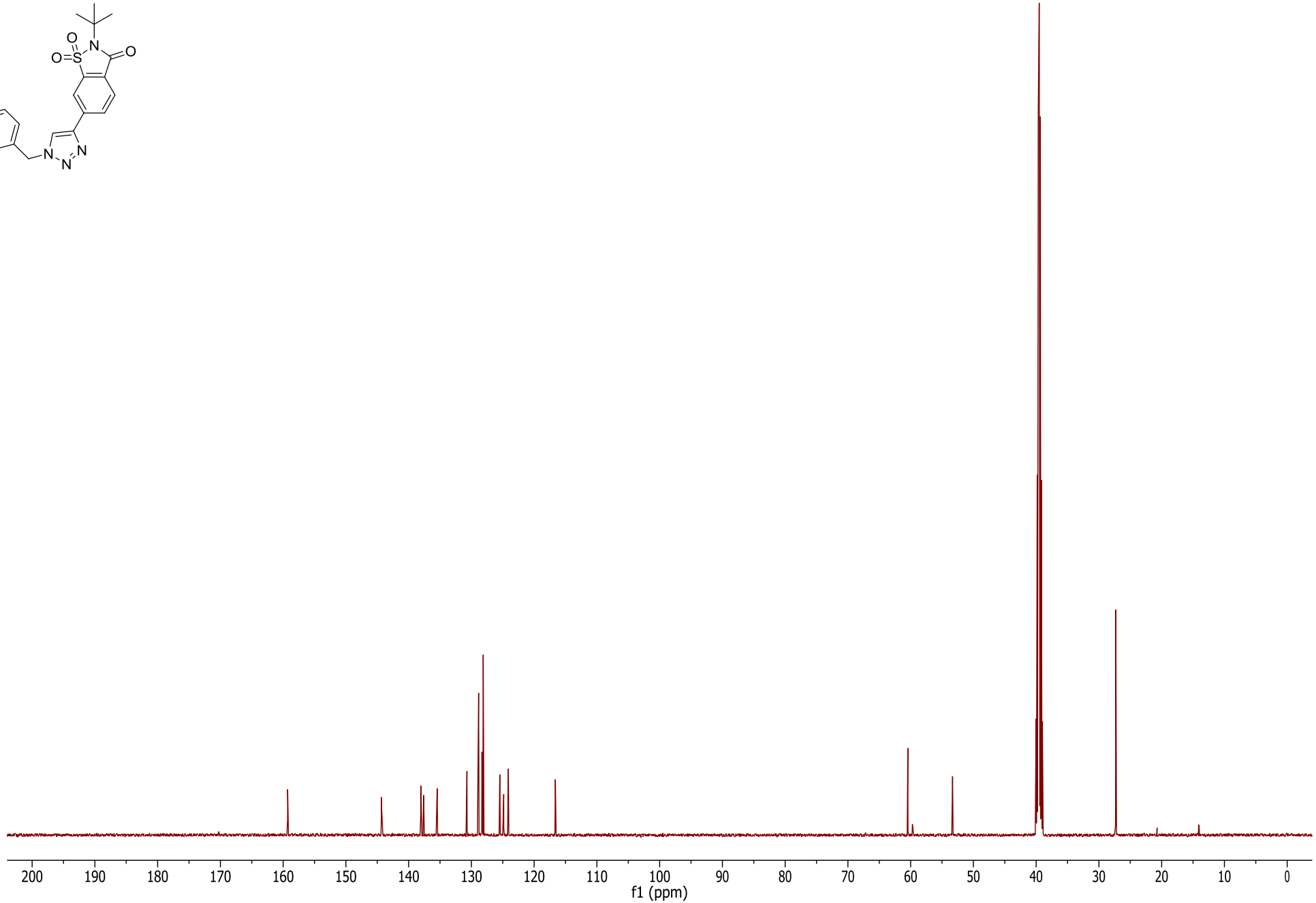
Compound **25** 500 MHz ^{1}H NMR $(CD_3)_2SO$



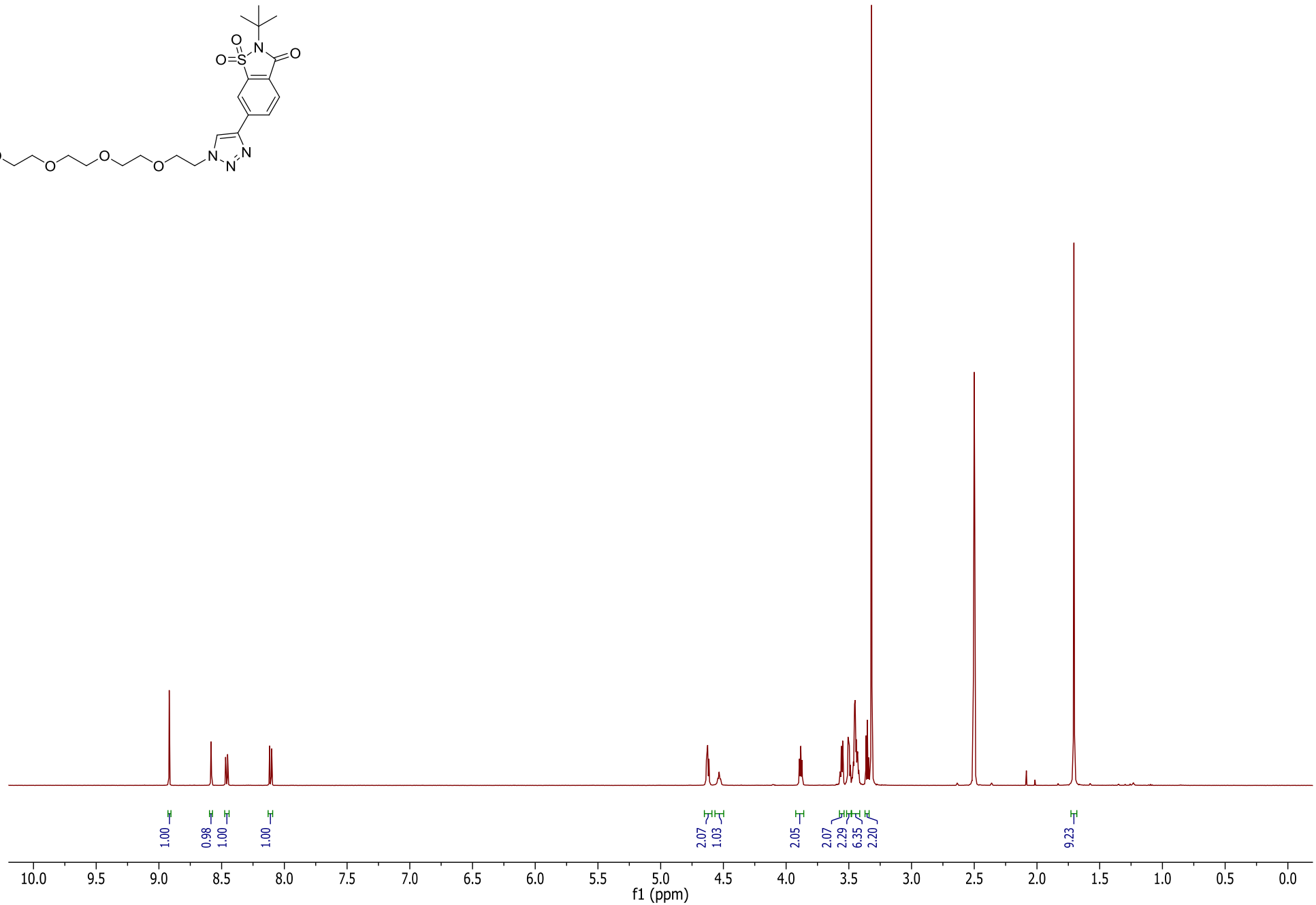


Compound **25** 125 MHz ^{13}C NMR $(CD_3)_2SO$

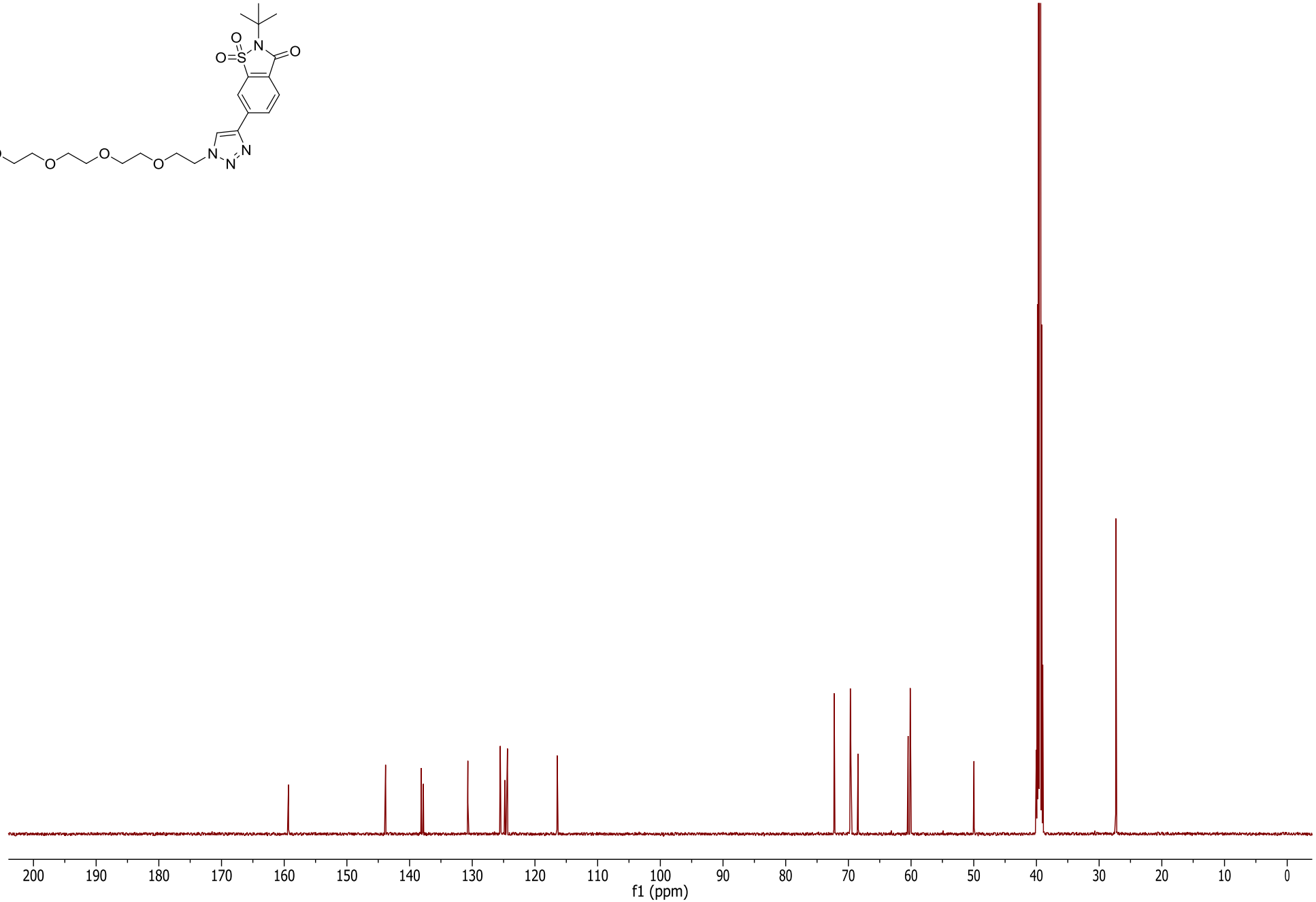




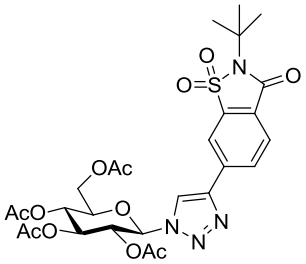
Compound **26** 500 MHz ^{1}H NMR $(CD_3)_2SO$

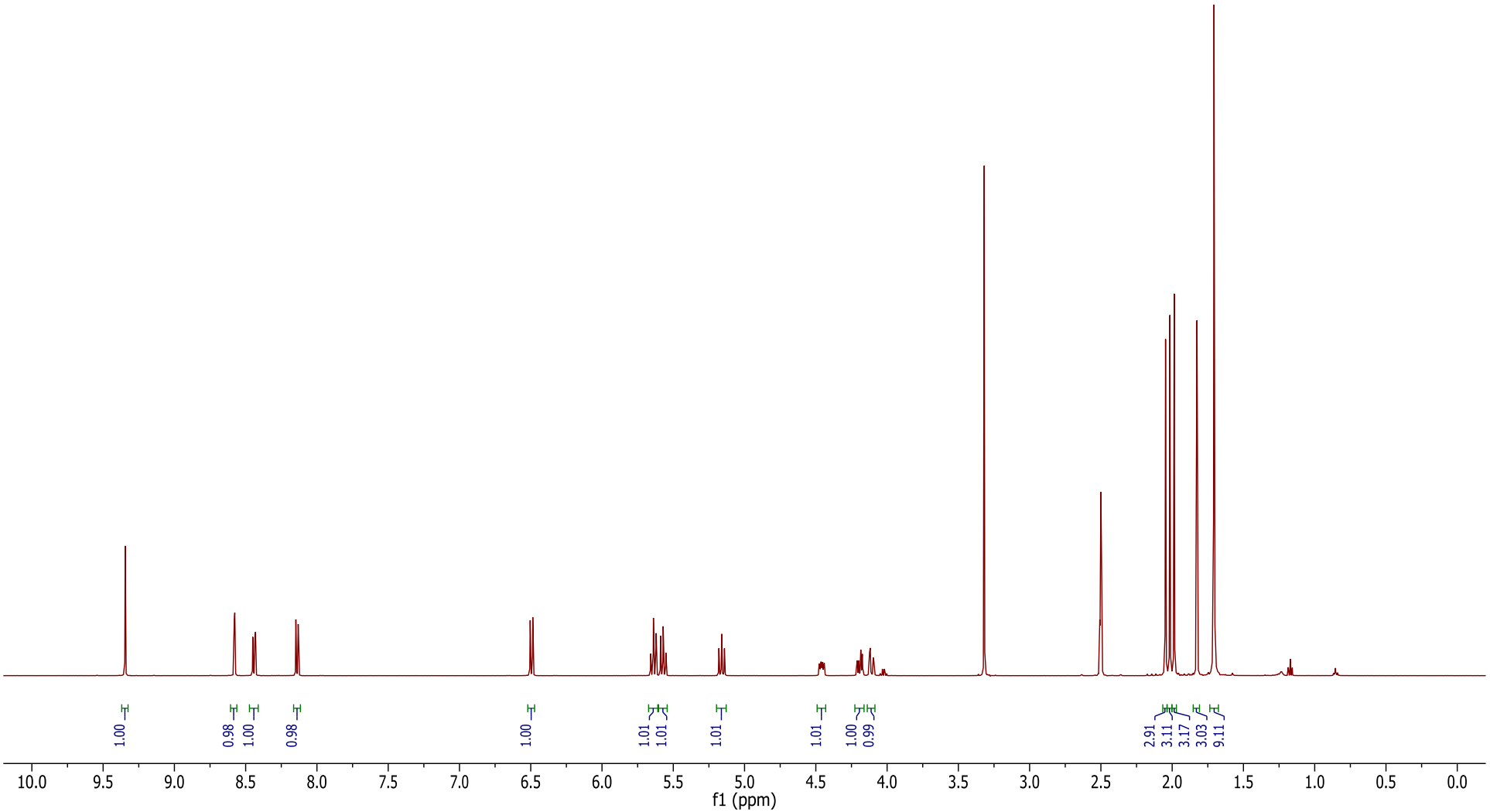


Compound **26** 125 MHz ^{13}C NMR $(CD_3)_2SO$

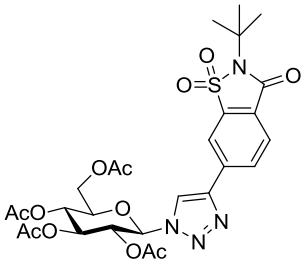


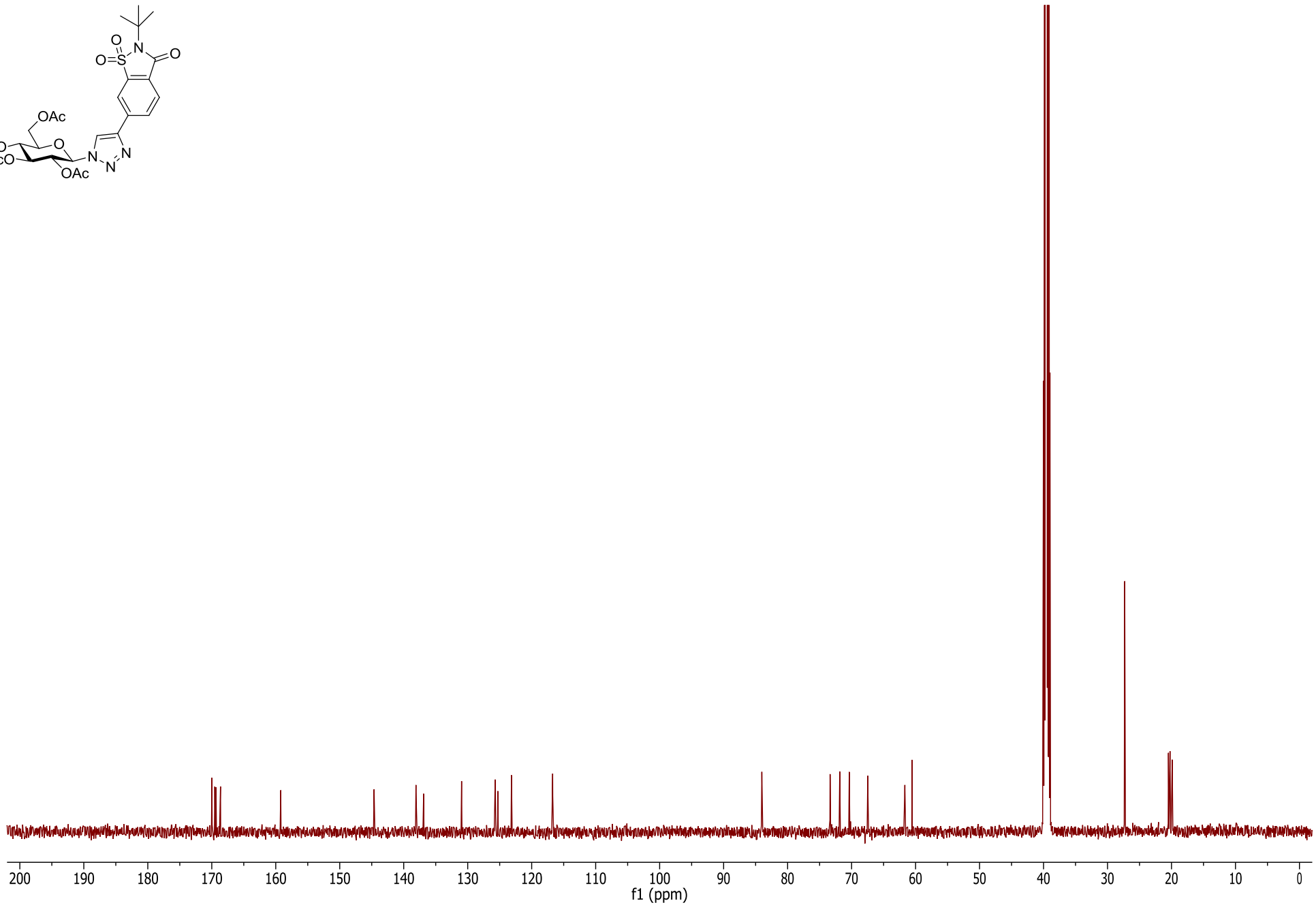
Compound **27** 500 MHz ^{1}H NMR $CDCl_3$



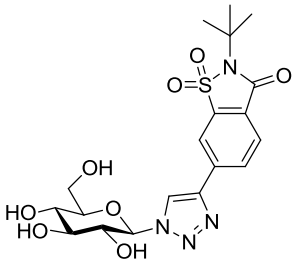


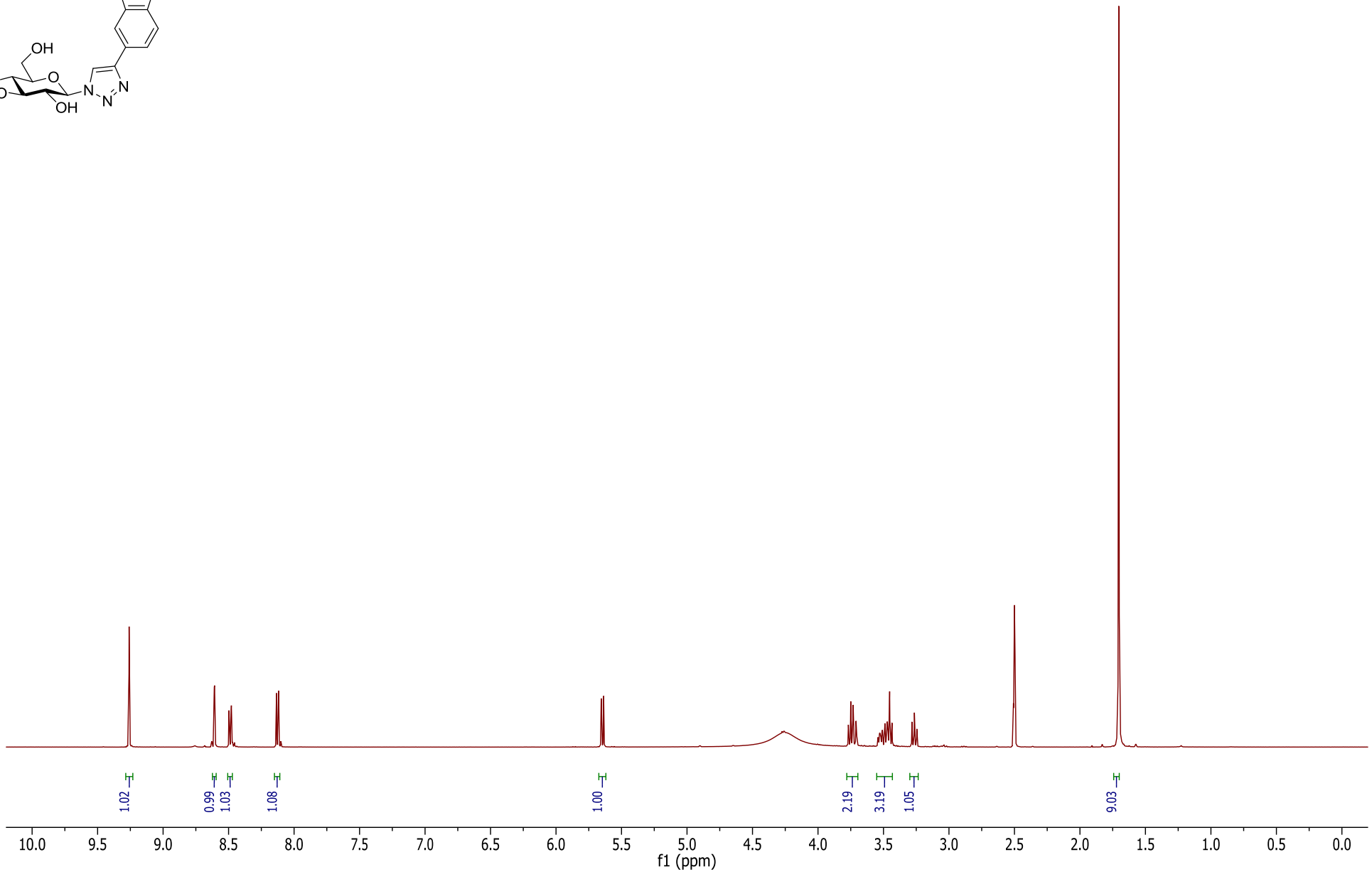
Compound **27** 125 MHz ^{13}C NMR $CDCl_3$



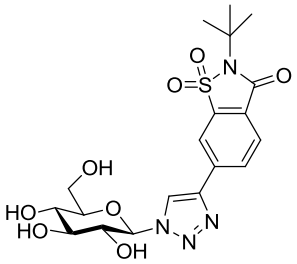


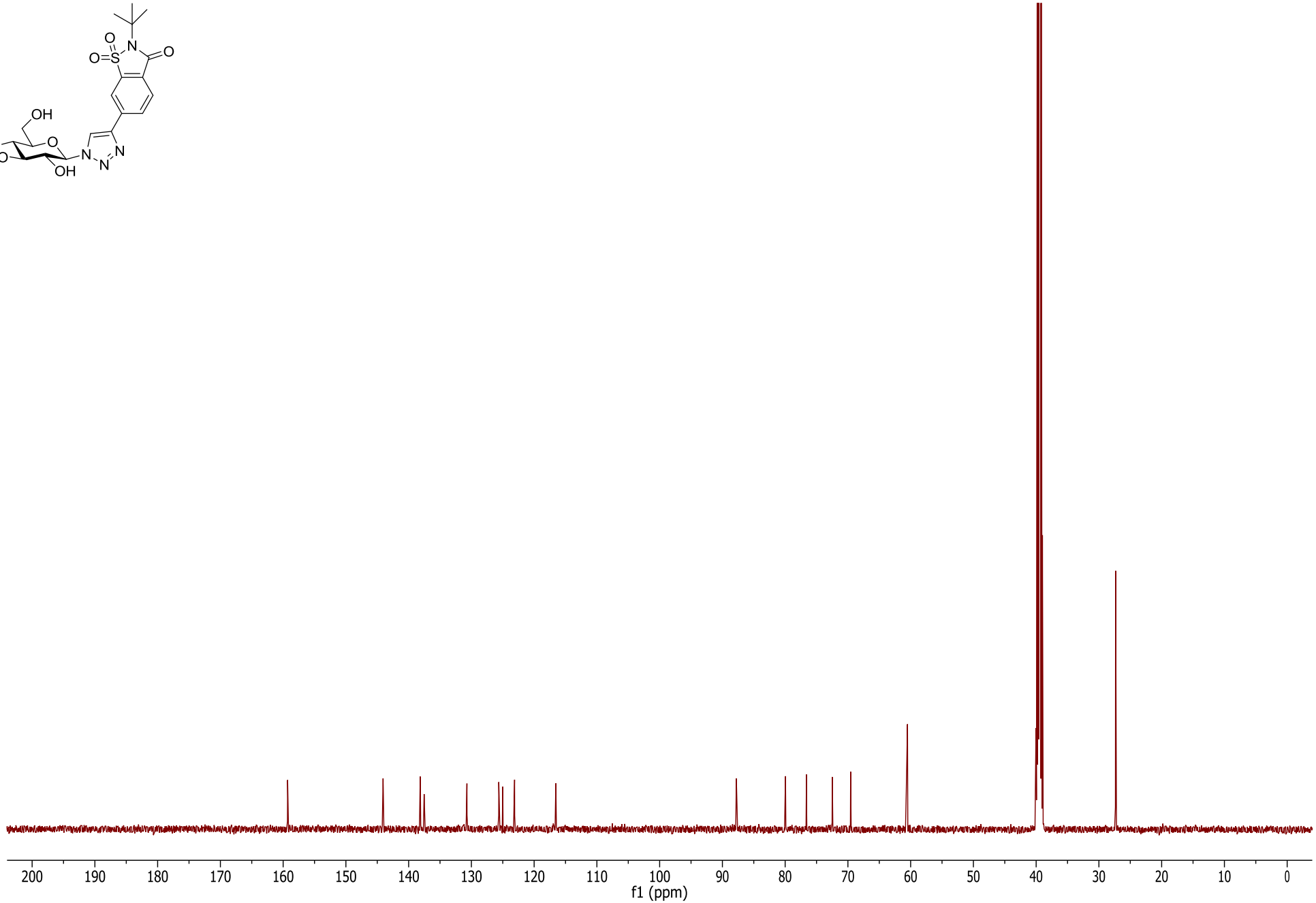
Compound **28** 500 MHz ^{1}H NMR $(CD_3)_2SO$



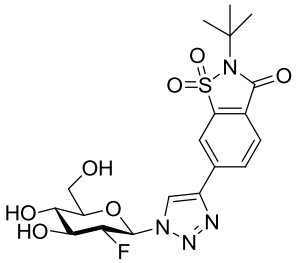


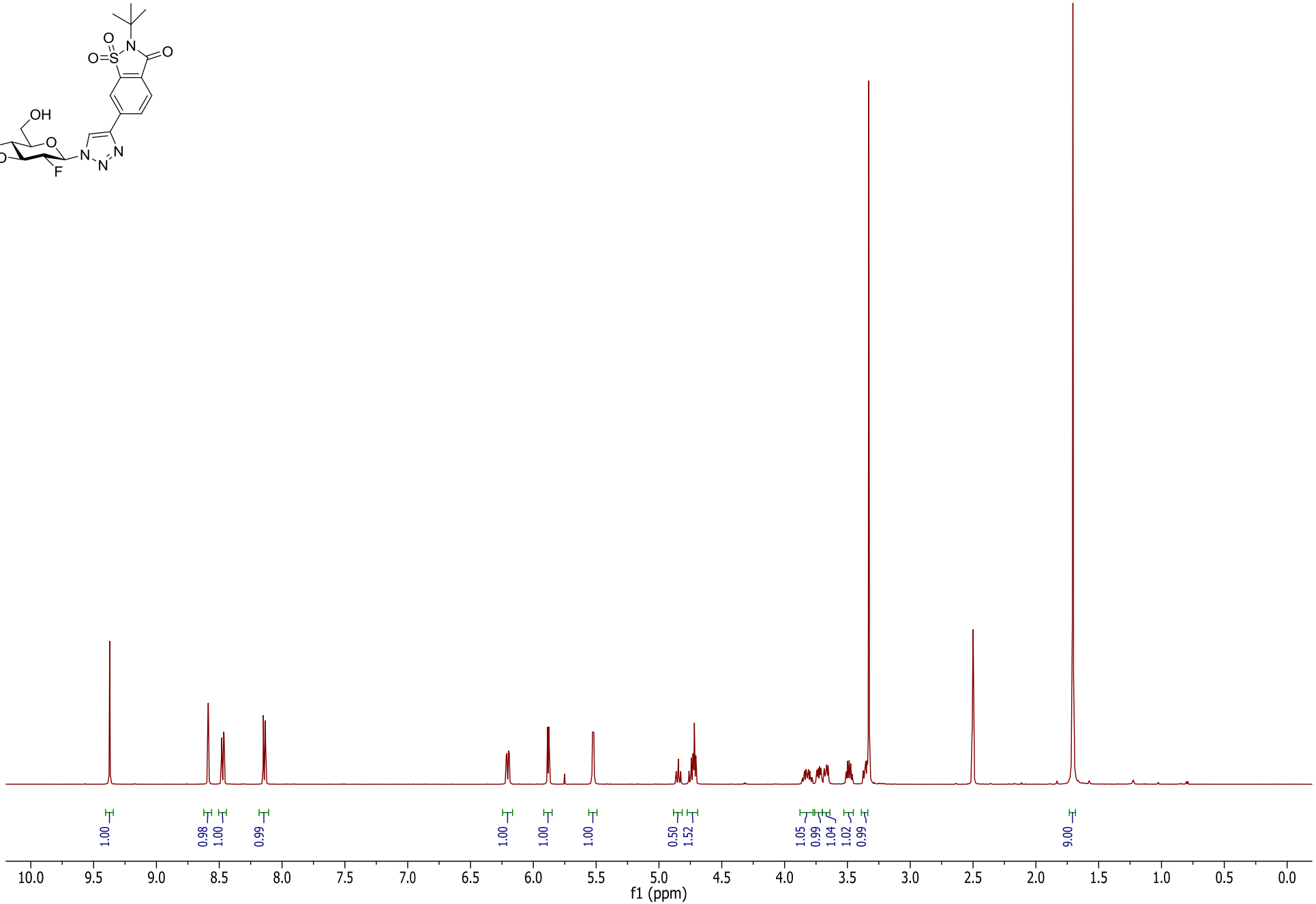
Compound **28** 125 MHz ^{13}C NMR $(CD_3)_2SO$



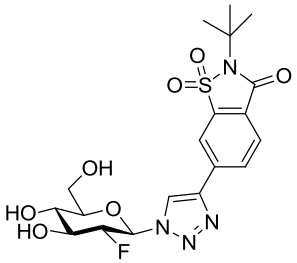


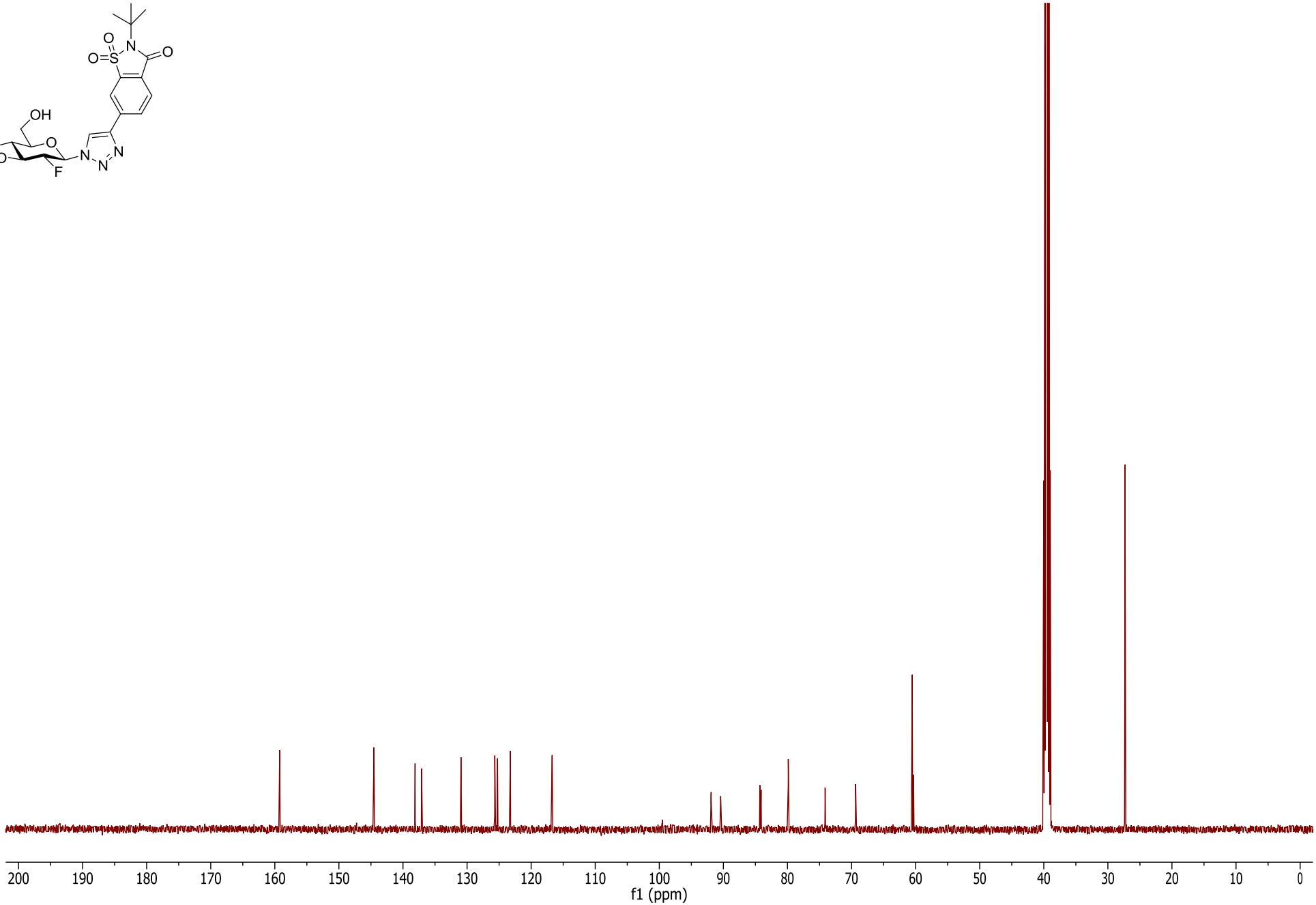
Compound **29** 500 MHz ^{1}H NMR $(CD_3)_2SO$



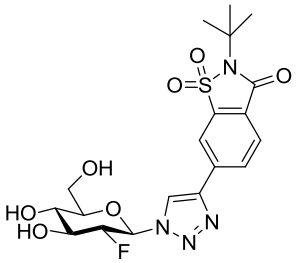


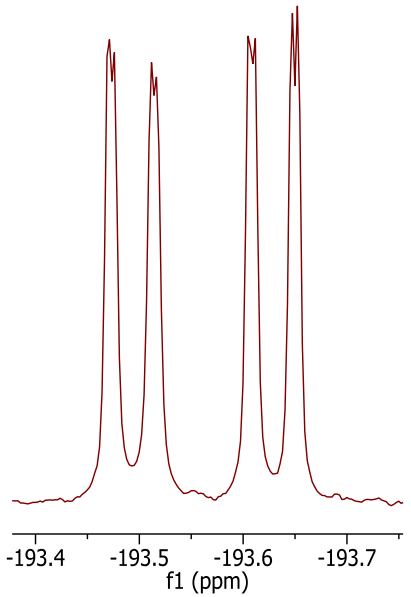
Compound **29** 125 MHz ^{13}C NMR $(CD_3)_2SO$

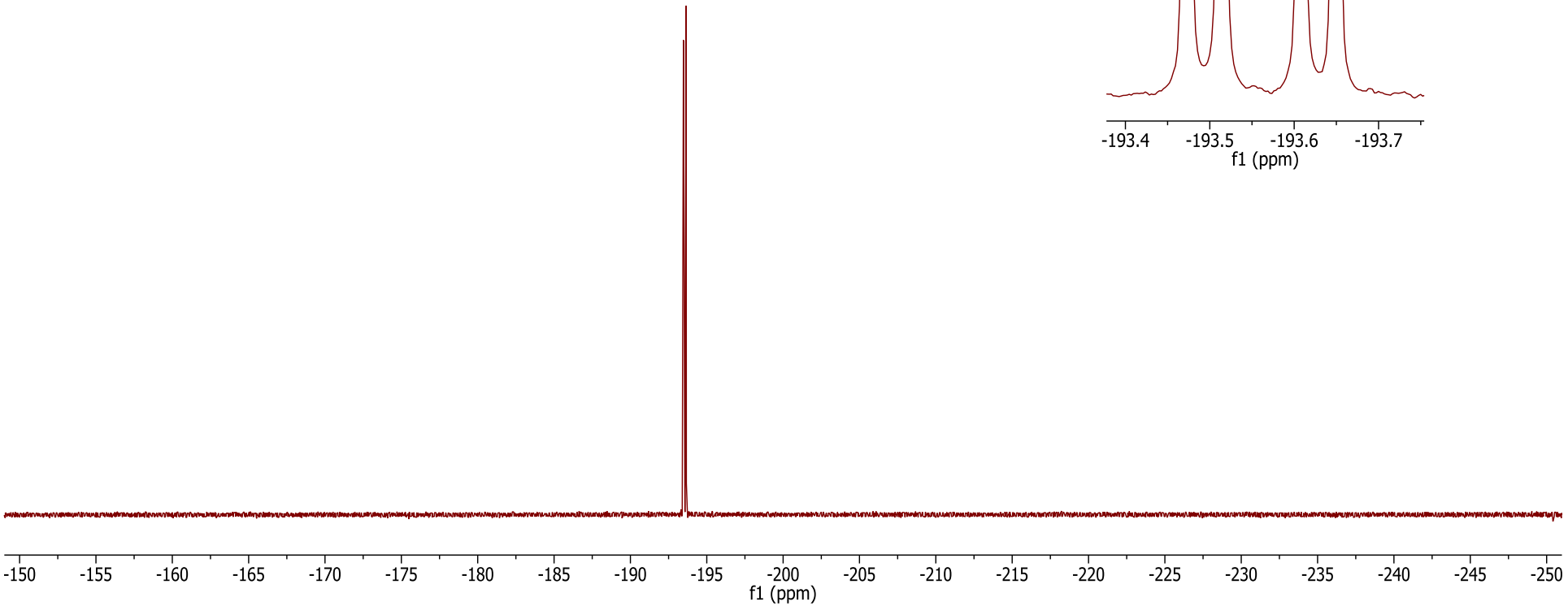




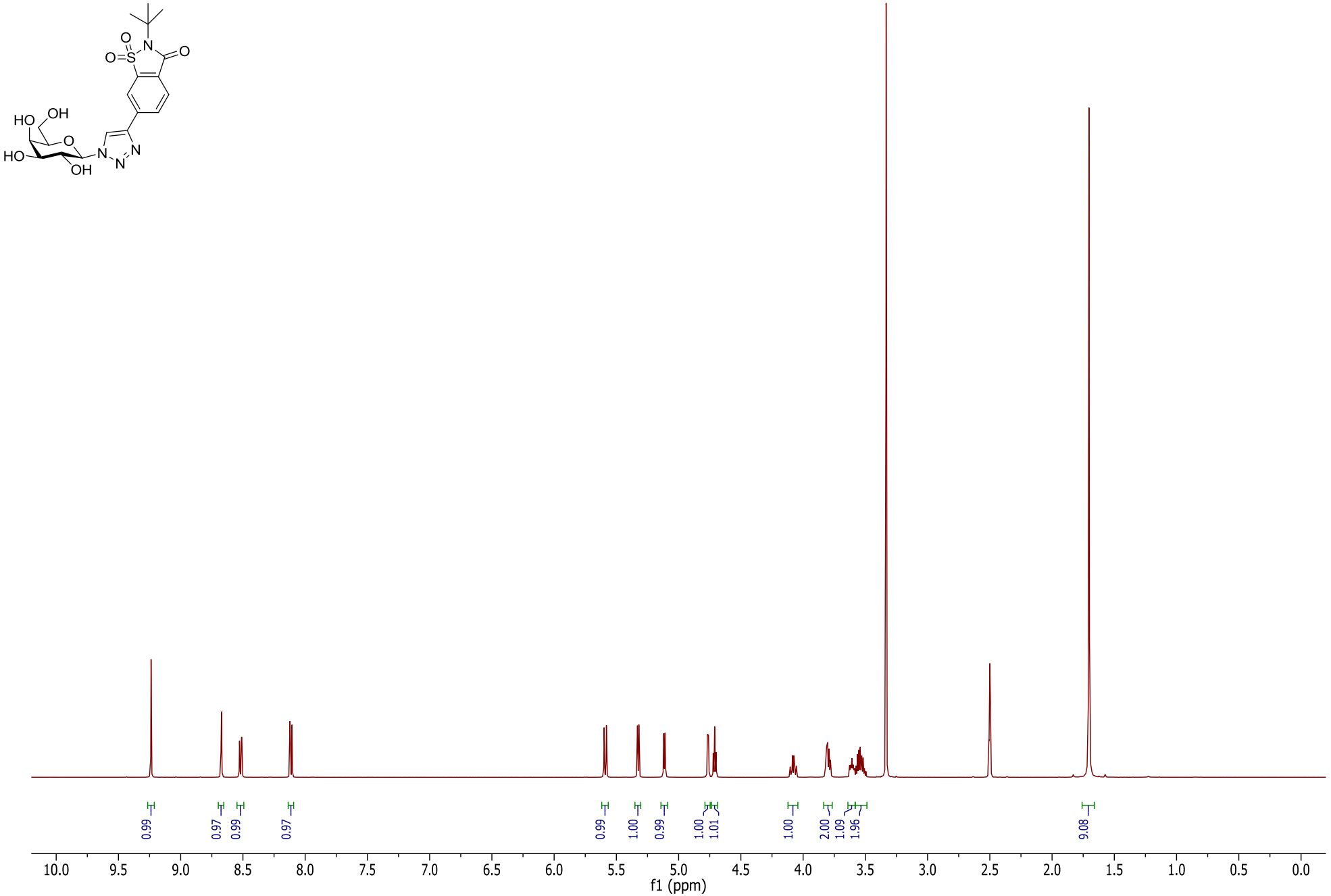
Compound **29** 376 MHz ^{19}F NMR $(CD_3)_2SO$



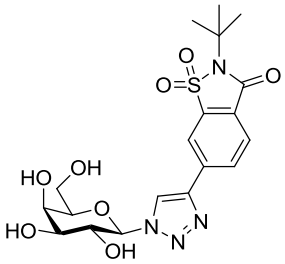


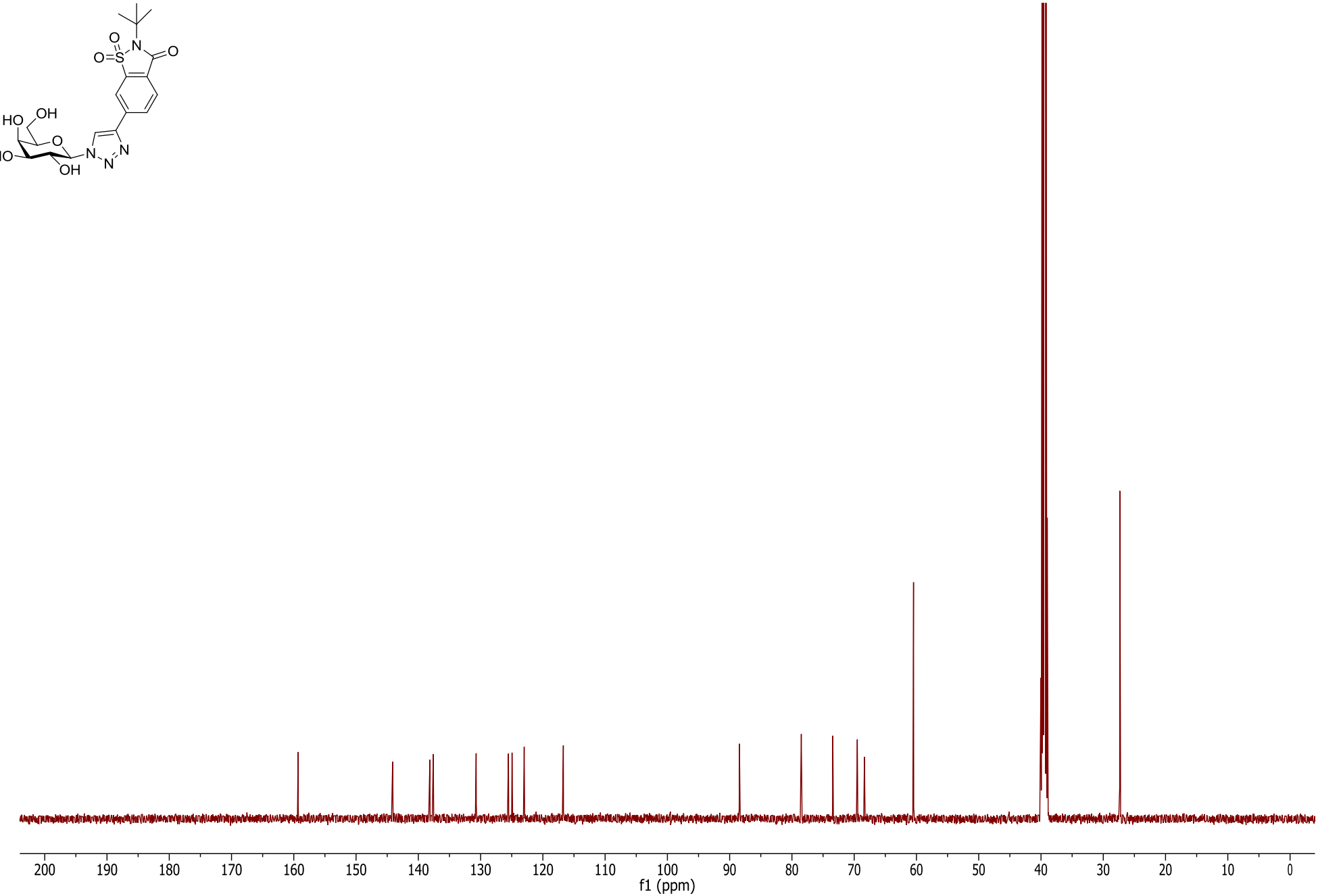


Compound **30** 500 MHz ^{1}H NMR $(CD_3)_2SO$

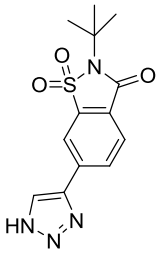


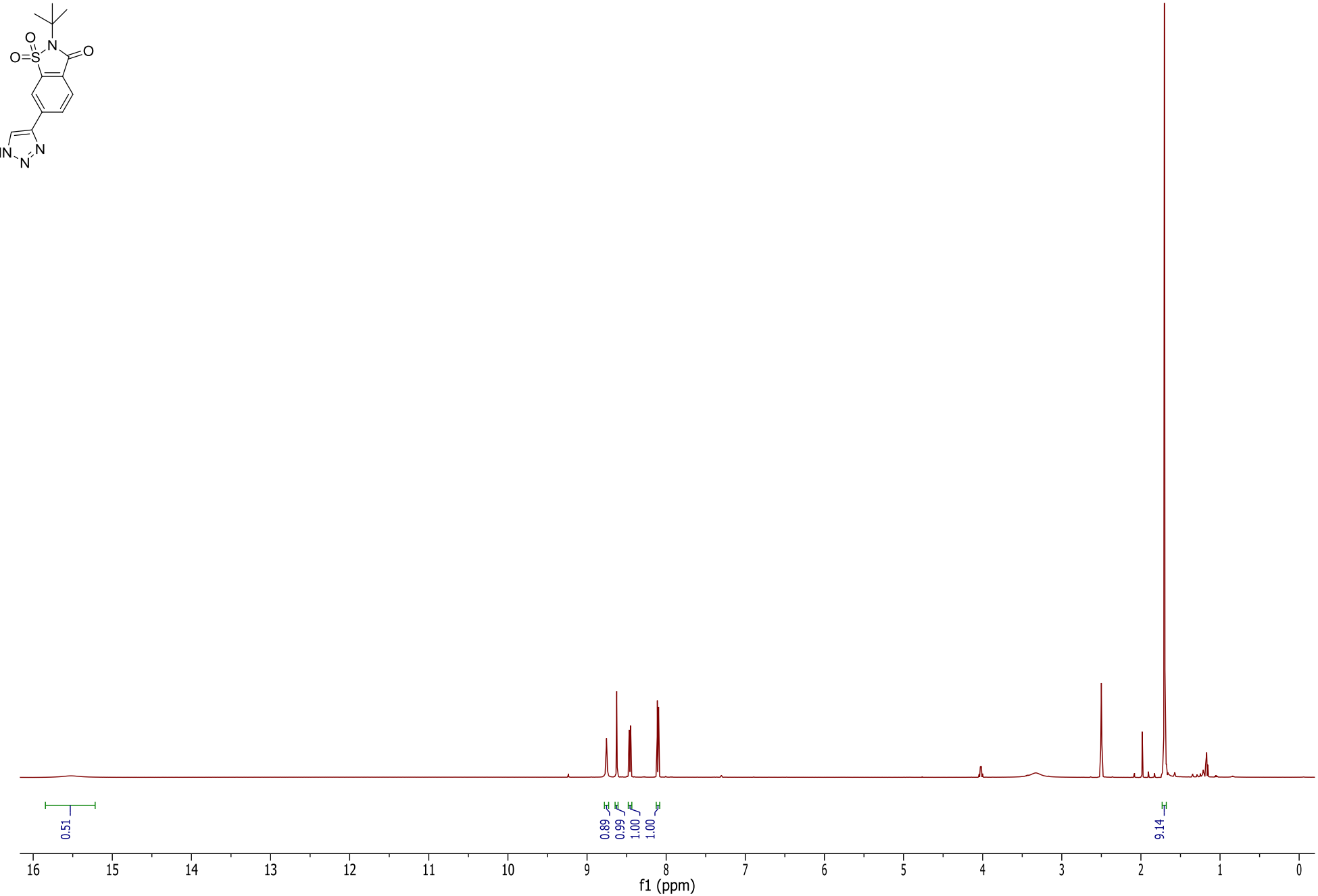
Compound **30** 125 MHz ^{13}C NMR $(CD_3)_2SO$



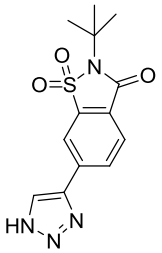


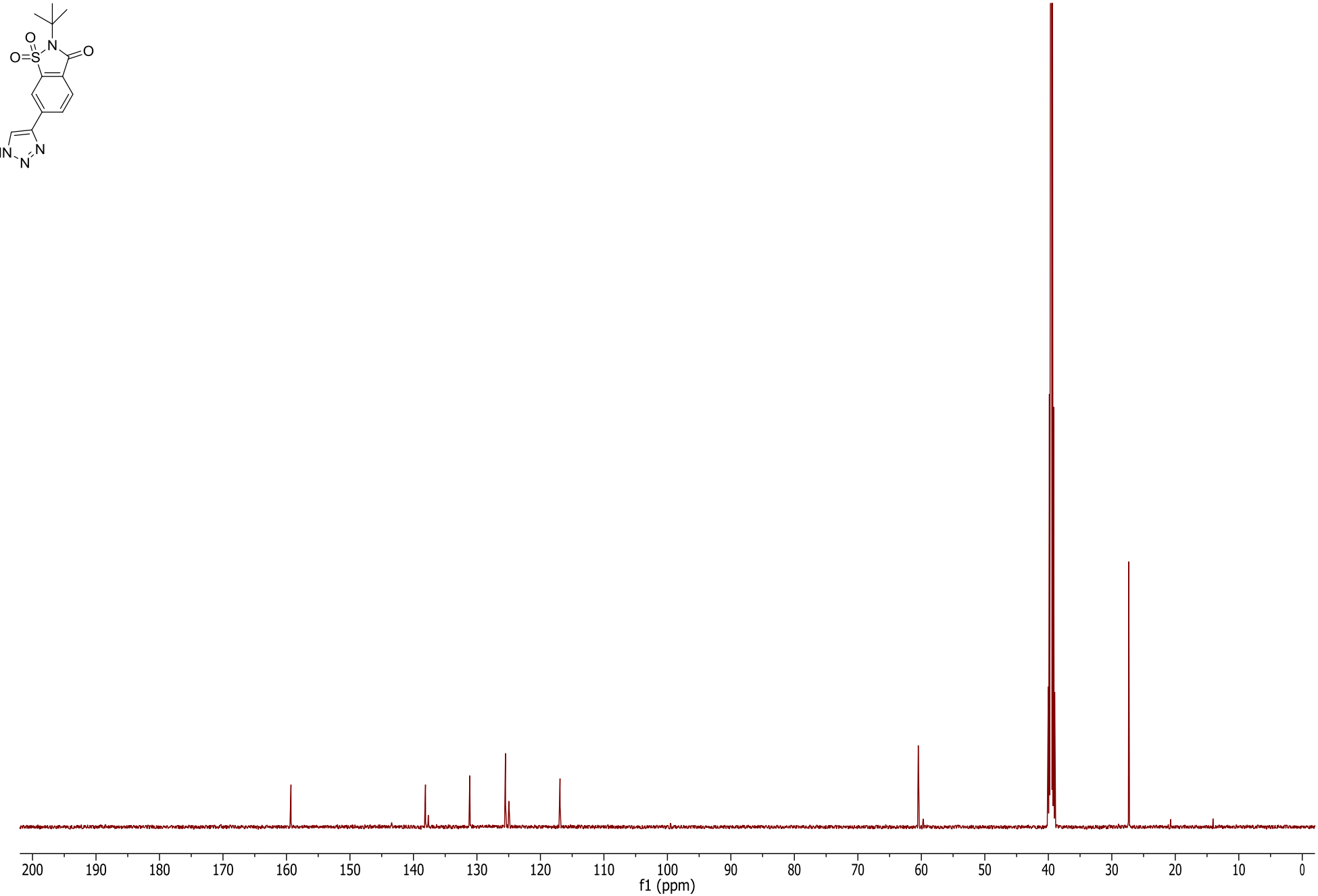
Compound **31** 500 MHz ^{1}H NMR $(CD_3)_2SO$



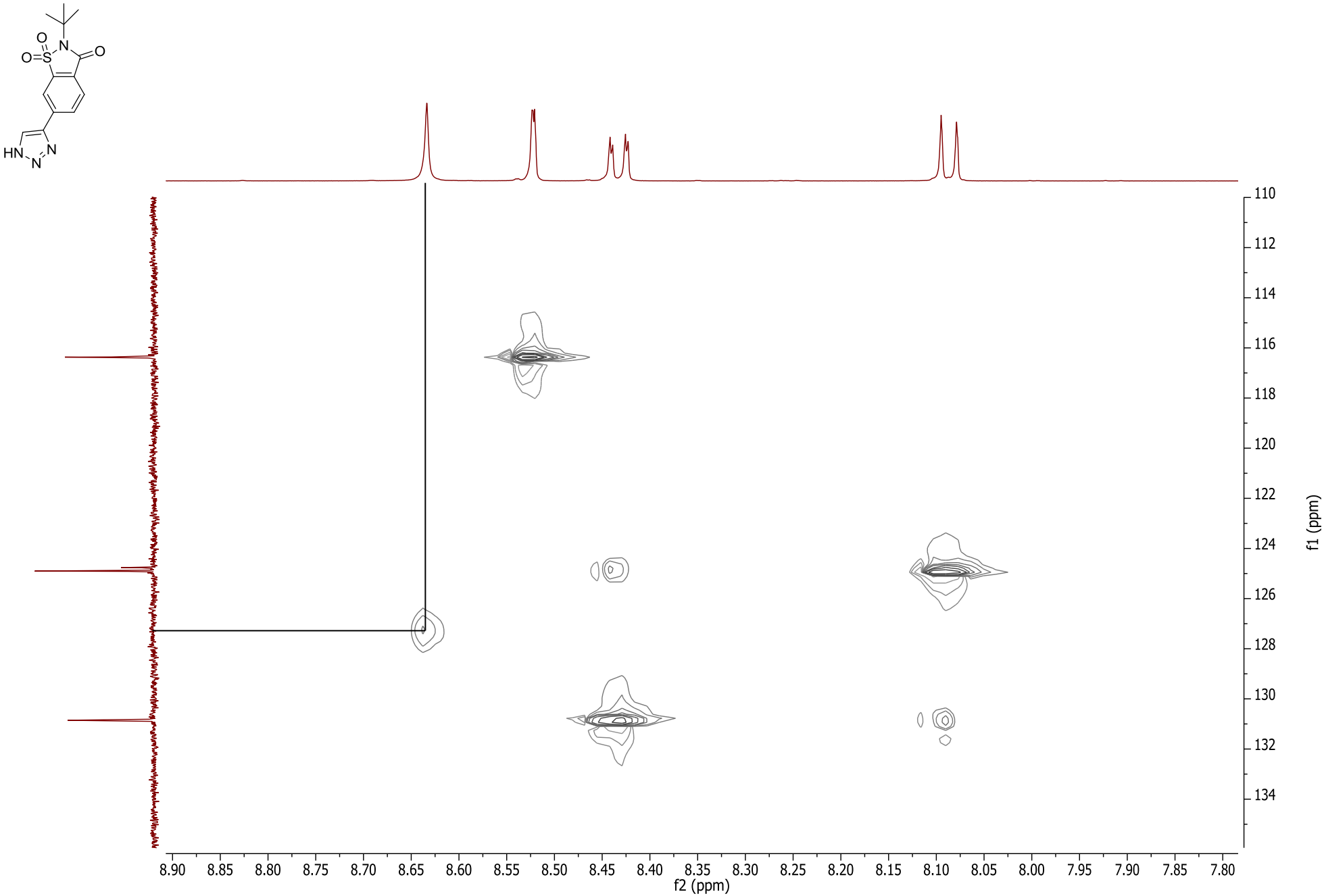


Compound **31** 125 MHz ^{13}C NMR $(CD_3)_2SO$

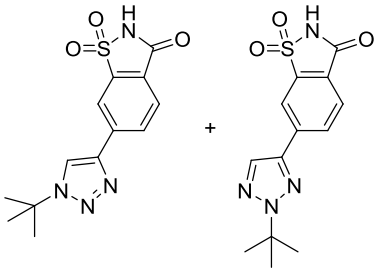




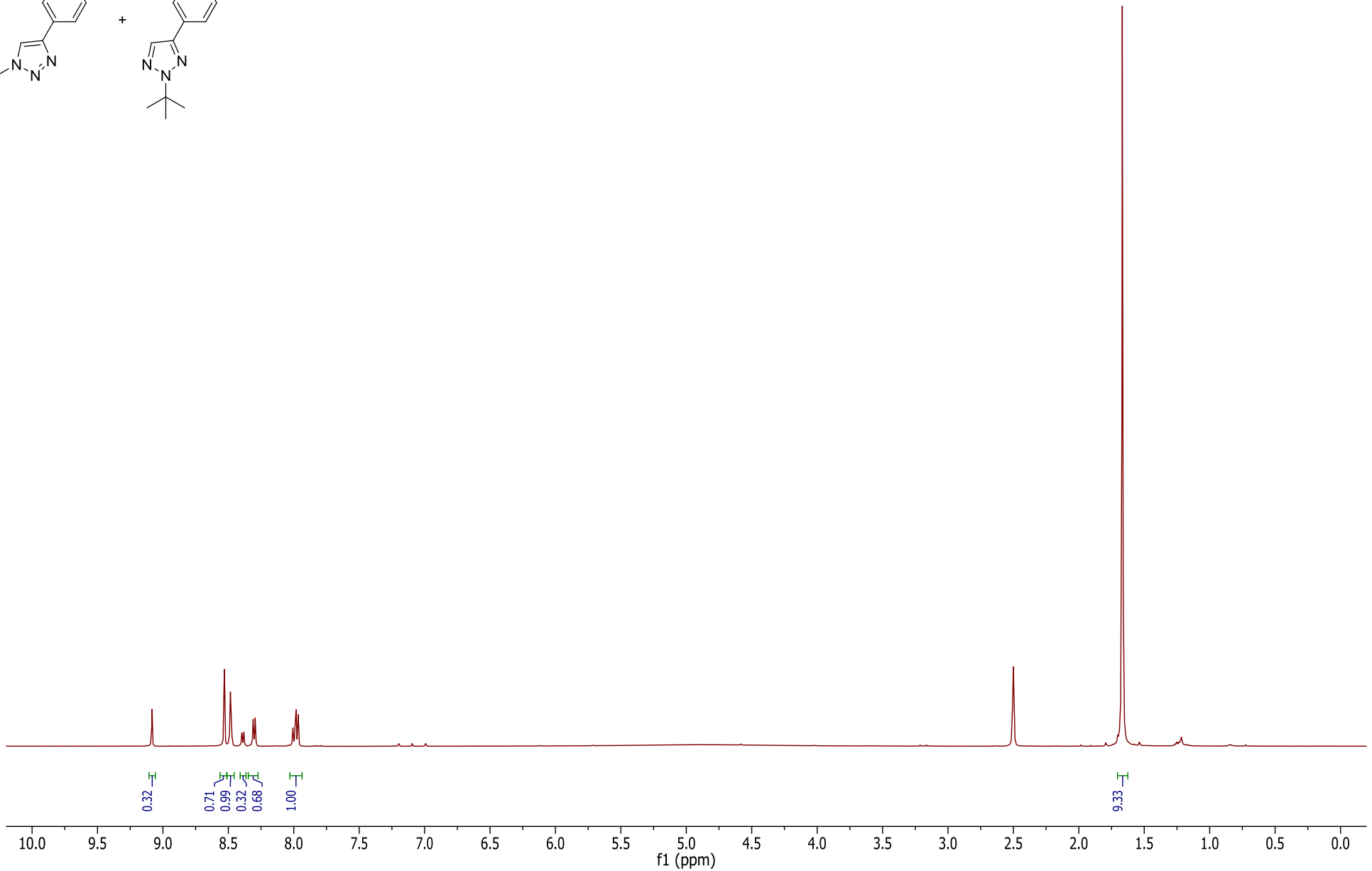
Compound **31** HSQC NMR $(CD_3)_2SO$, 90 °C, coupling constant 160 Hz



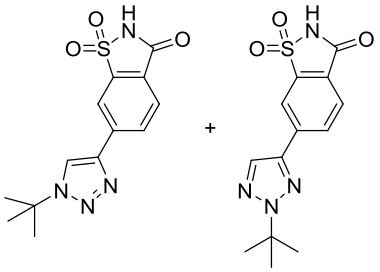
Compound **32a+32b** 500 MHz ^{1}H NMR $(CD_3)_2SO$



+



Compound **32a+32b** 125 MHz ^{13}C NMR $(CD_3)_2SO$



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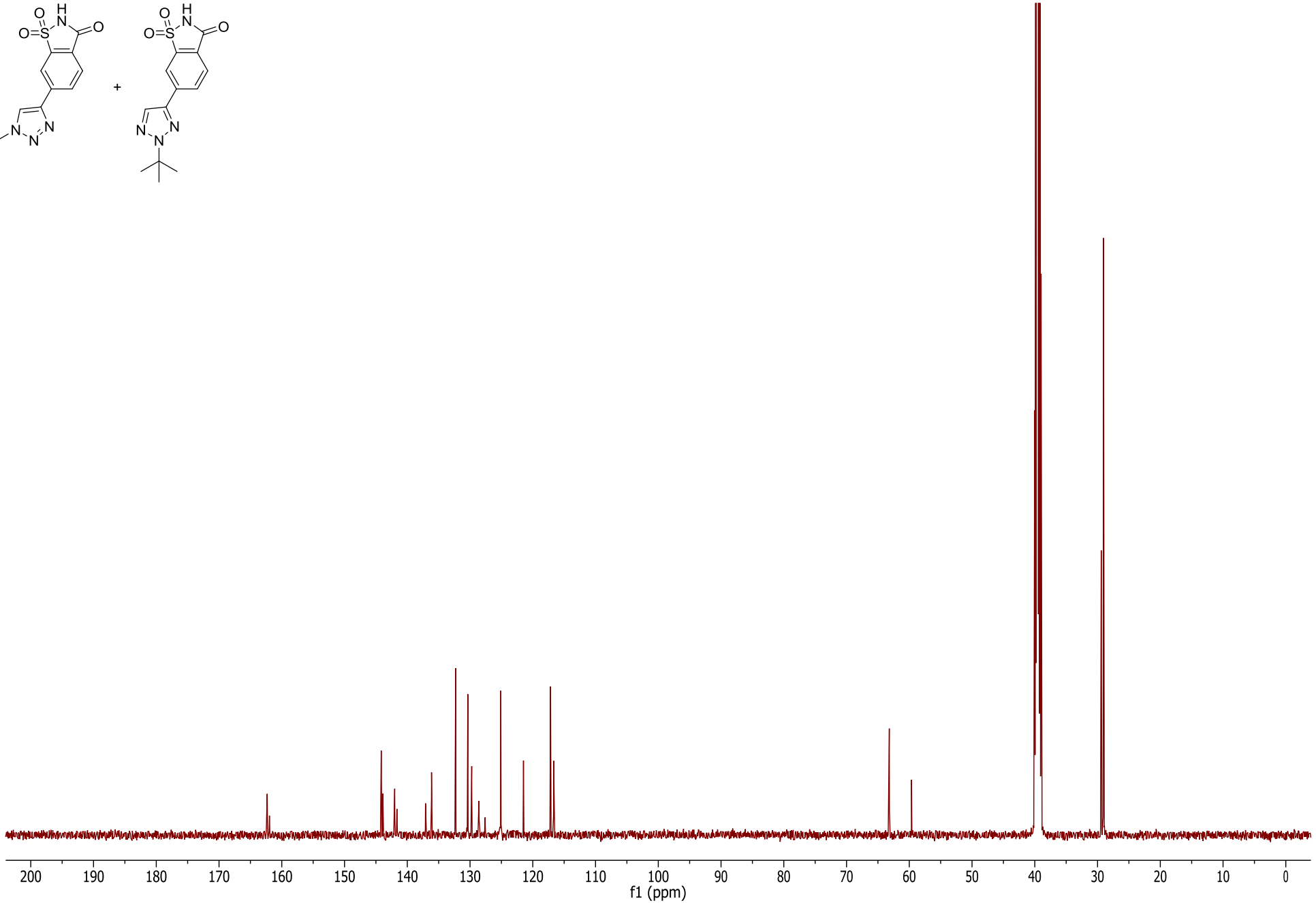
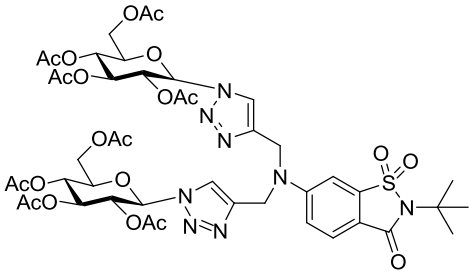
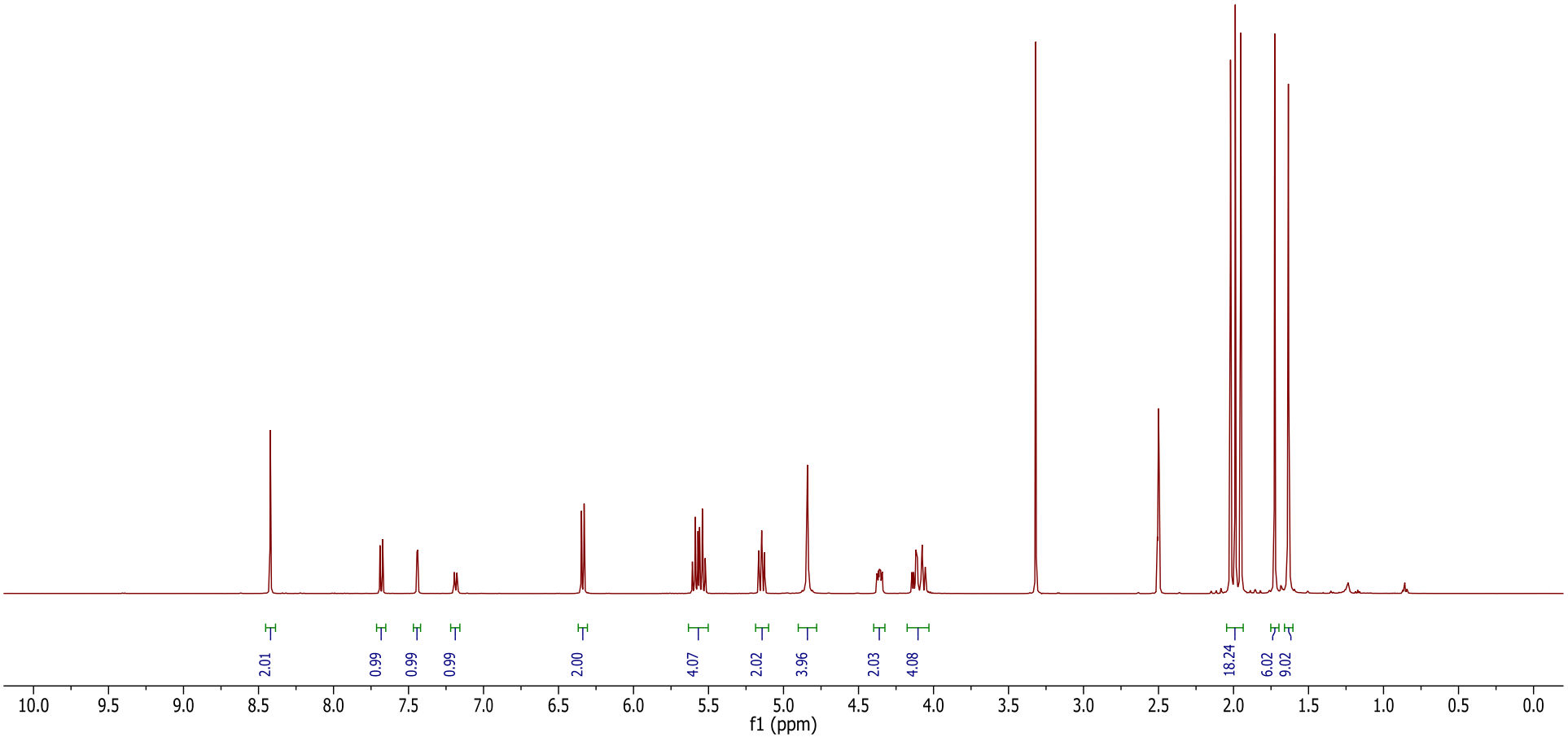
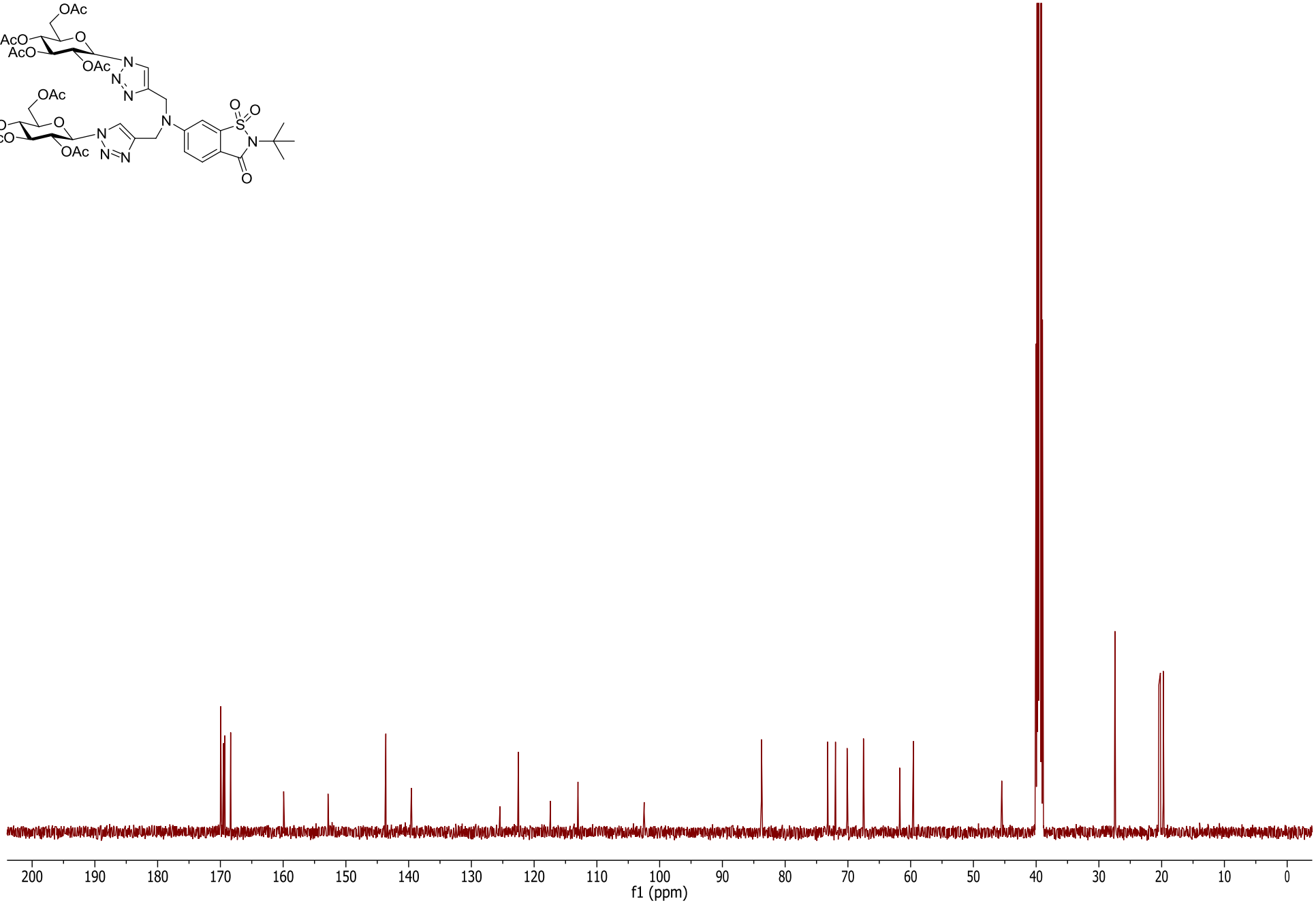


Compound **33** 500 MHz ^{1}H NMR $(CD_3)_2SO$

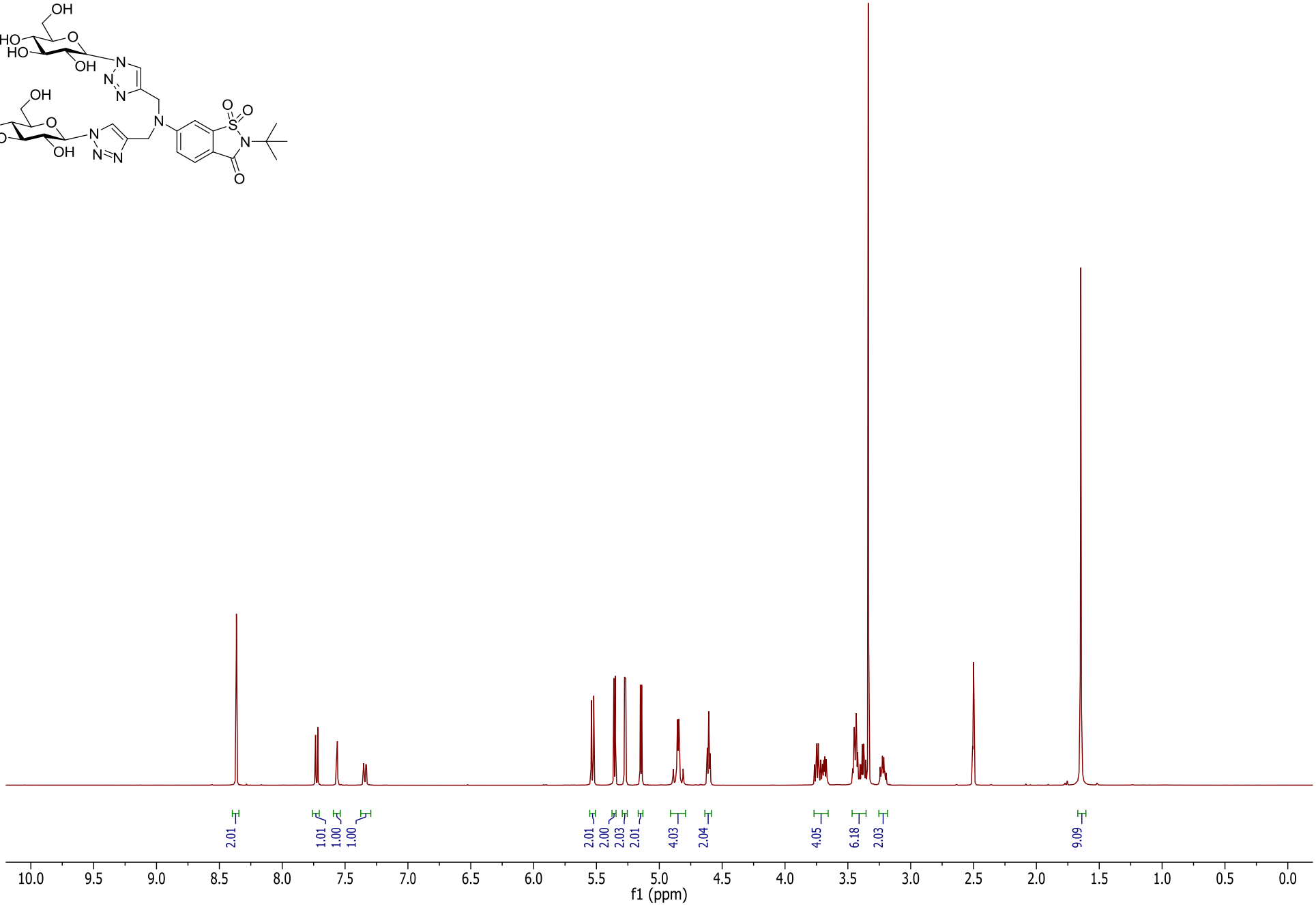




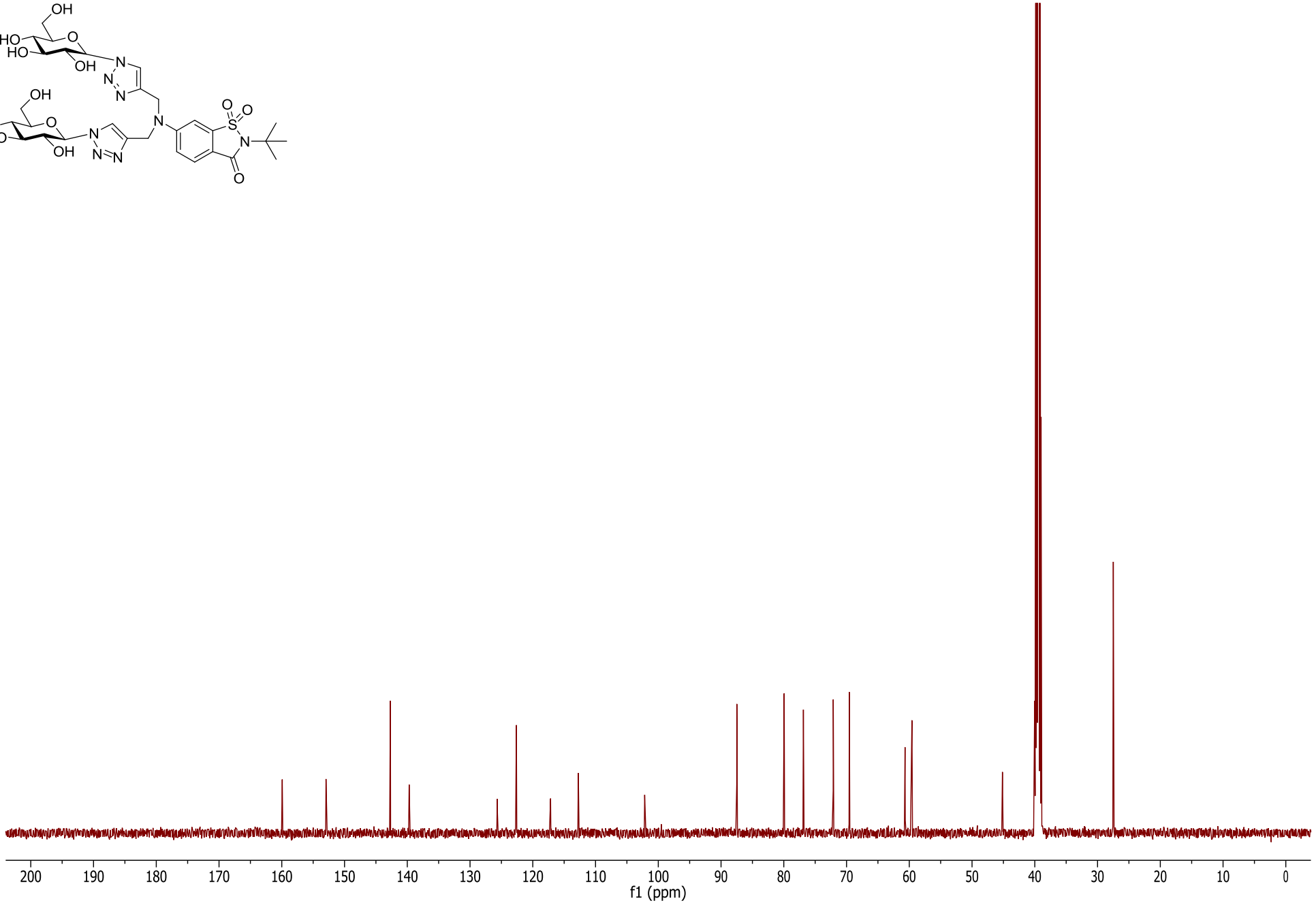
Compound **33** 125 MHz ^{13}C NMR $(CD_3)_2SO$



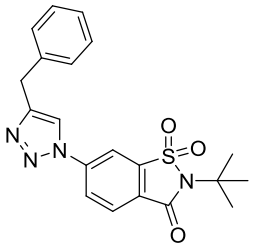
Compound **34** 500 MHz ^{1}H NMR $(CD_3)_2SO$

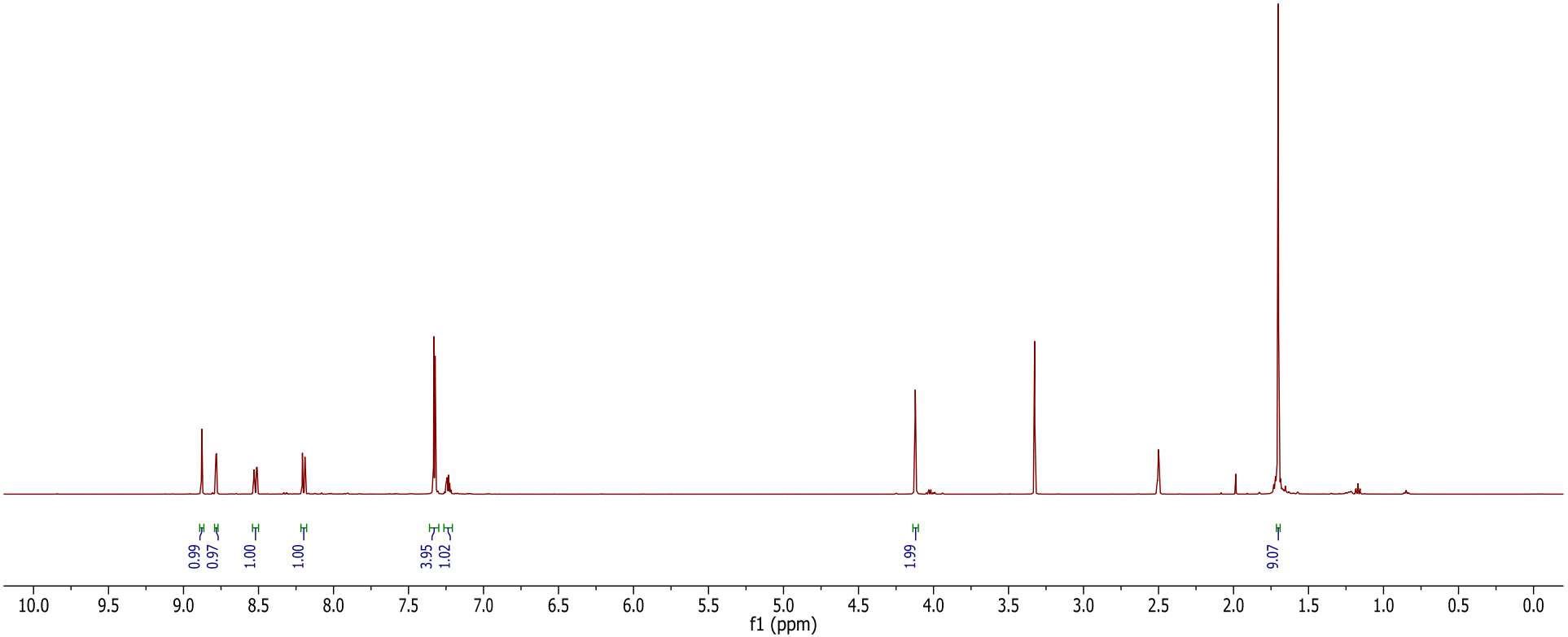


Compound **34** 125 MHz ^{13}C NMR $(CD_3)_2SO$

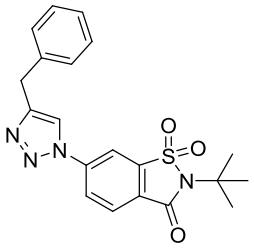


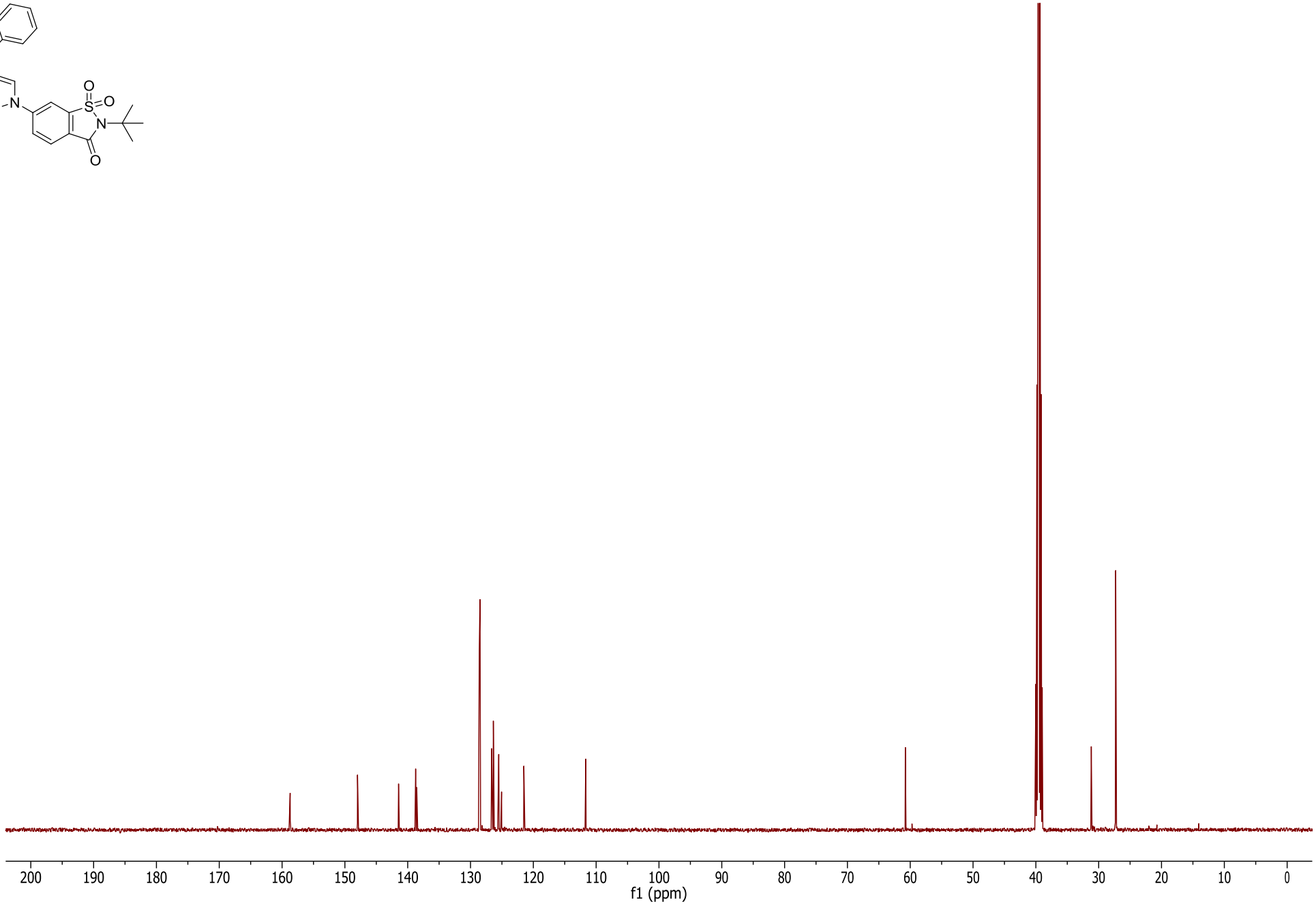
Compound **35** 500 MHz ^{1}H NMR $(CD_3)_2SO$



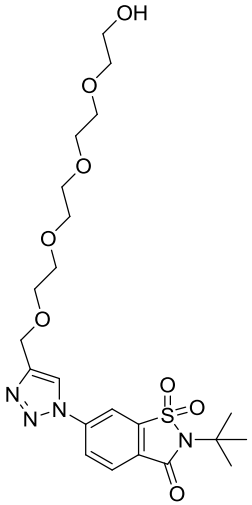


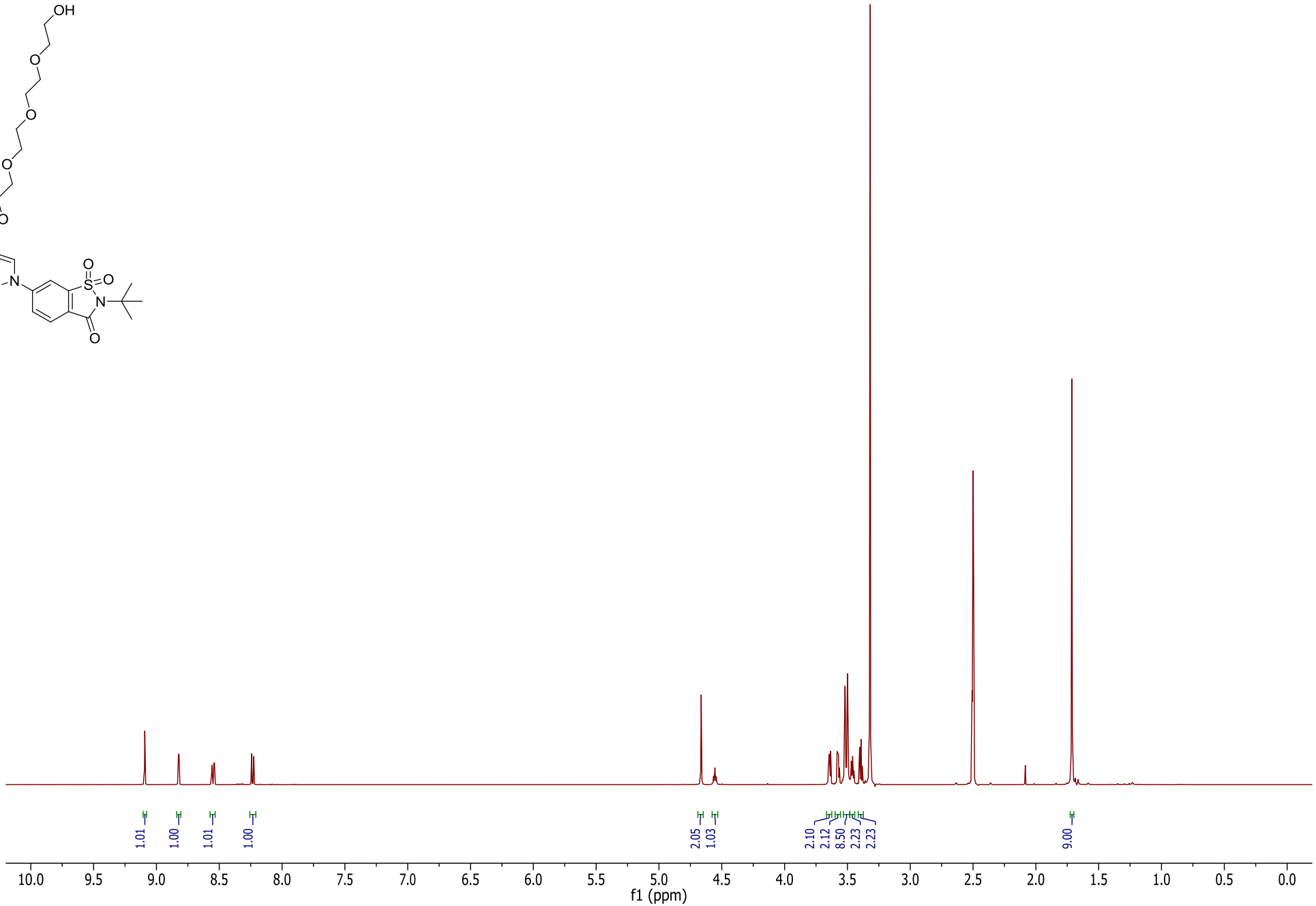
Compound **35** 125 MHz ^{13}C NMR $(CD_3)_2SO$



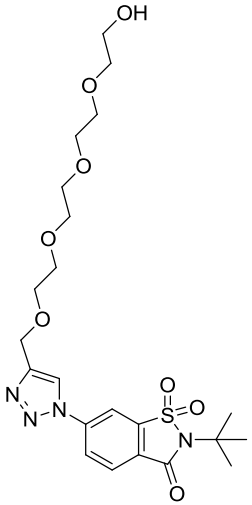


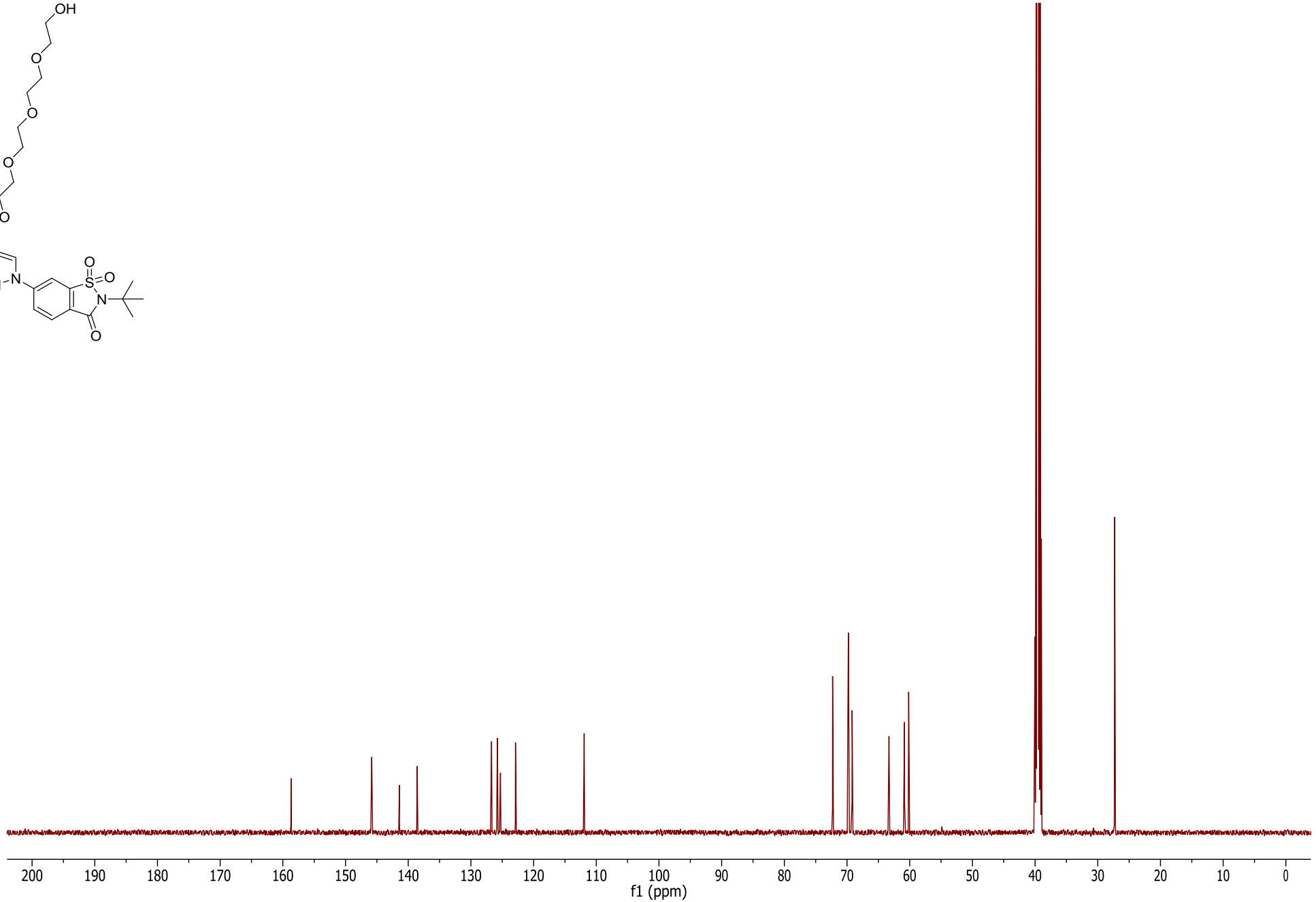
Compound **36** 500 MHz ^{1}H NMR $(CD_3)_2SO$



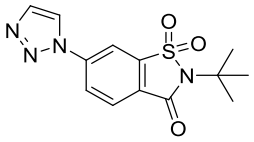


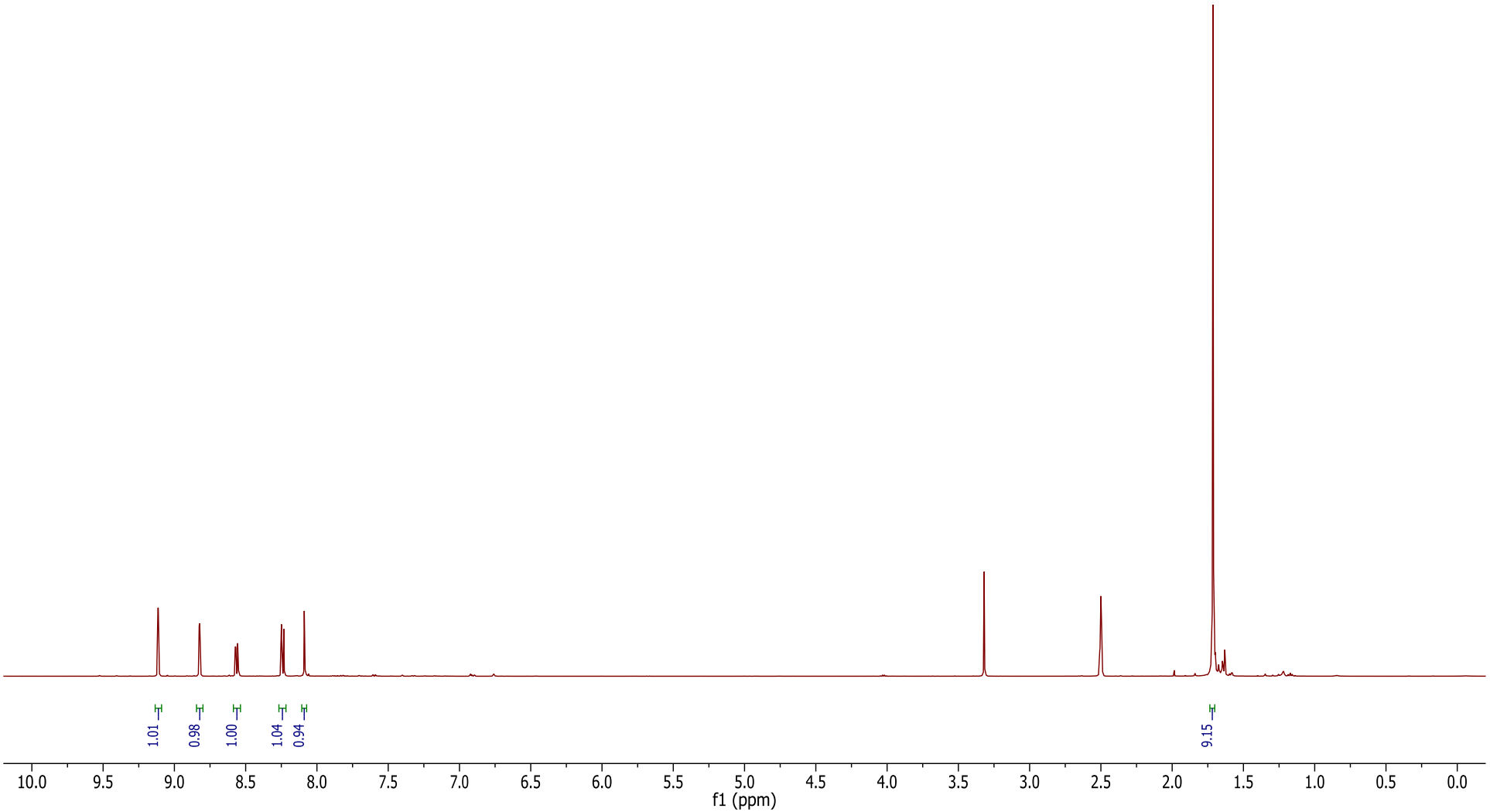
Compound **36** 125 MHz ^{13}C NMR $(CD_3)_2SO$



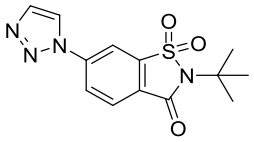


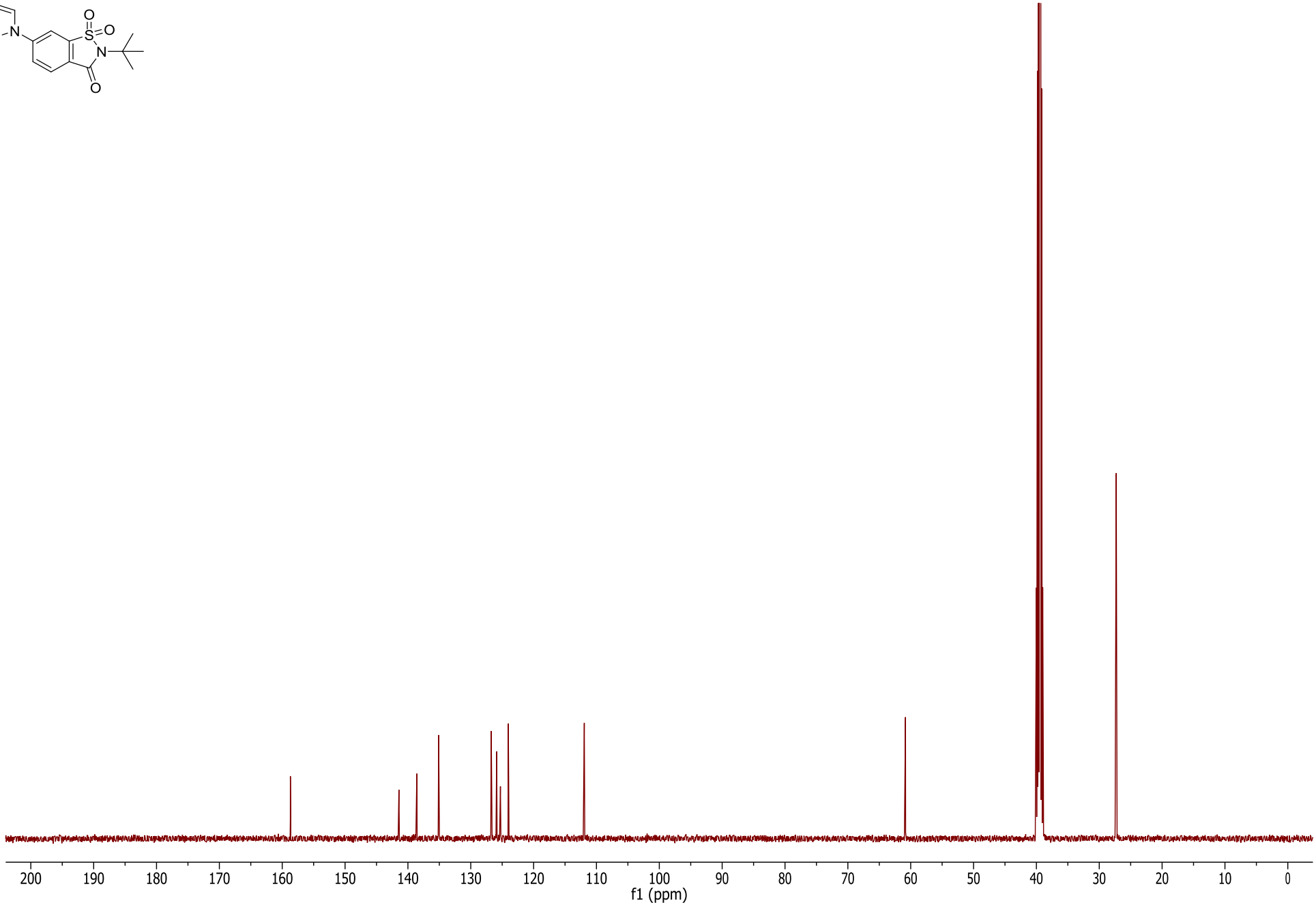
Compound **37** 500 MHz ^{1}H NMR $(CD_3)_2SO$



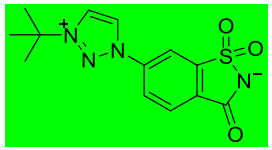


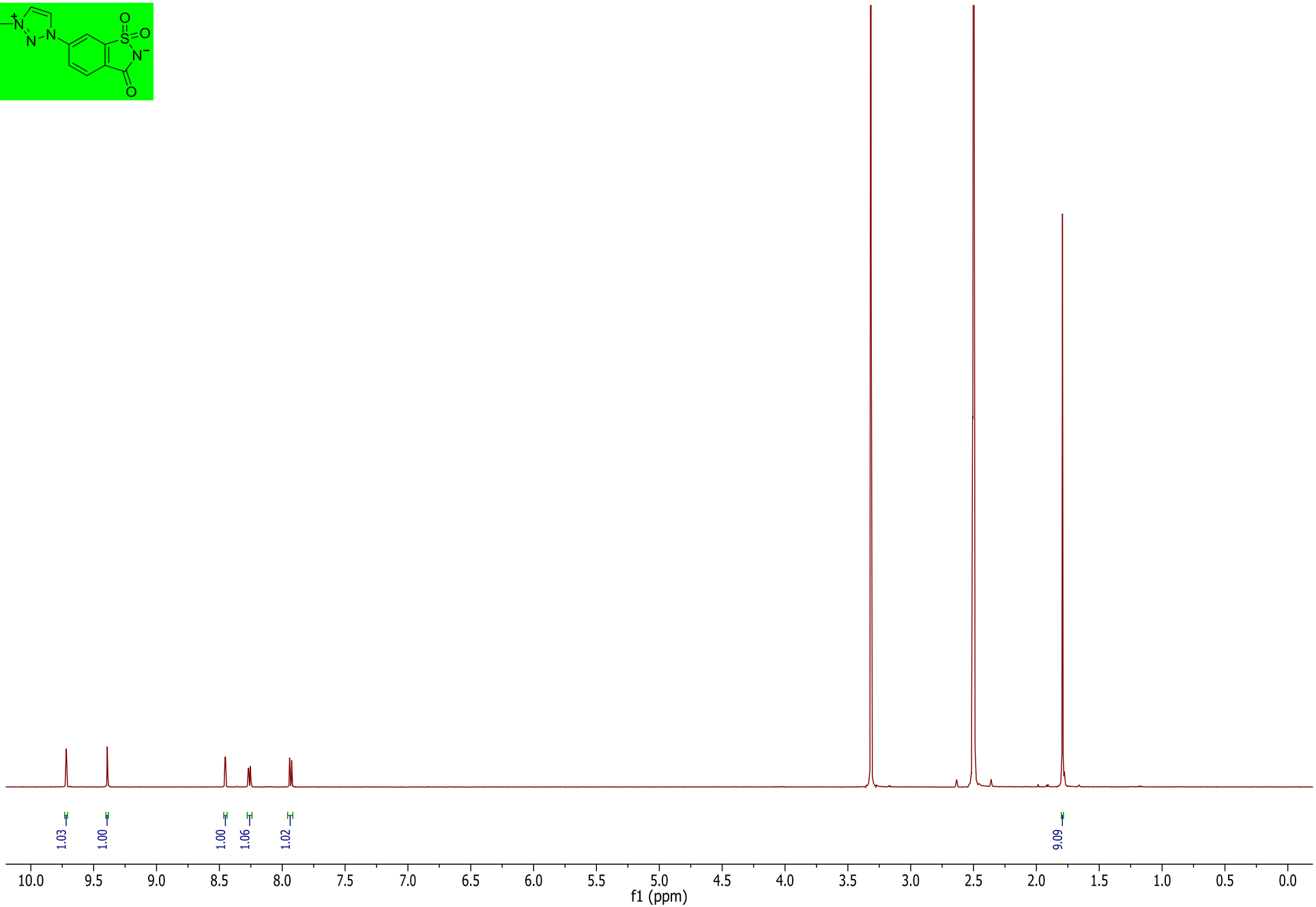
Compound **37** 125 MHz ^{13}C NMR $(CD_3)_2SO$



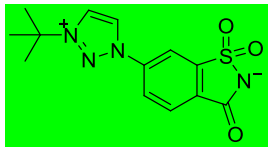


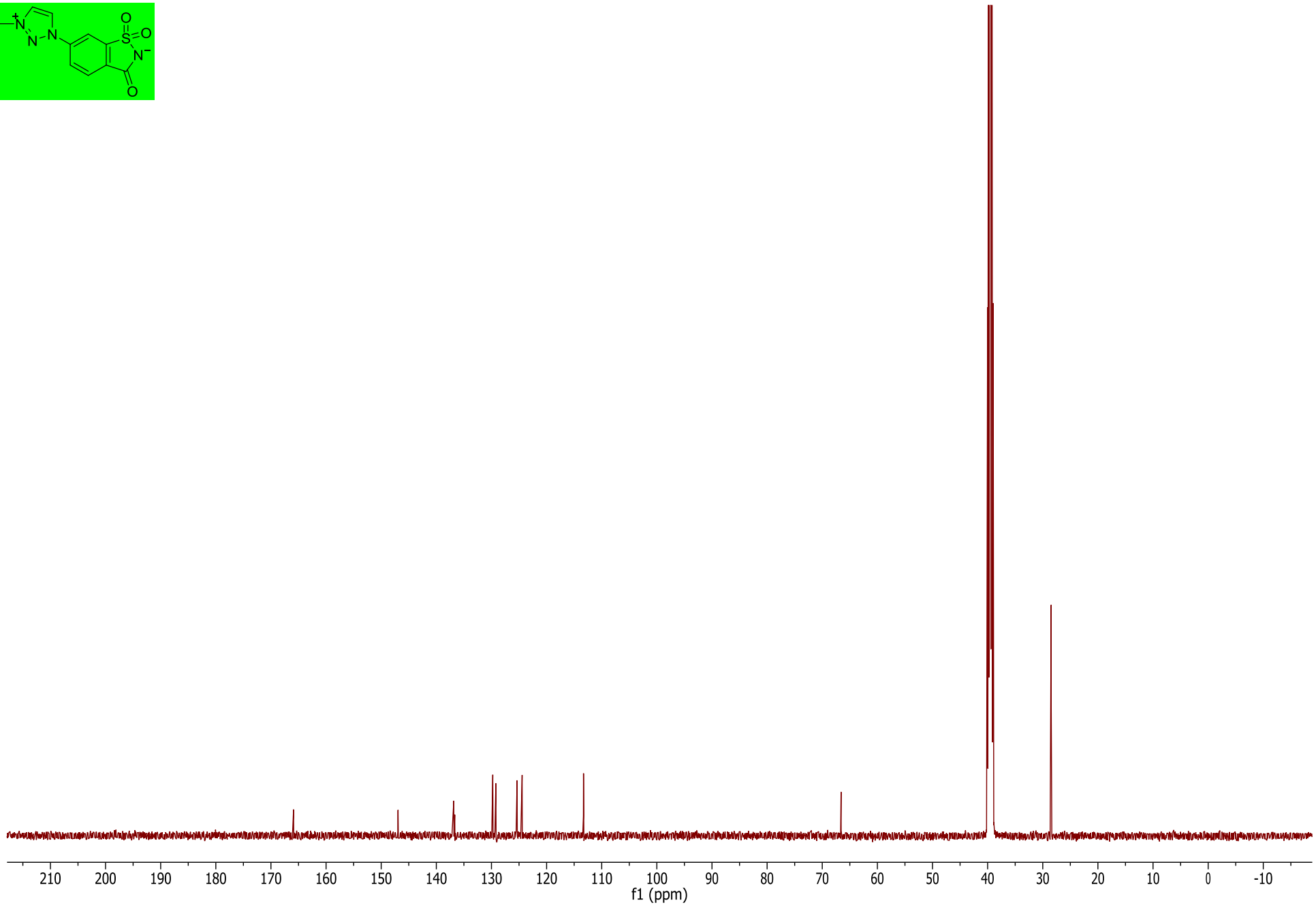
Compound **38** 500 MHz ^{1}H NMR $(CD_3)_2SO$



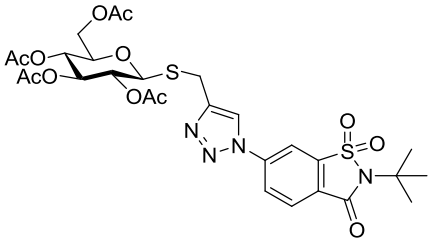


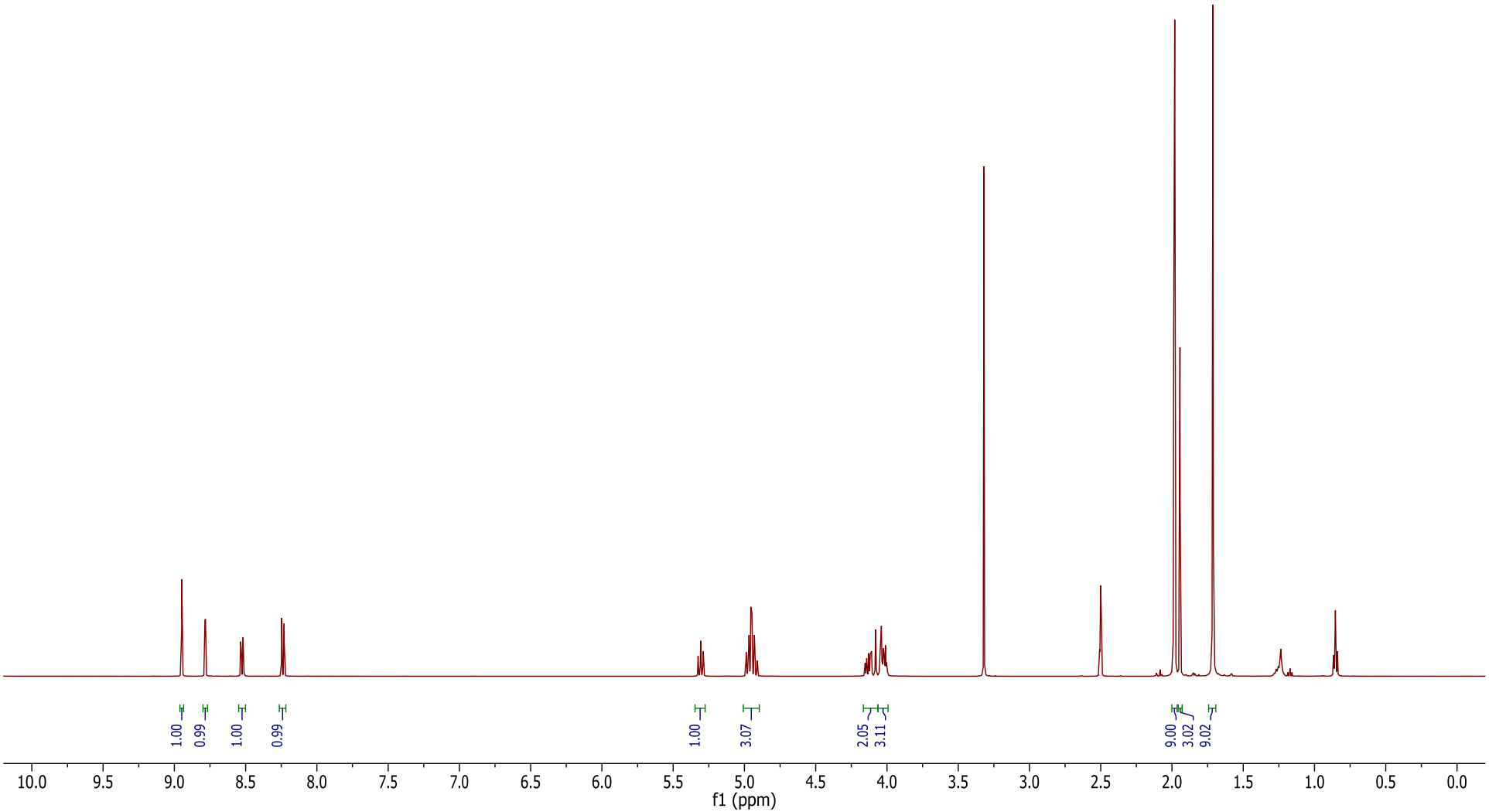
Compound **38** 125 MHz ^{13}C NMR $(CD_3)_2SO$



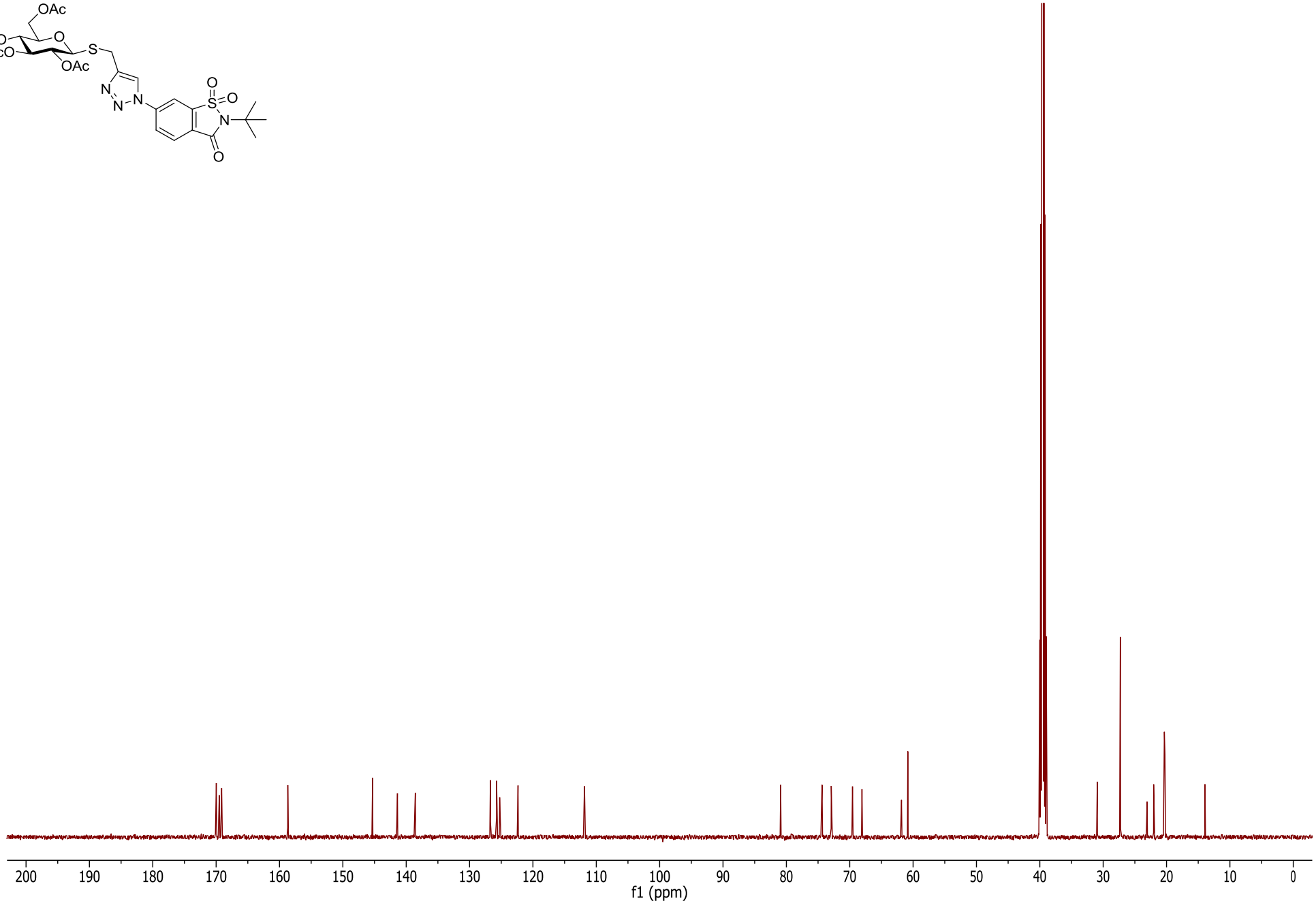


Compound **39** 500 MHz ^{1}H NMR $(CD_3)_2SO$

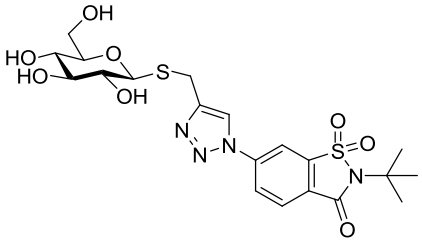


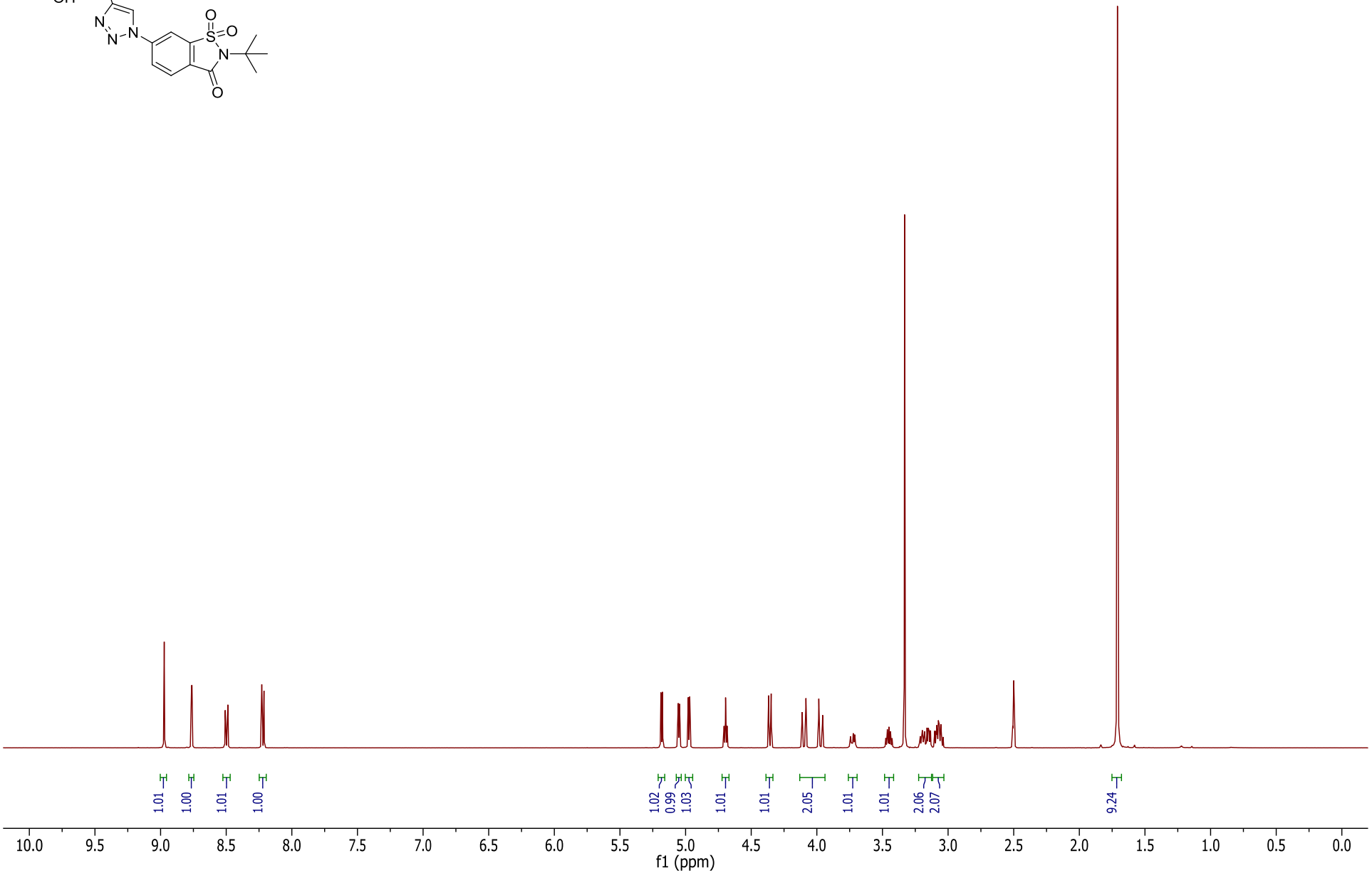


Compound **39** 125 MHz ^{13}C NMR $(CD_3)_2SO$

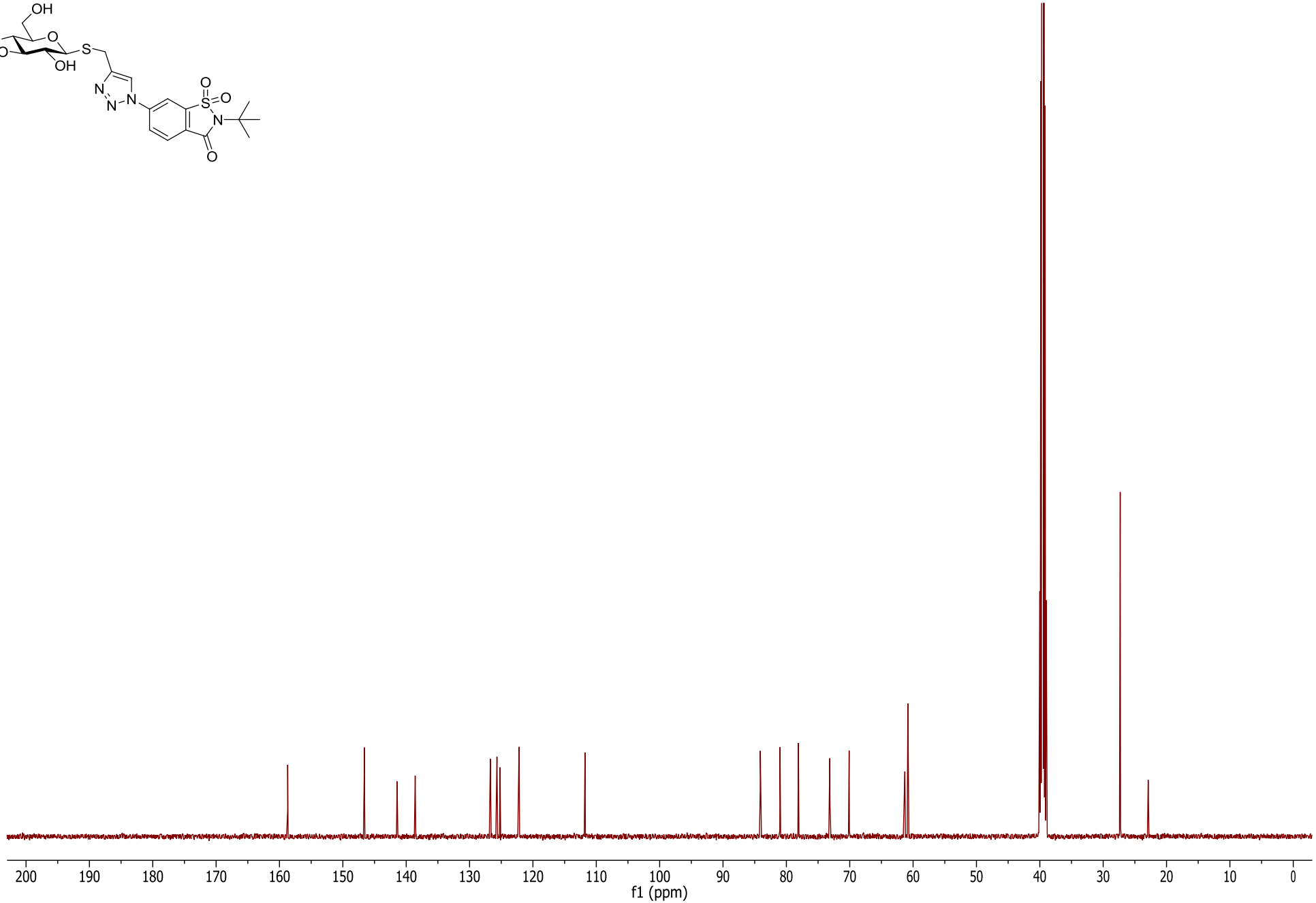


Compound **40** 500 MHz ^{1}H NMR $(CD_3)_2SO$

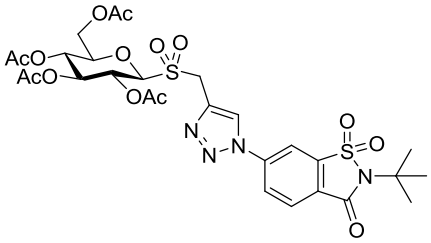


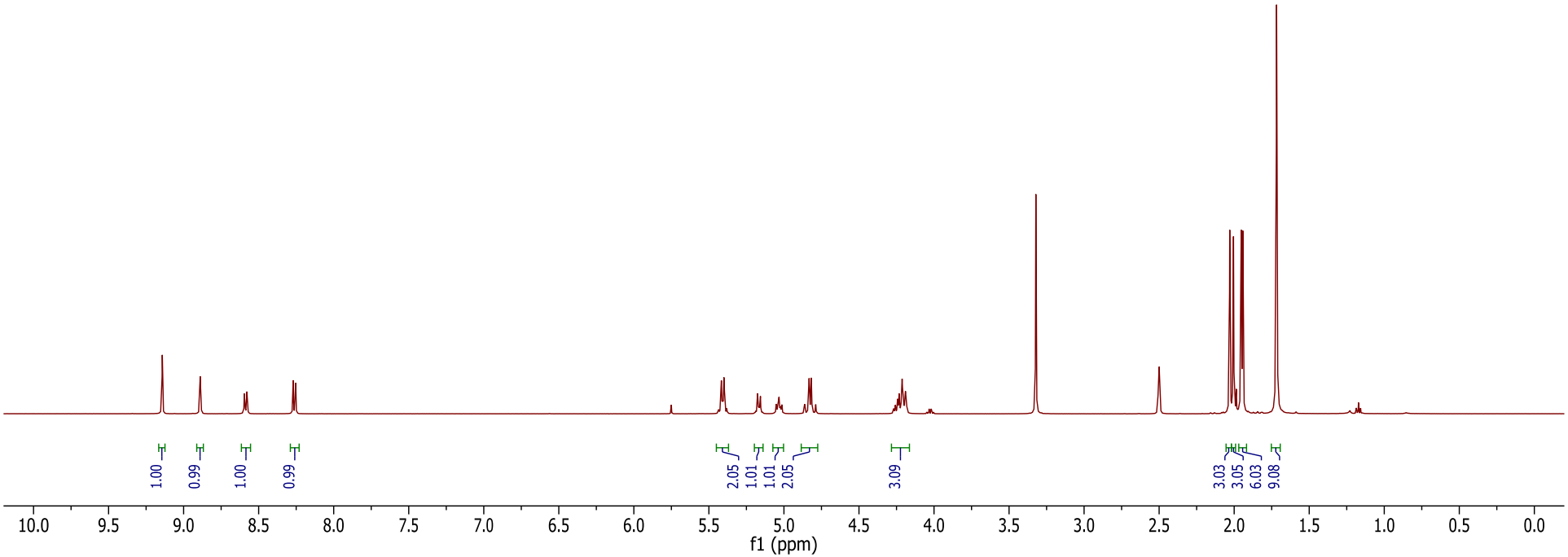


Compound **40** 125 MHz ^{13}C NMR $(CD_3)_2SO$

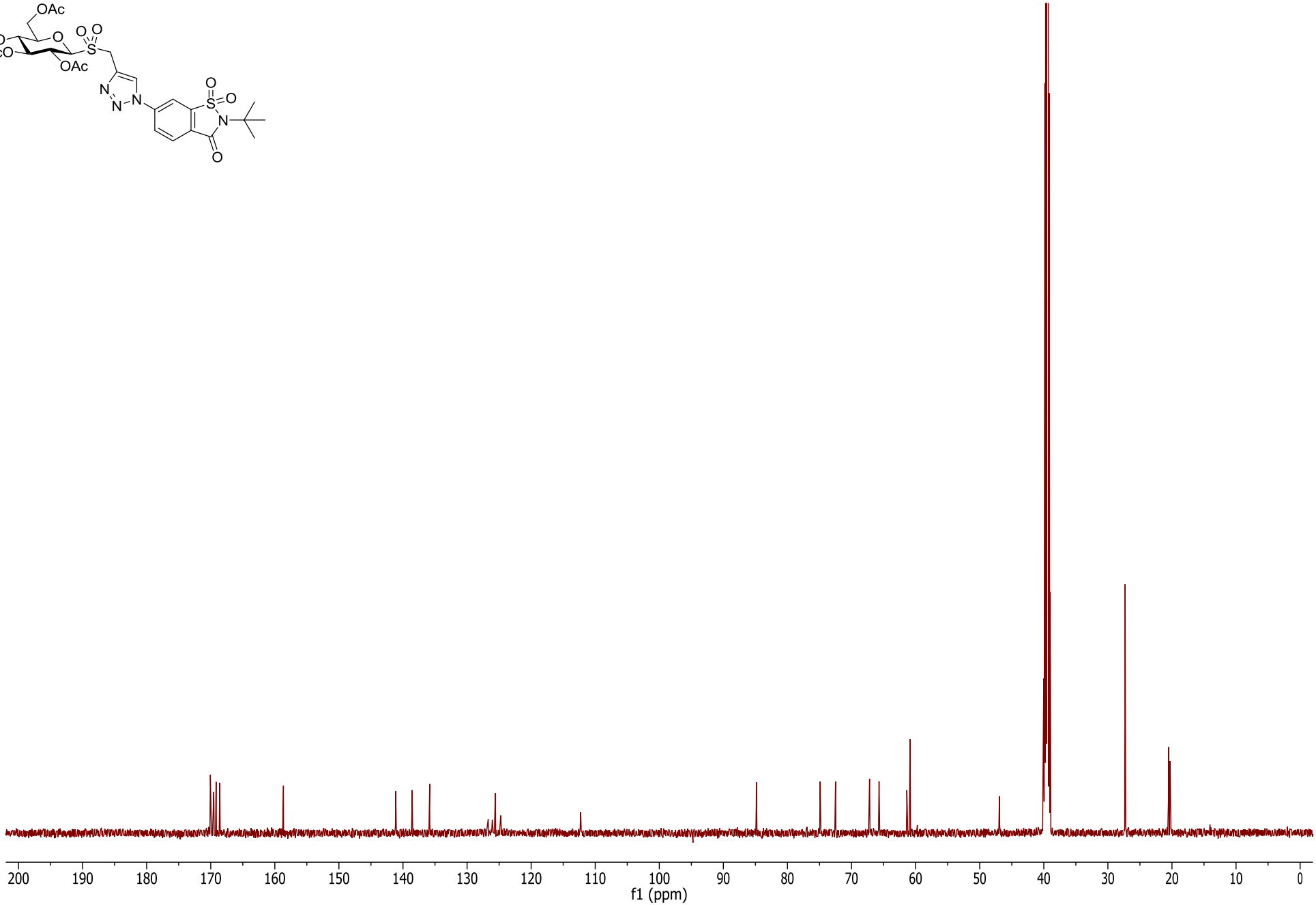


Compound **41** 500 MHz ^{1}H NMR $(CD_3)_2SO$

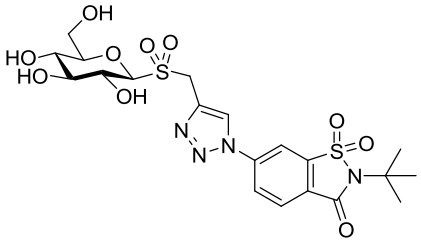


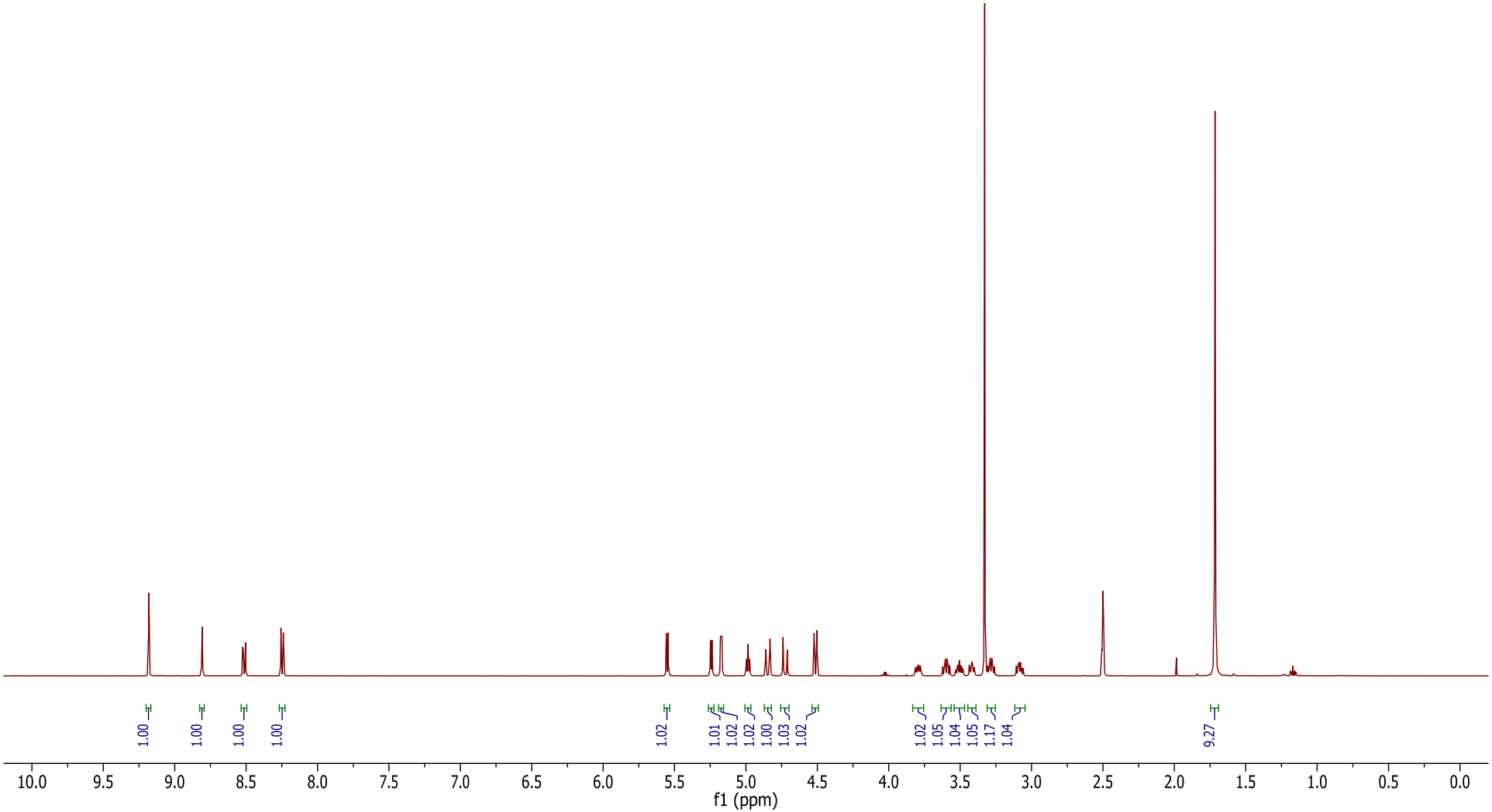


Compound **41** 125 MHz ^{13}C NMR $(CD_3)_2SO$



Compound **42** 500 MHz ^{1}H NMR $(CD_3)_2SO$





Compound **42** 125 MHz ^{13}C NMR $(CD_3)_2SO$