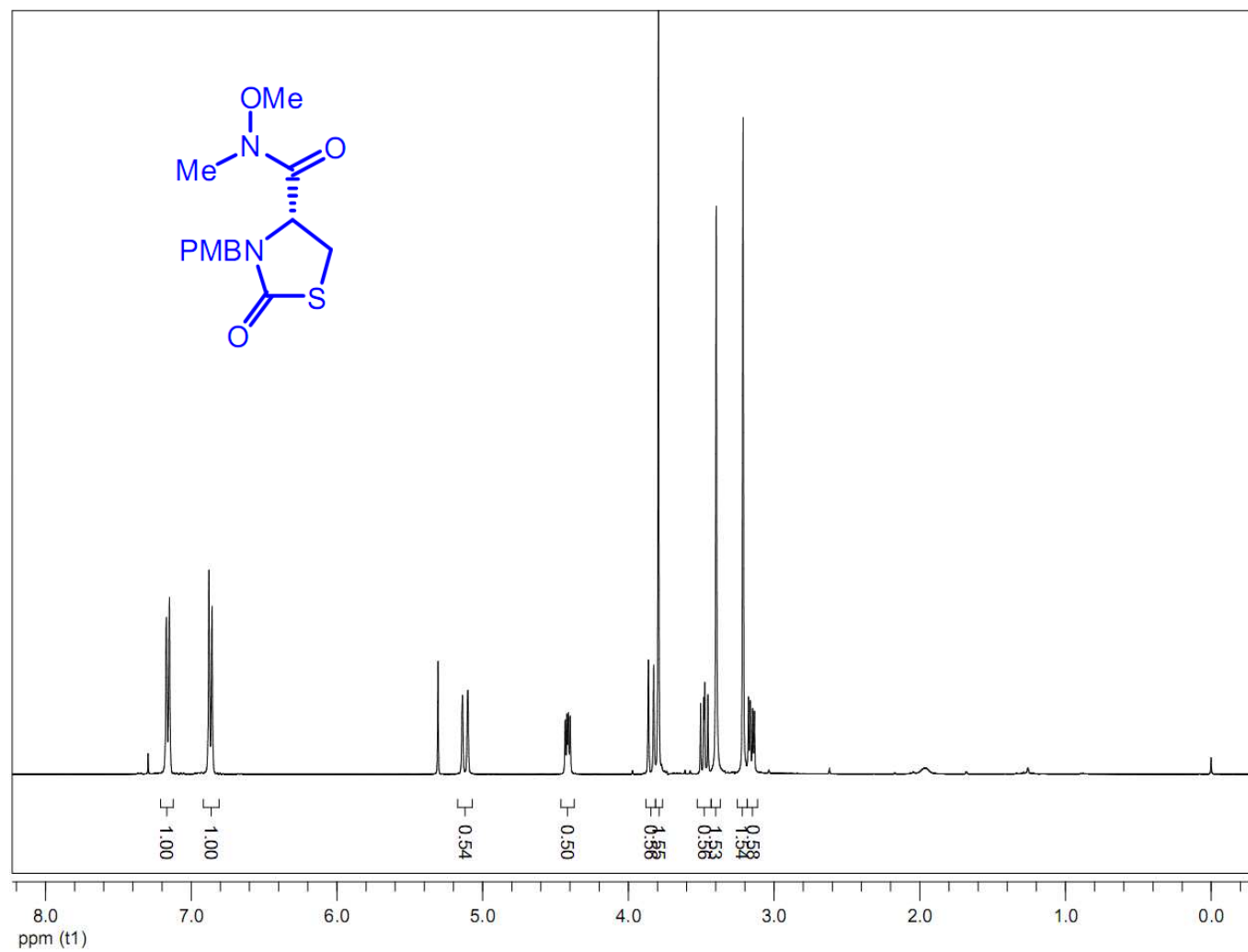
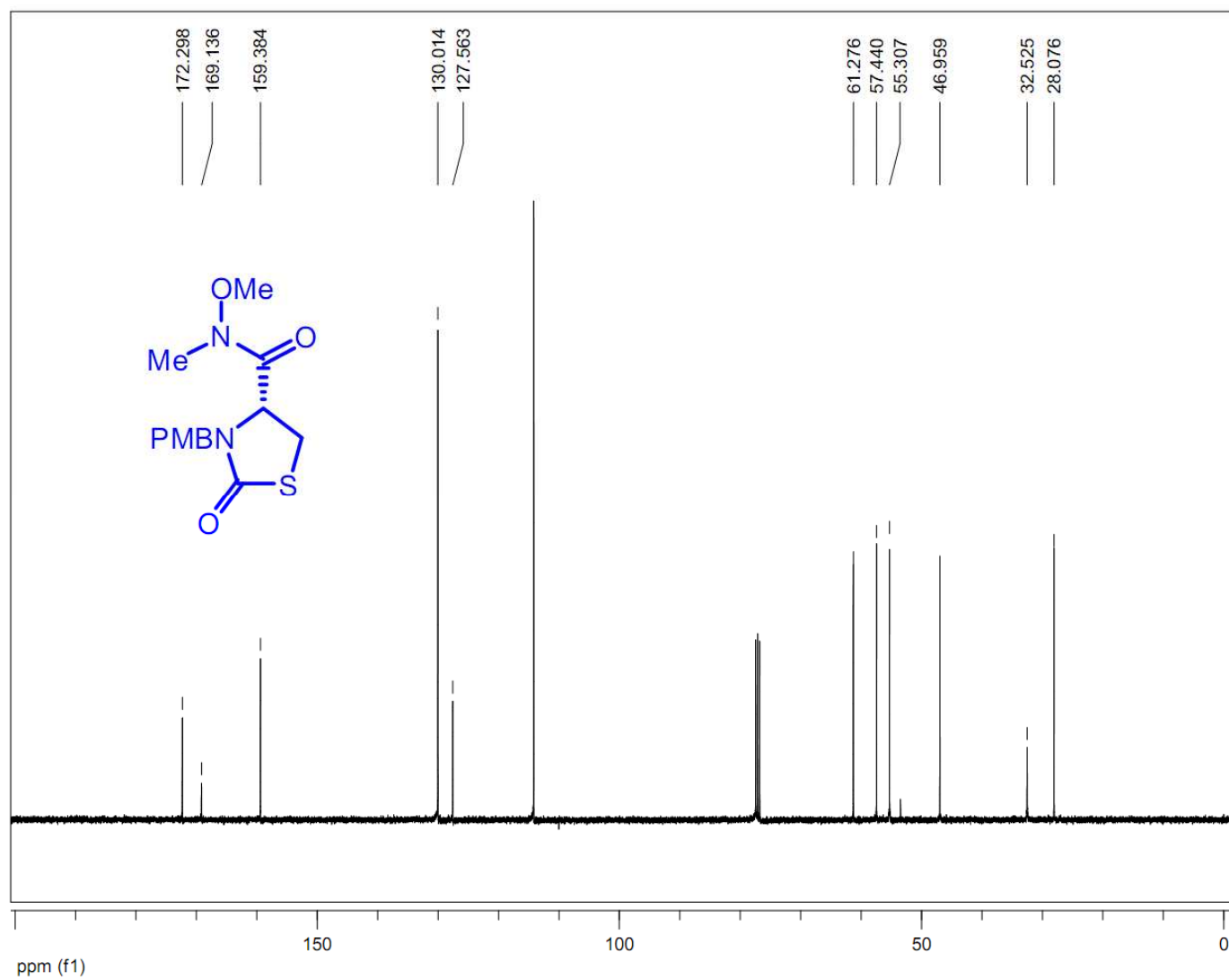


SPECTRAL DATA

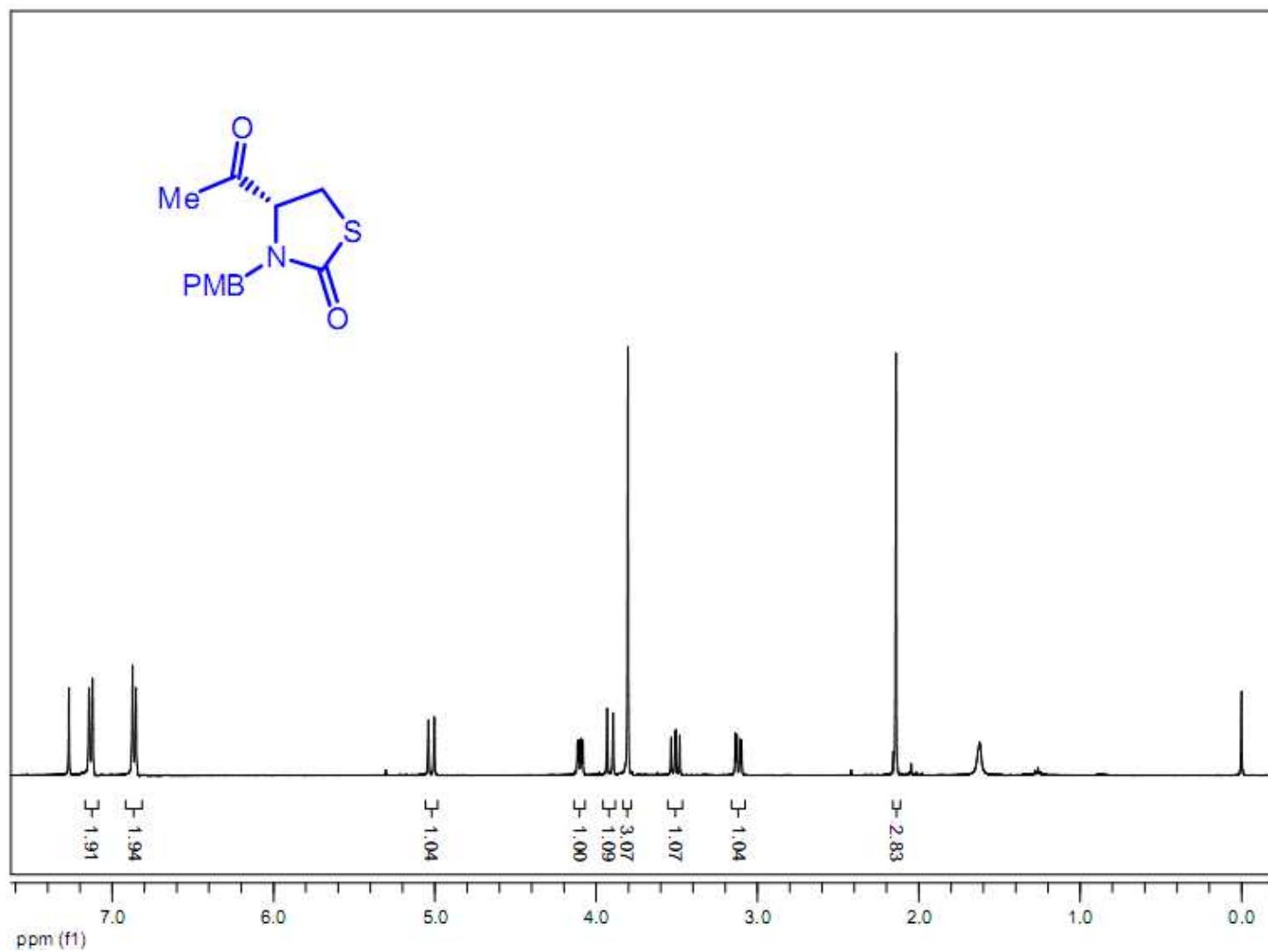
¹H-NMR spectra of compound **9**



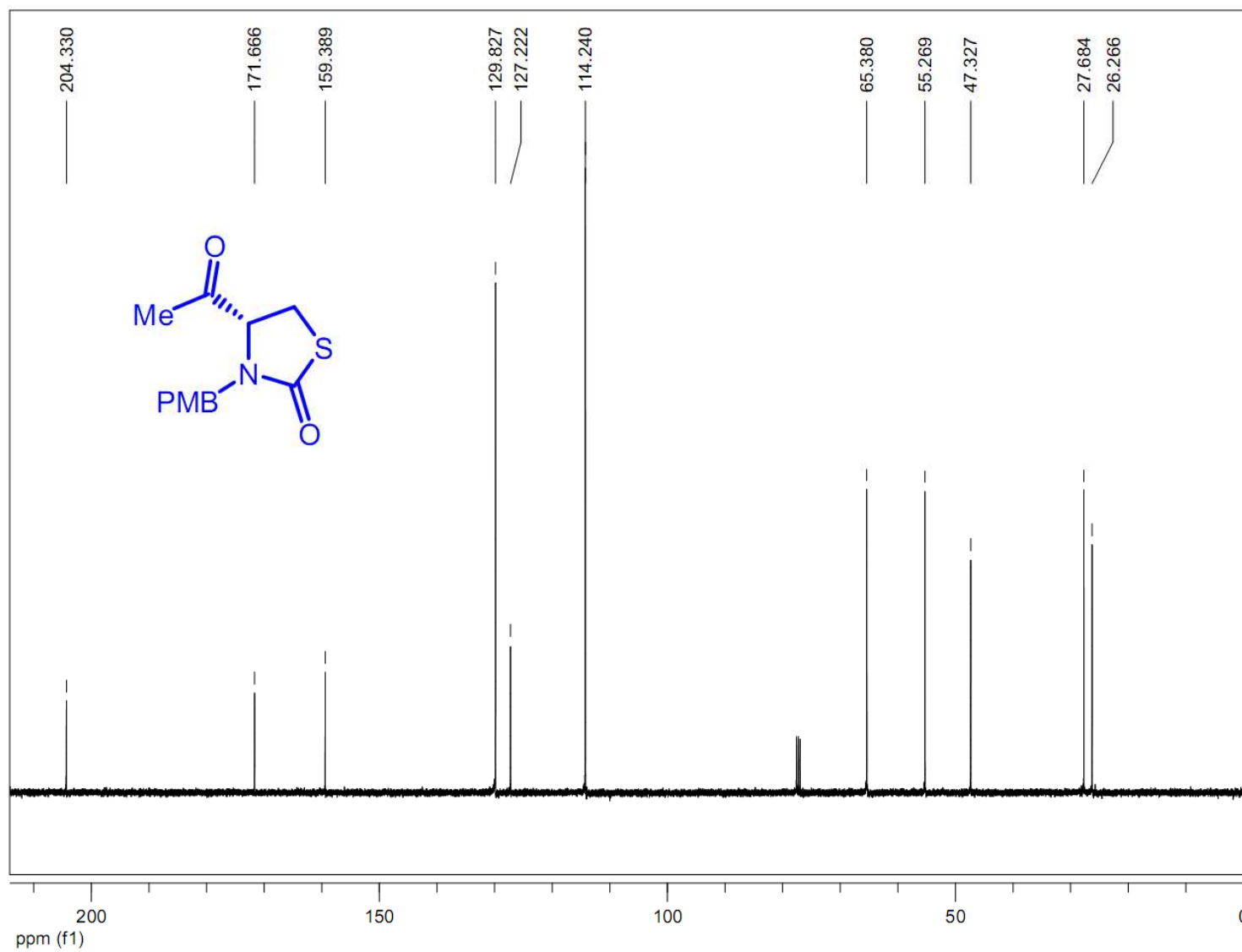
¹³C-NMR spectra of compound **9**



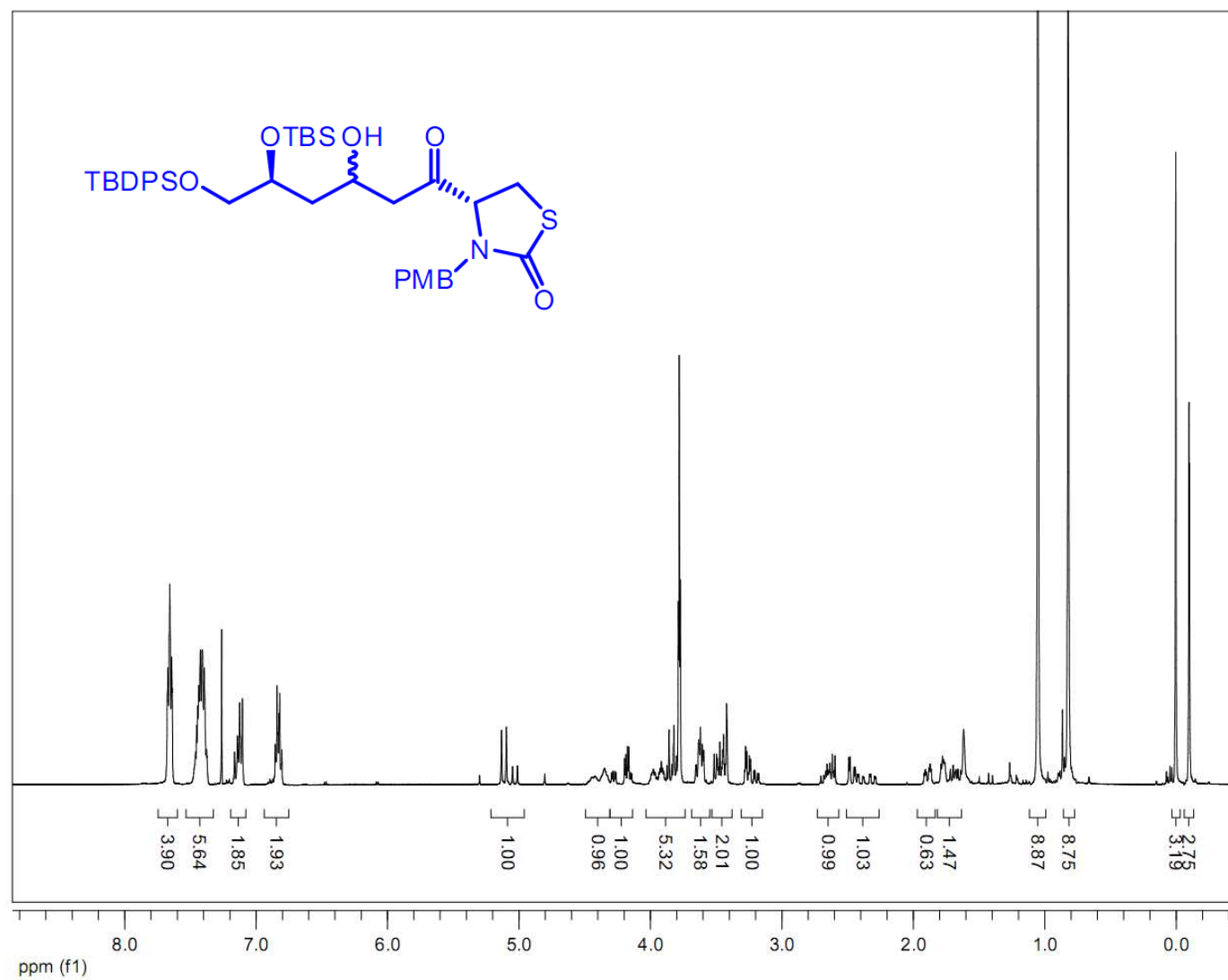
^1H -NMR spectra of compound **10**

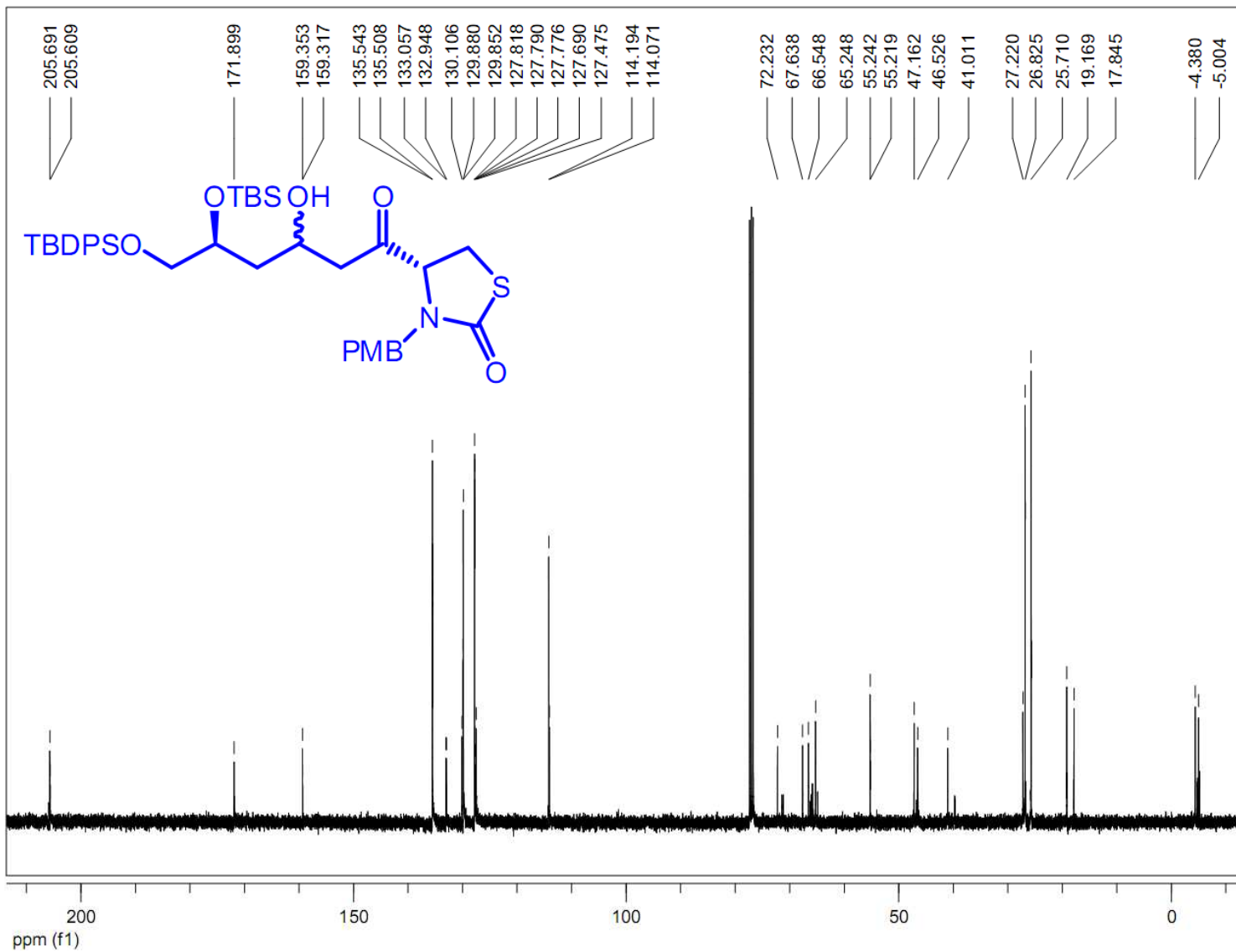


¹³C-NMR spectra of compound **10**

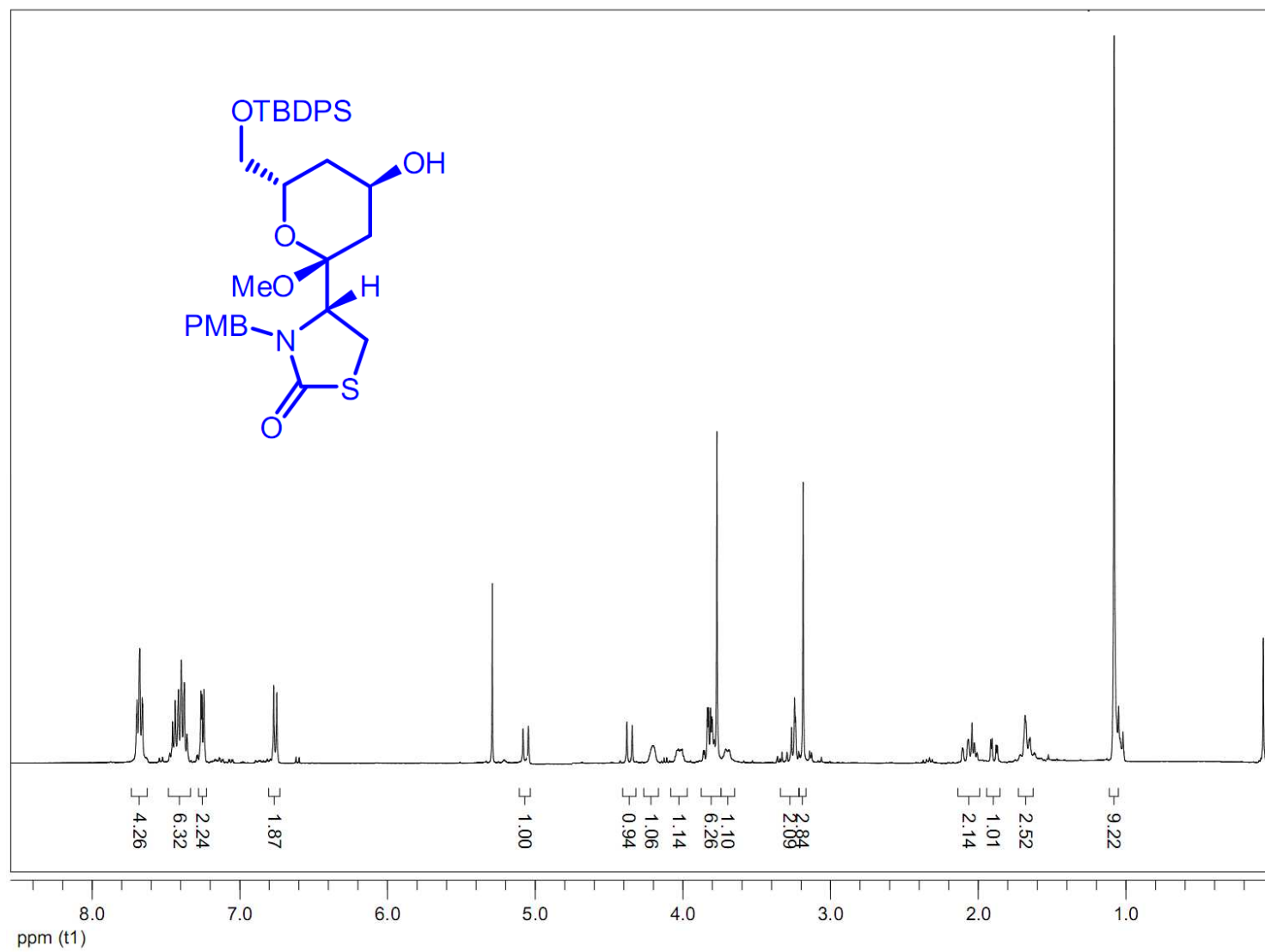


¹H-NMR spectra of compound **12**

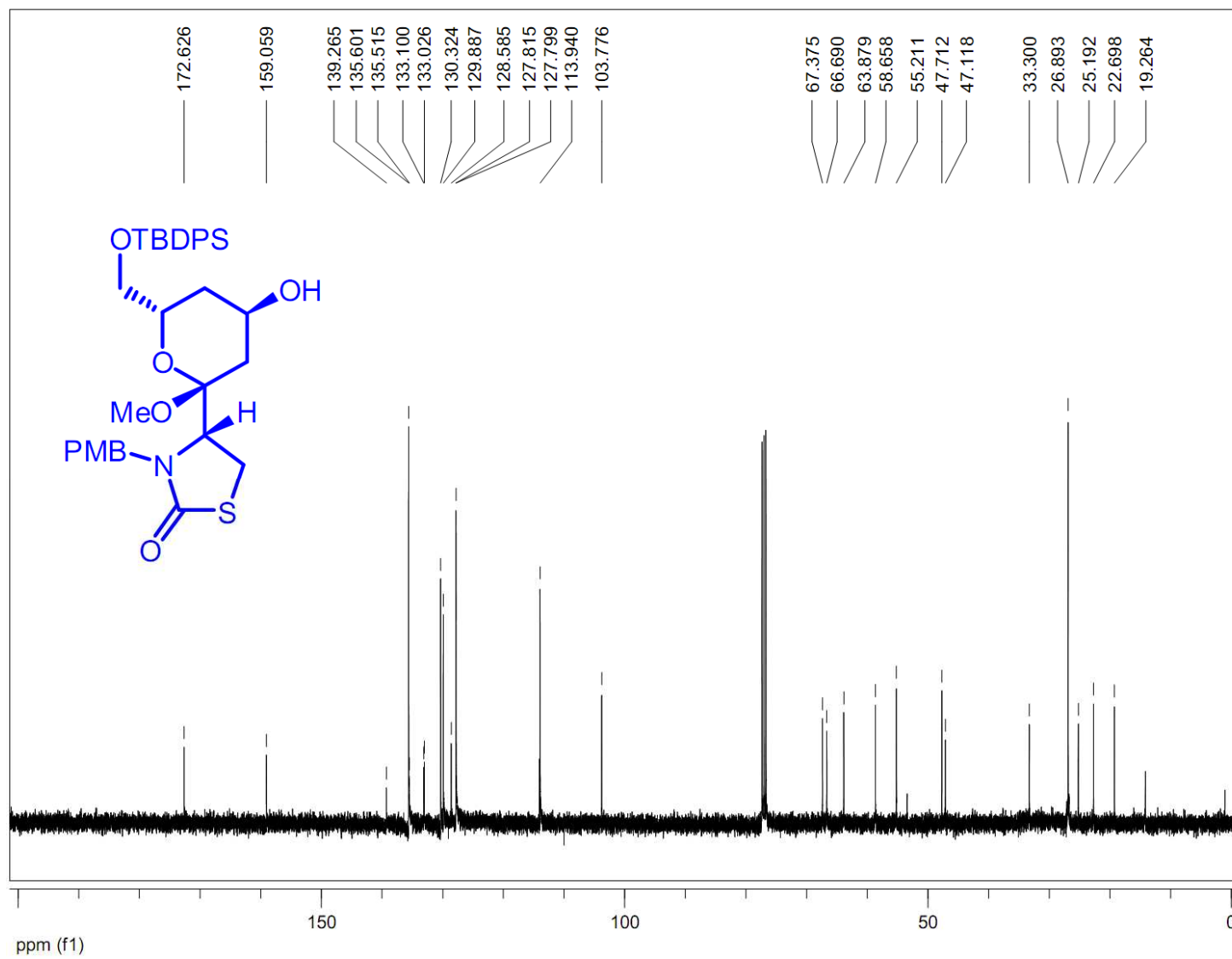


¹³C-NMR spectra of compound **12**

^1H -NMR spectra of compound **14**

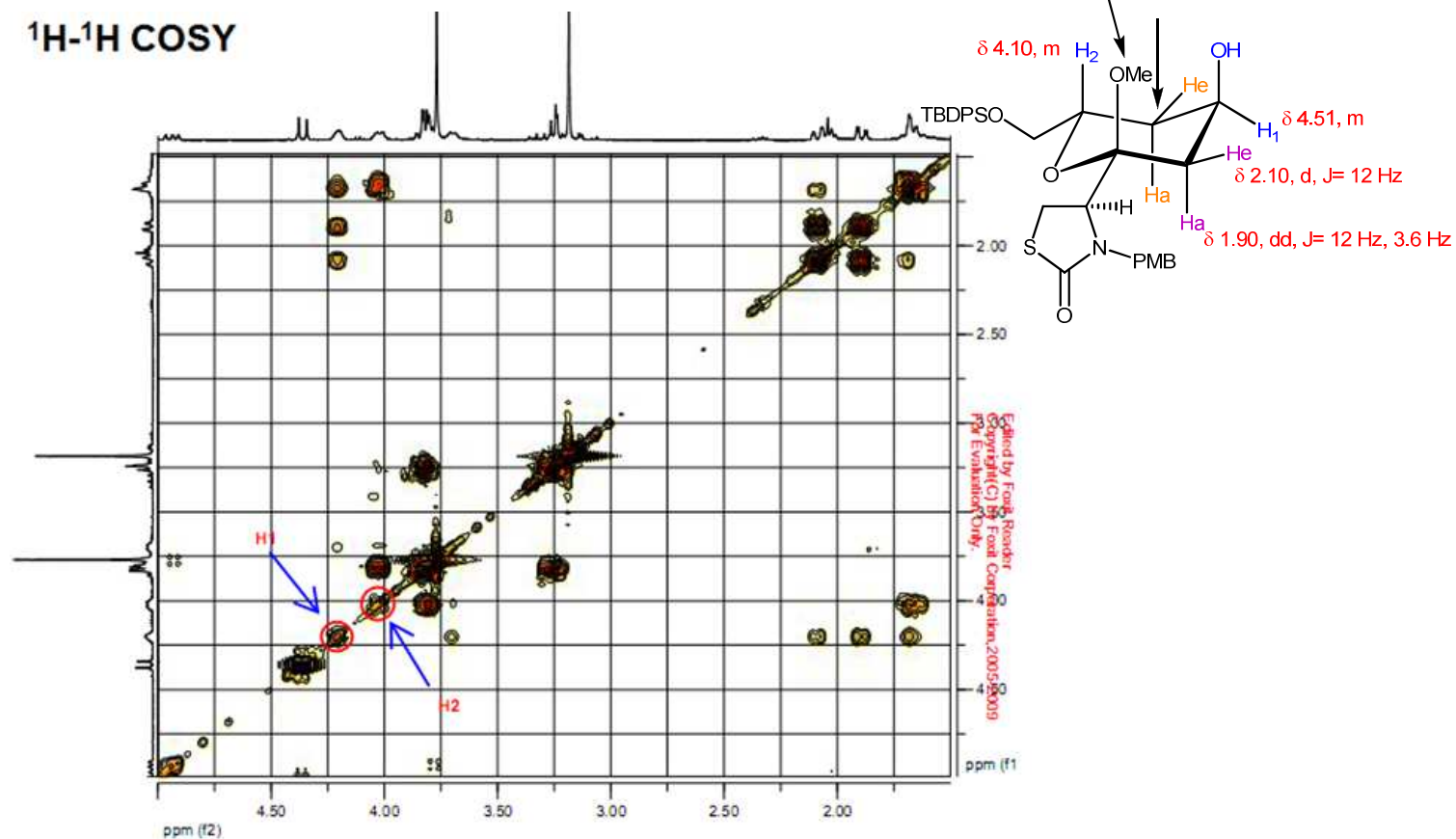


¹³C-NMR spectra of compound **14**



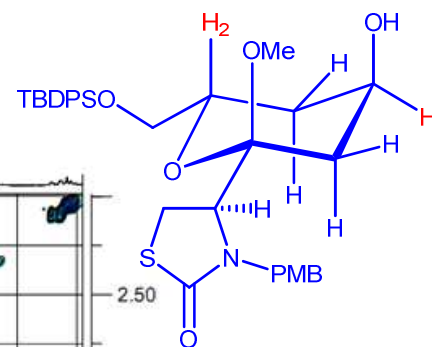
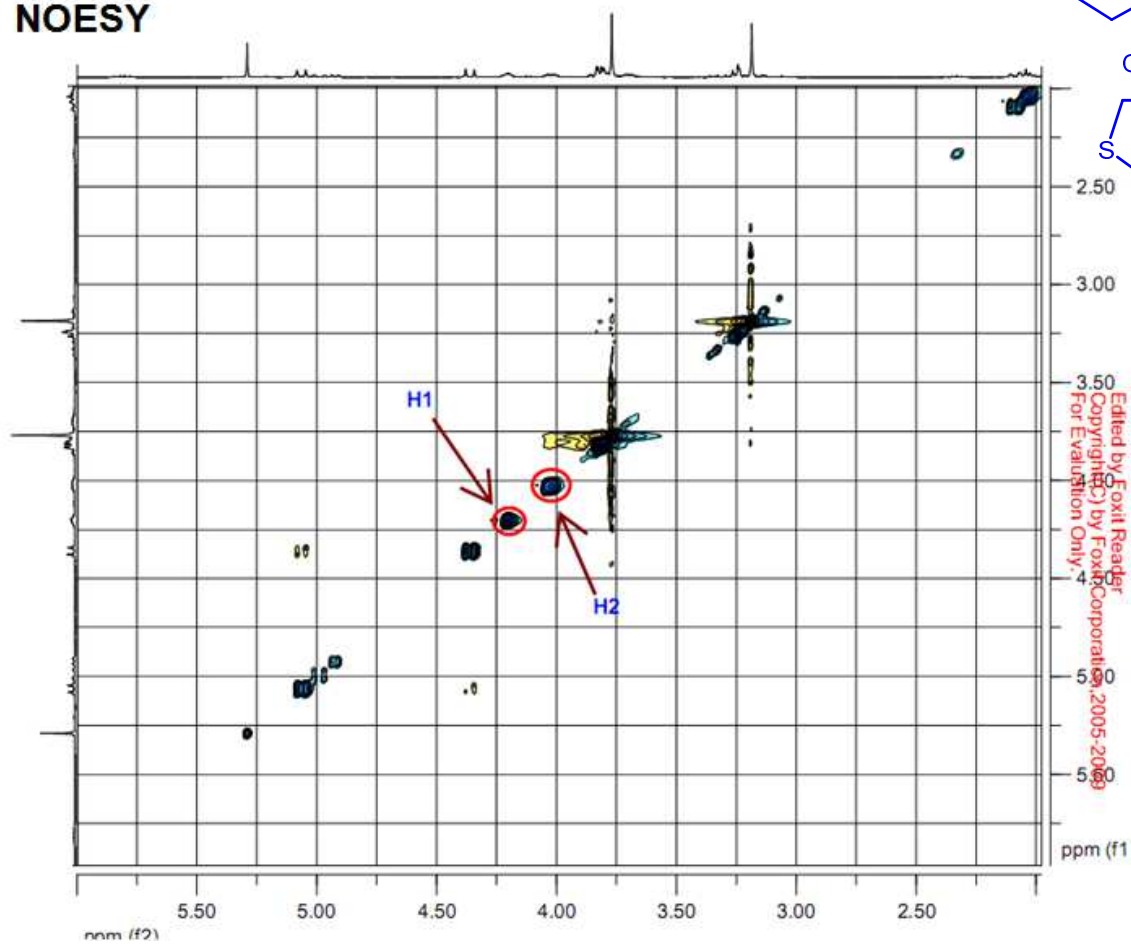
^1H - ^1H COSY spectra of compound **14**

^1H - ^1H COSY



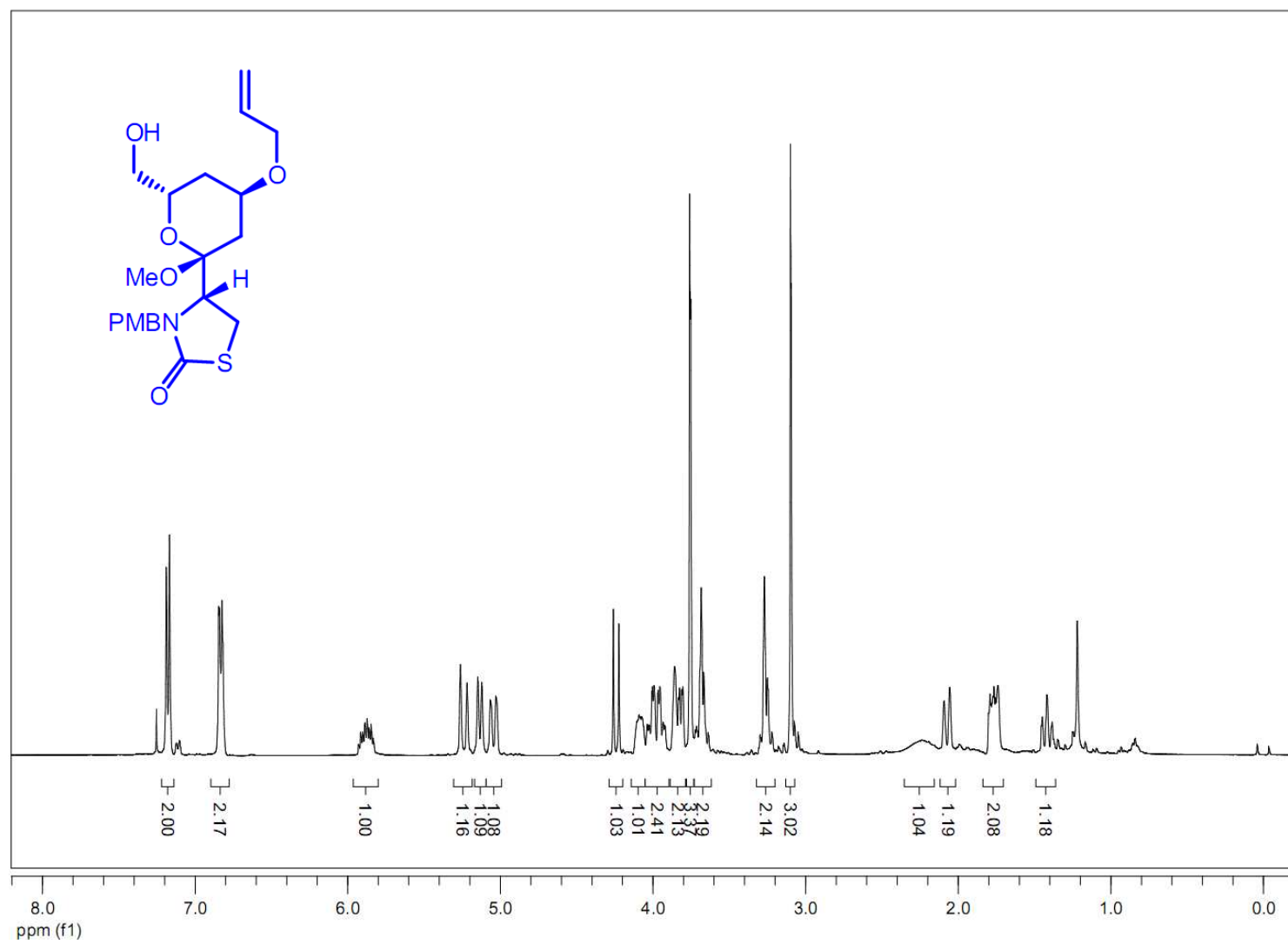
NOESY spectra of compound **14**

NOESY

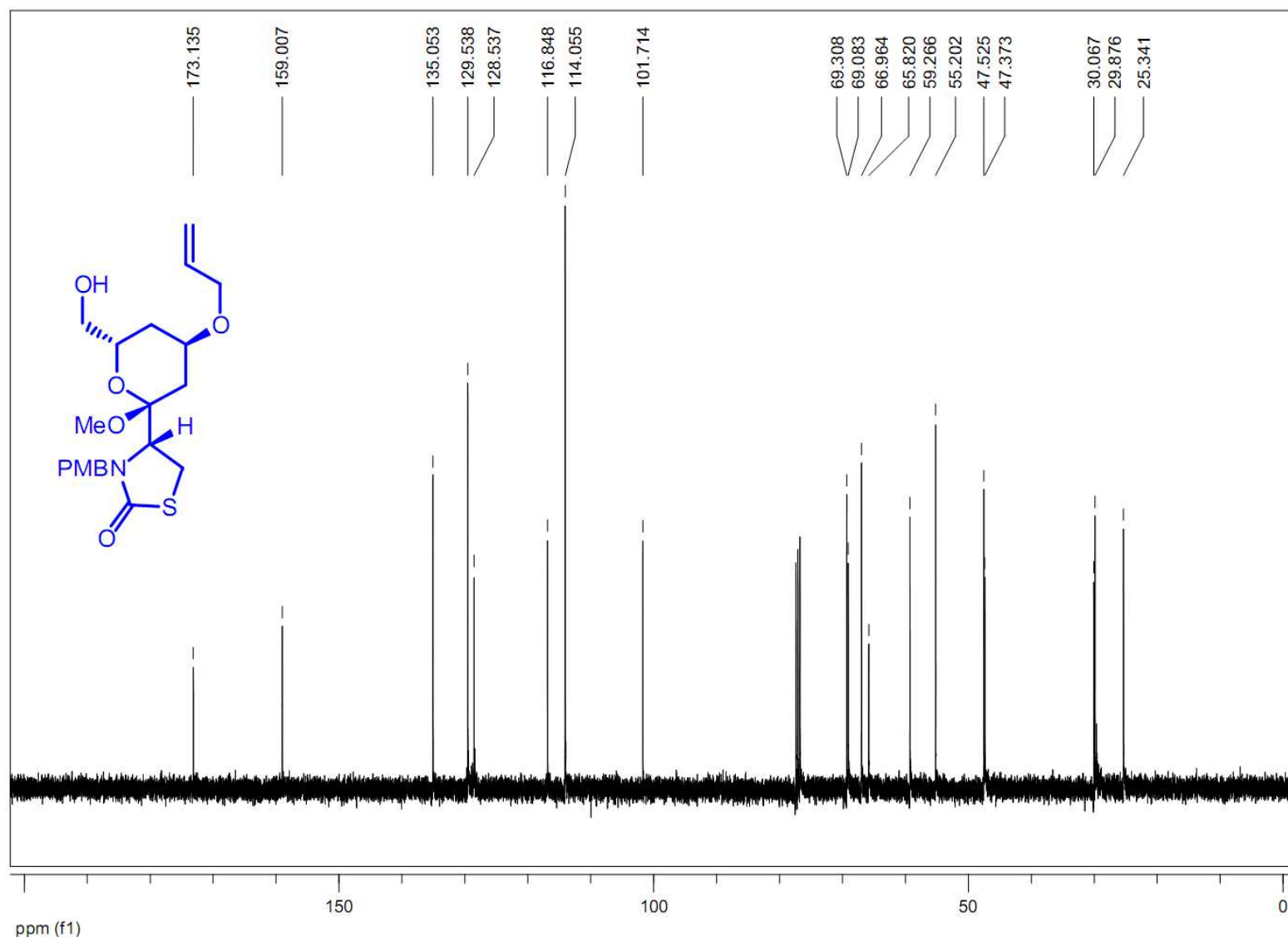


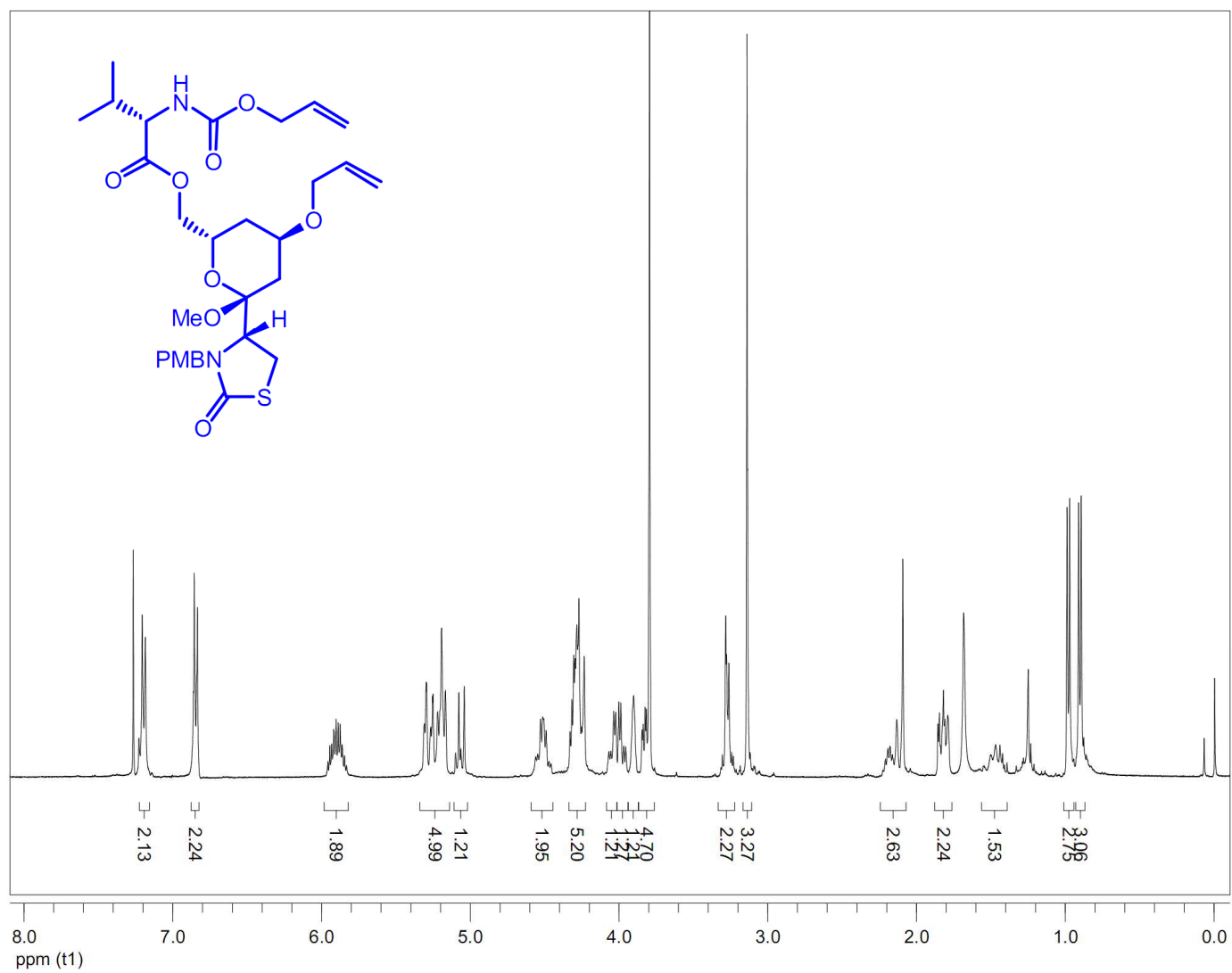
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^1H -NMR spectra of compound **S1**

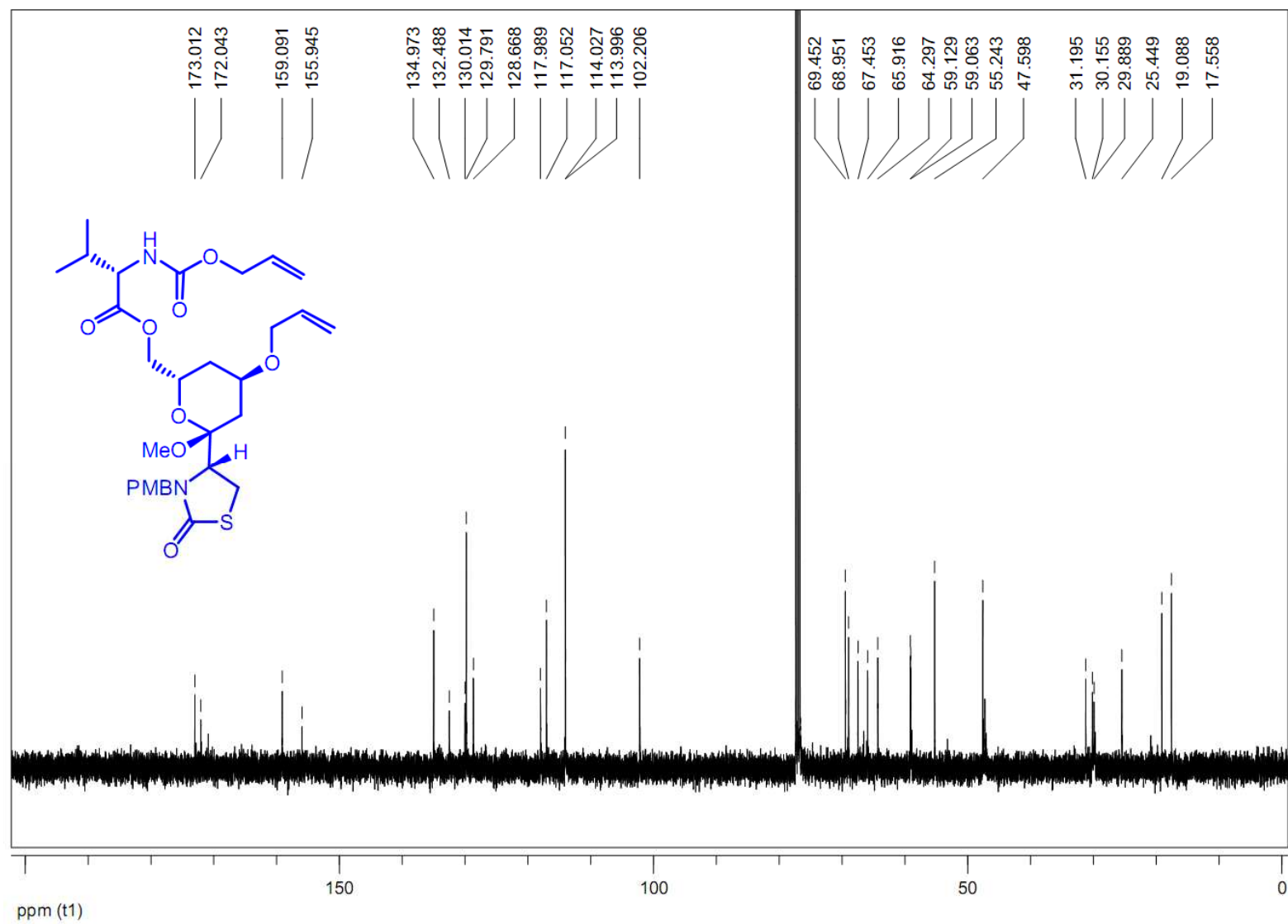


^{13}C -NMR spectra of compound **S1**

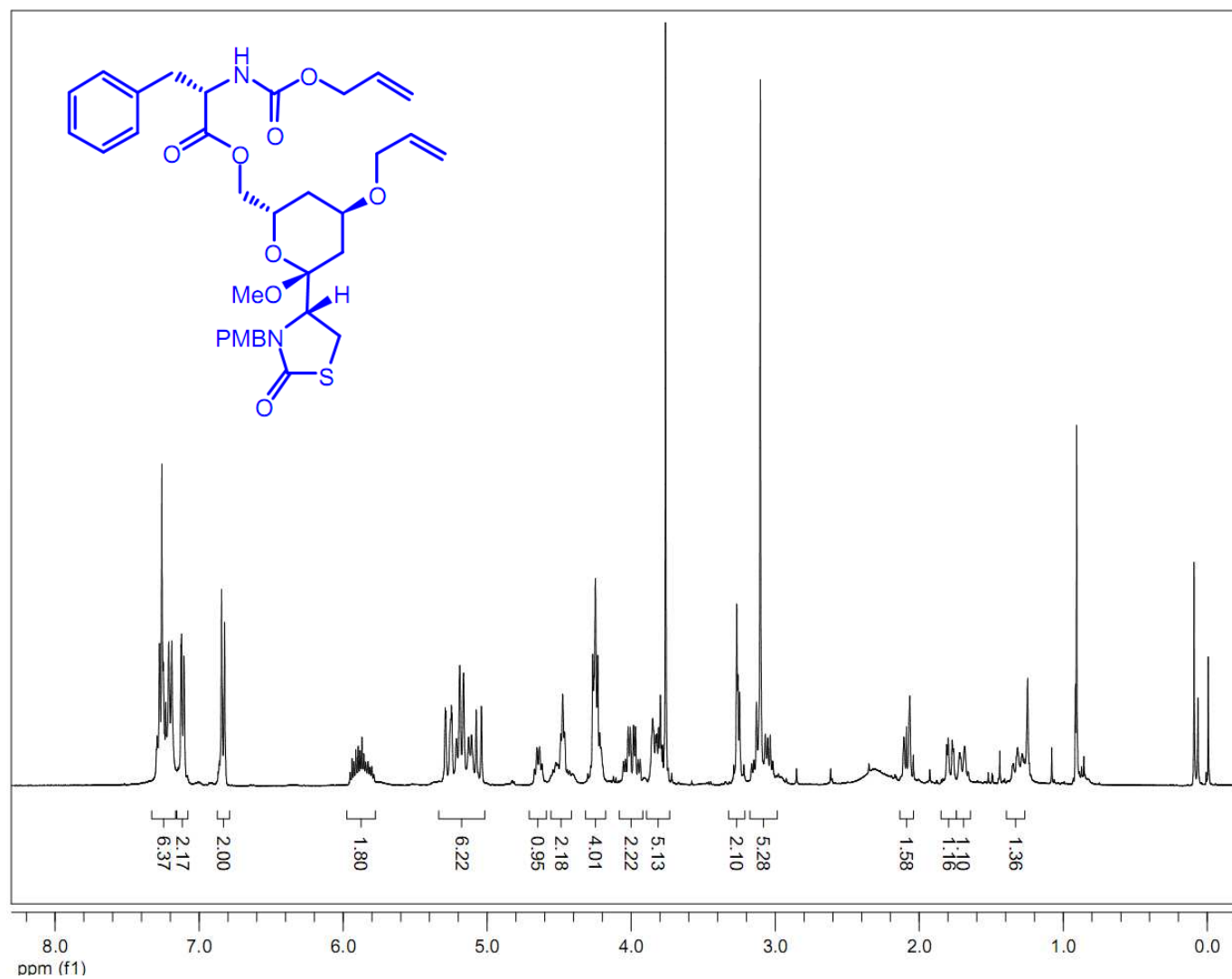


¹H-NMR spectra of compound **S2a**

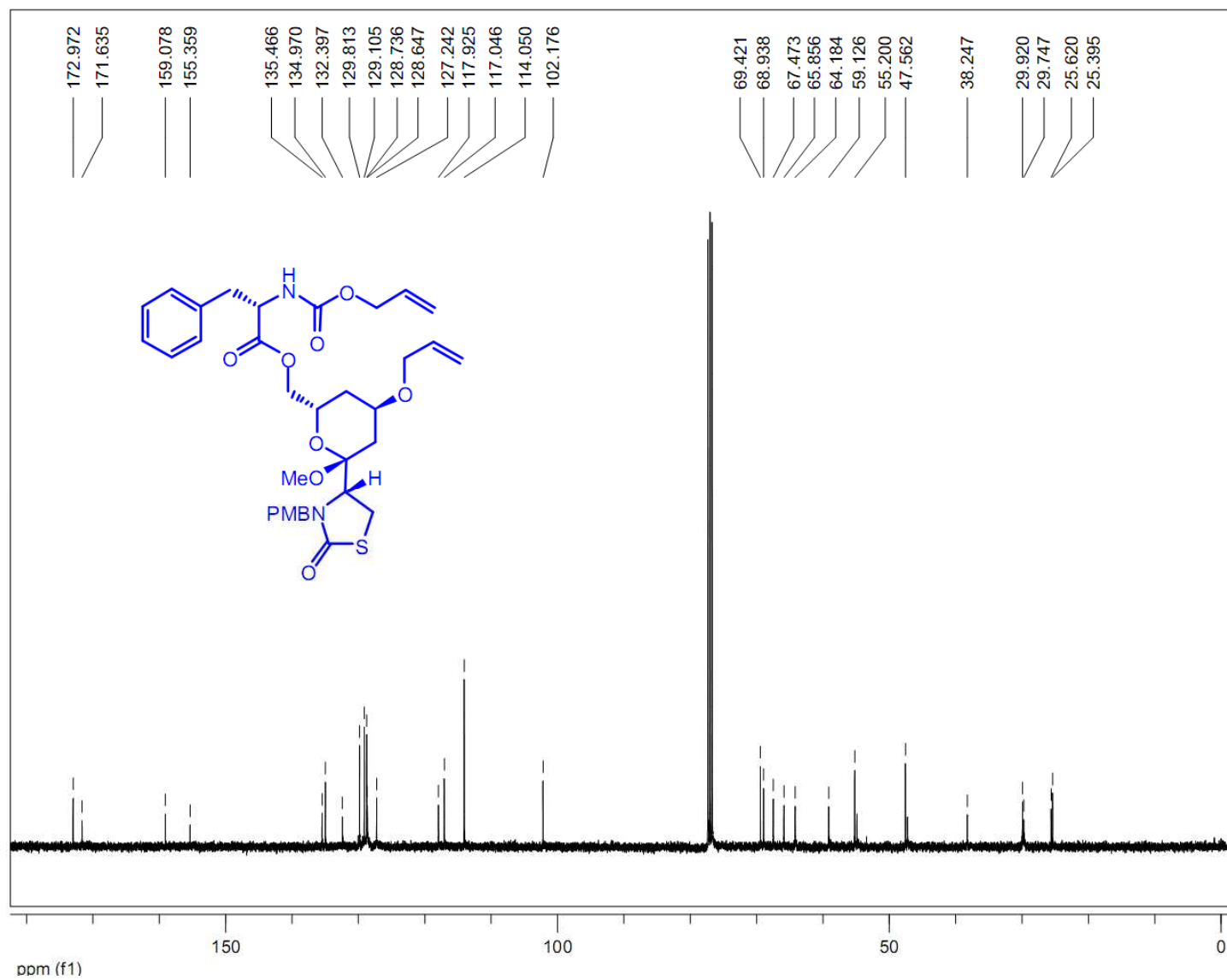
^{13}C -NMR spectra of compound **S2a**



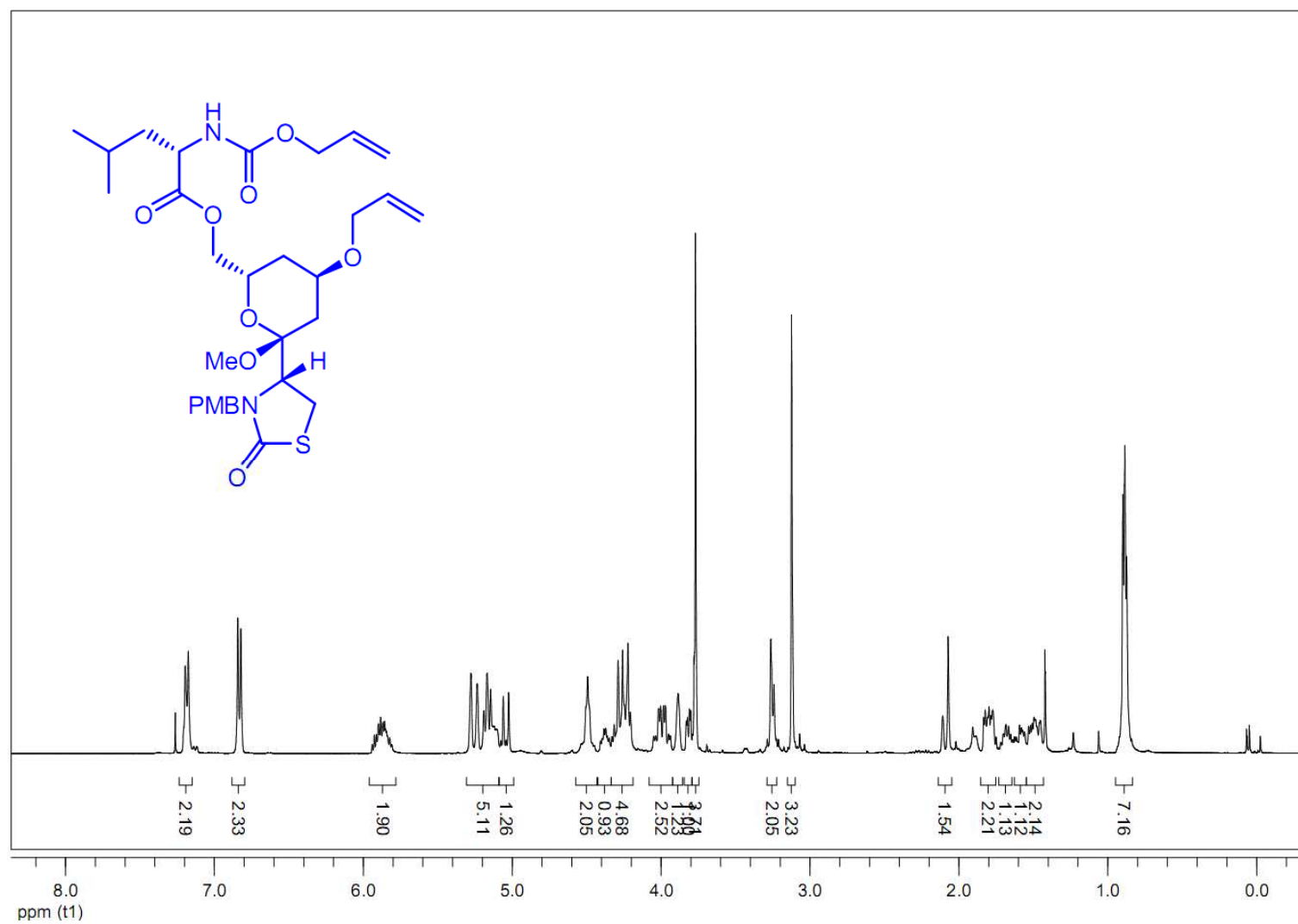
^1H -NMR spectra of compound **S2b**



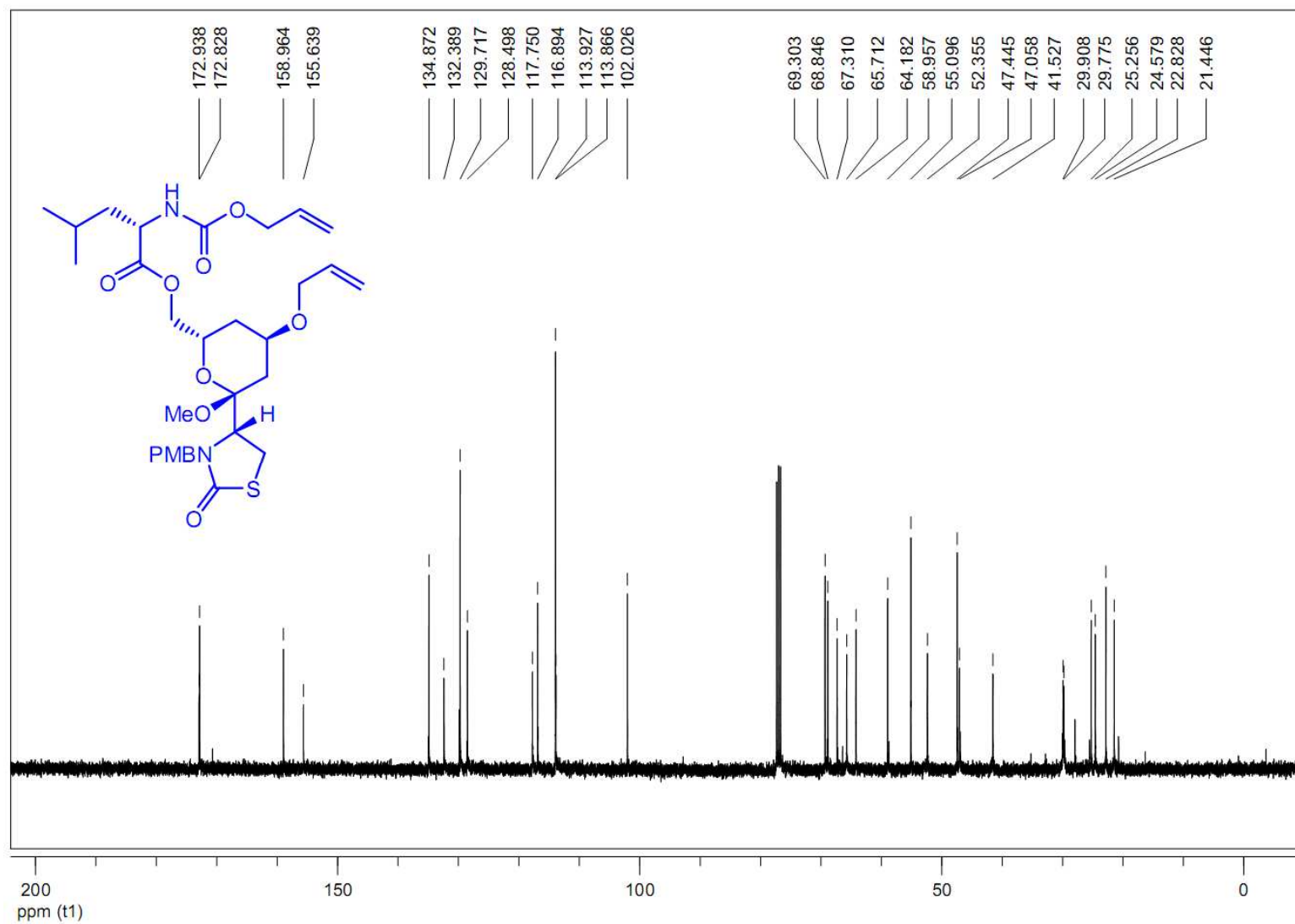
¹³C-NMR spectra of compound **S2b**



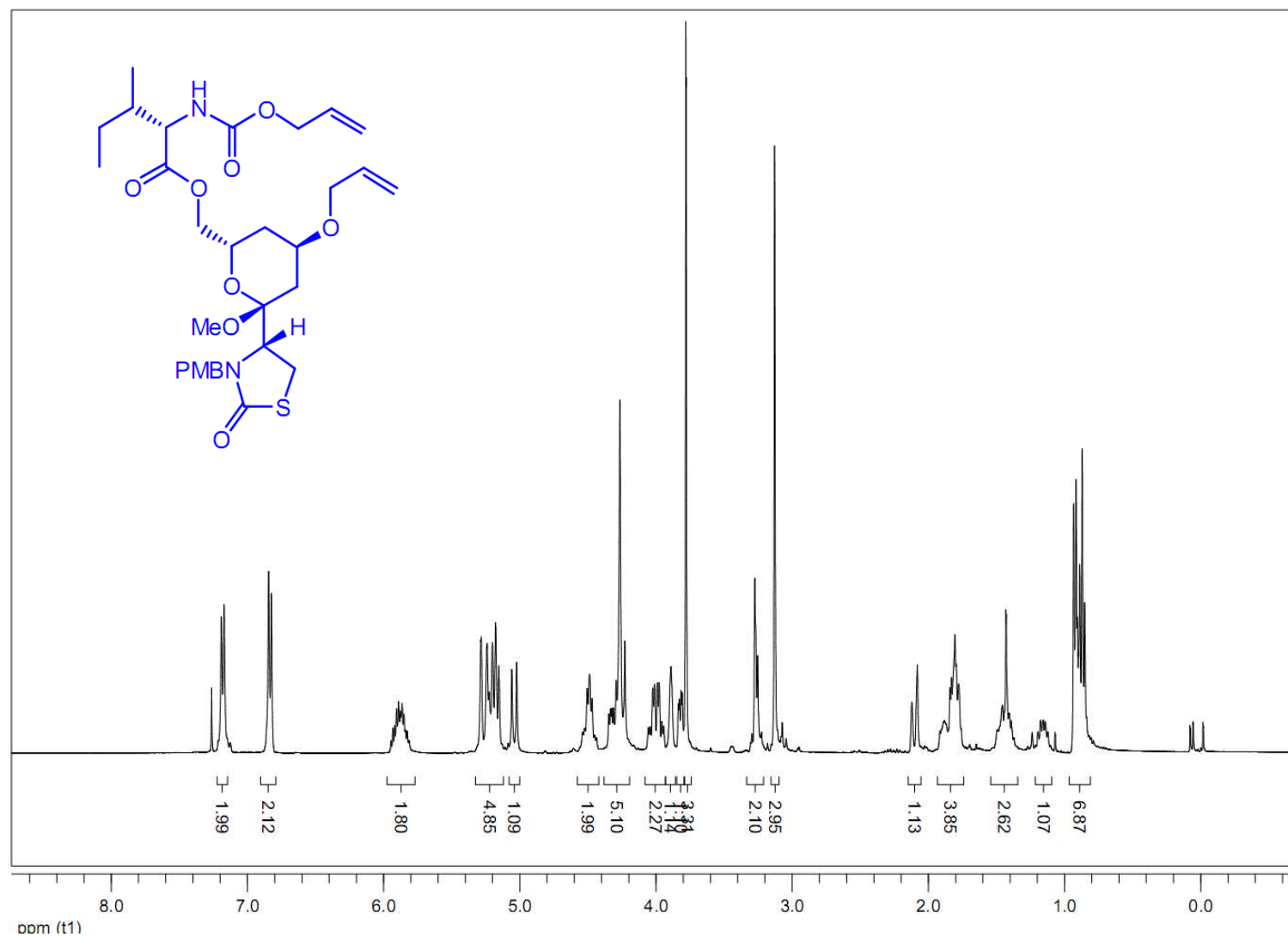
^1H -NMR spectra of compound **S2c**



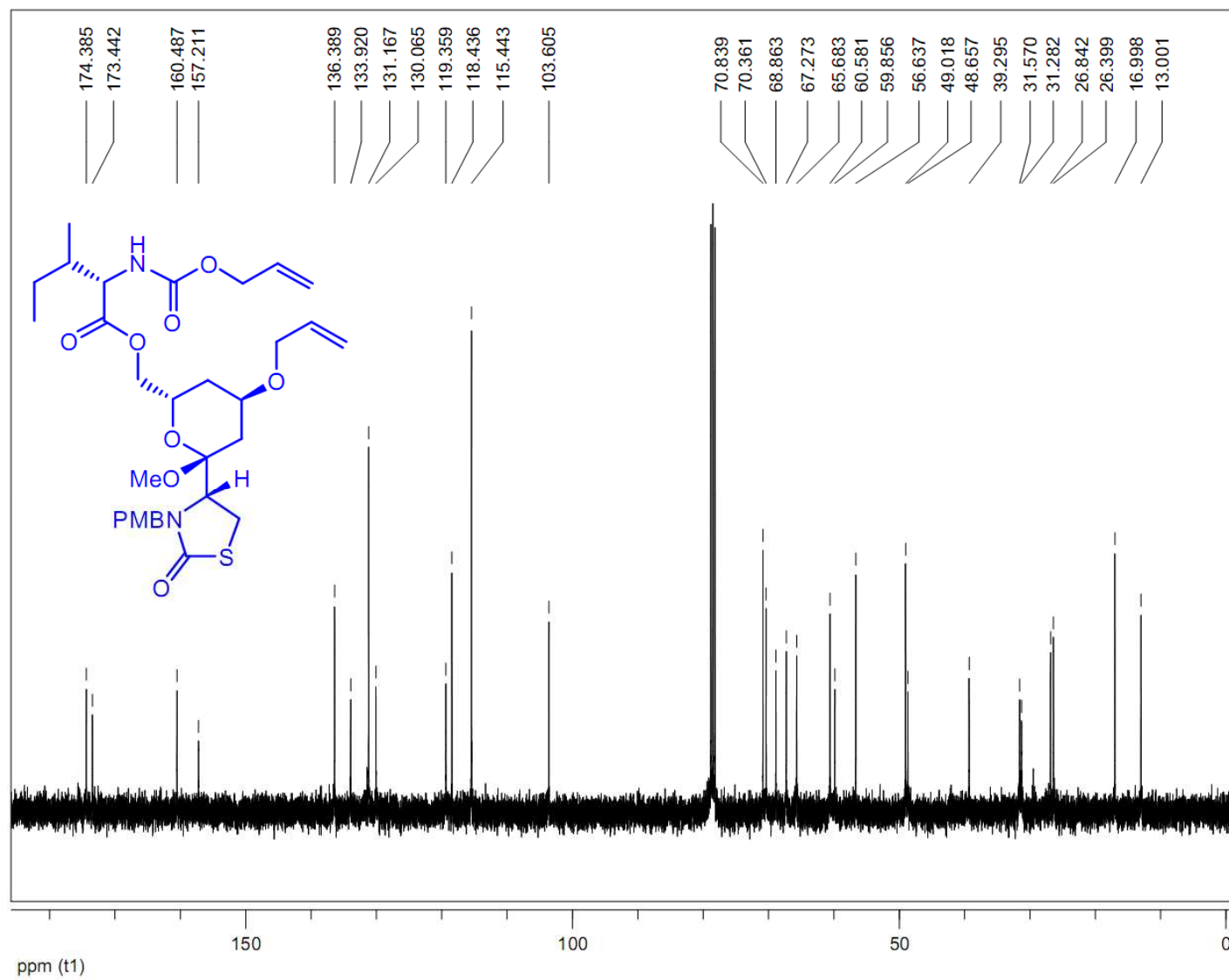
^{13}C -NMR spectra of compound **S2c**



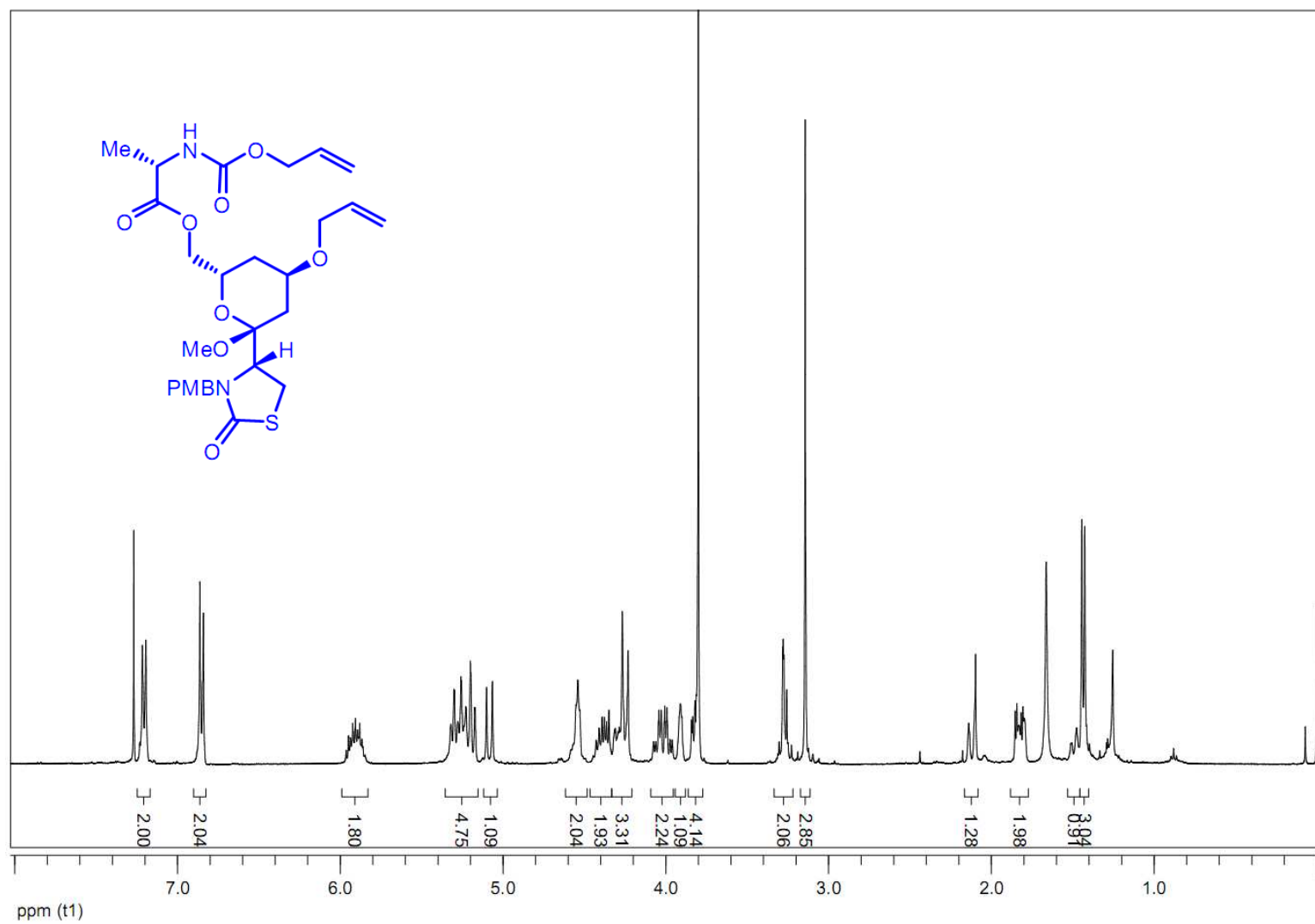
^1H -NMR spectra of compound **S2d**



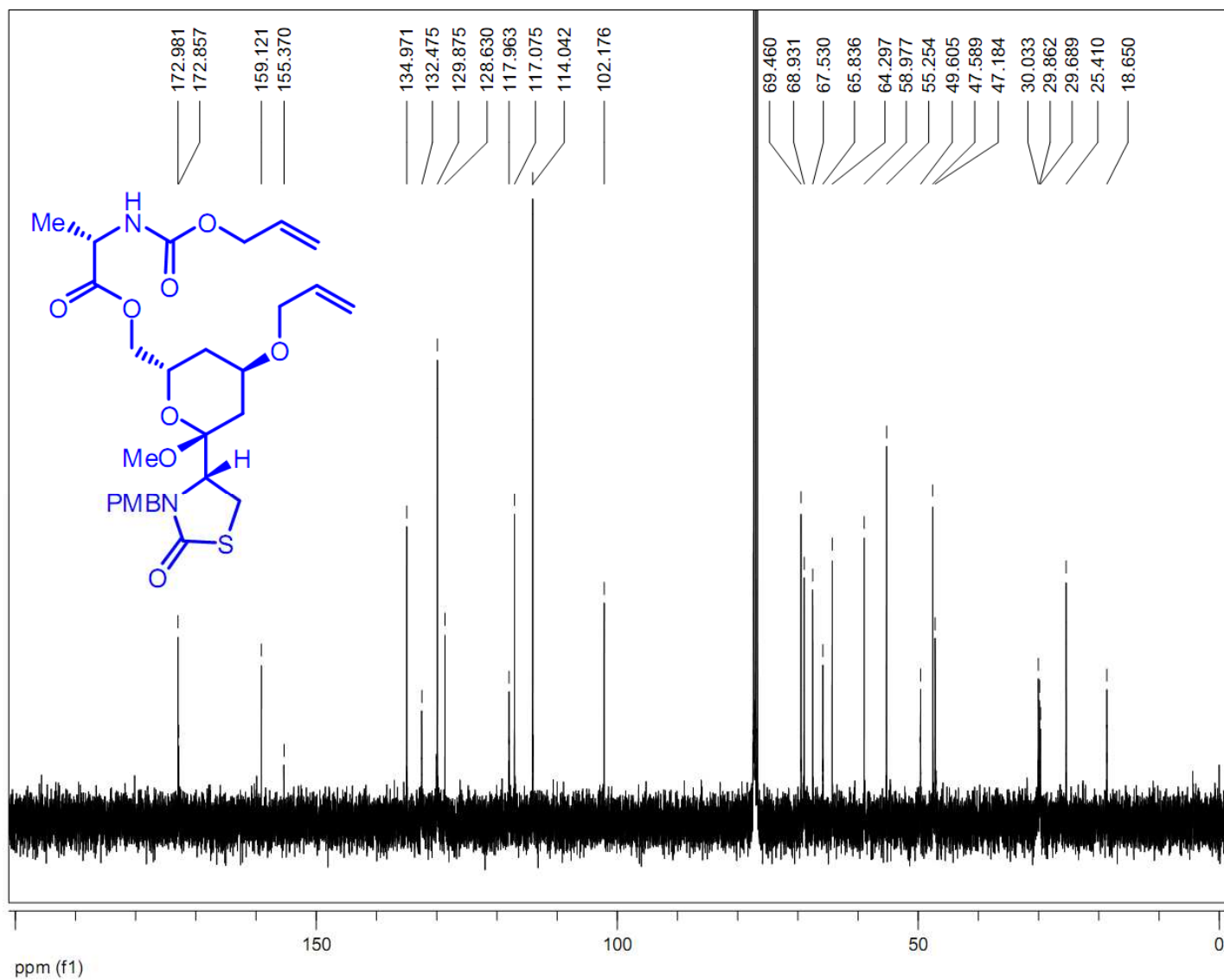
^{13}C -NMR spectra of compound **S2d**



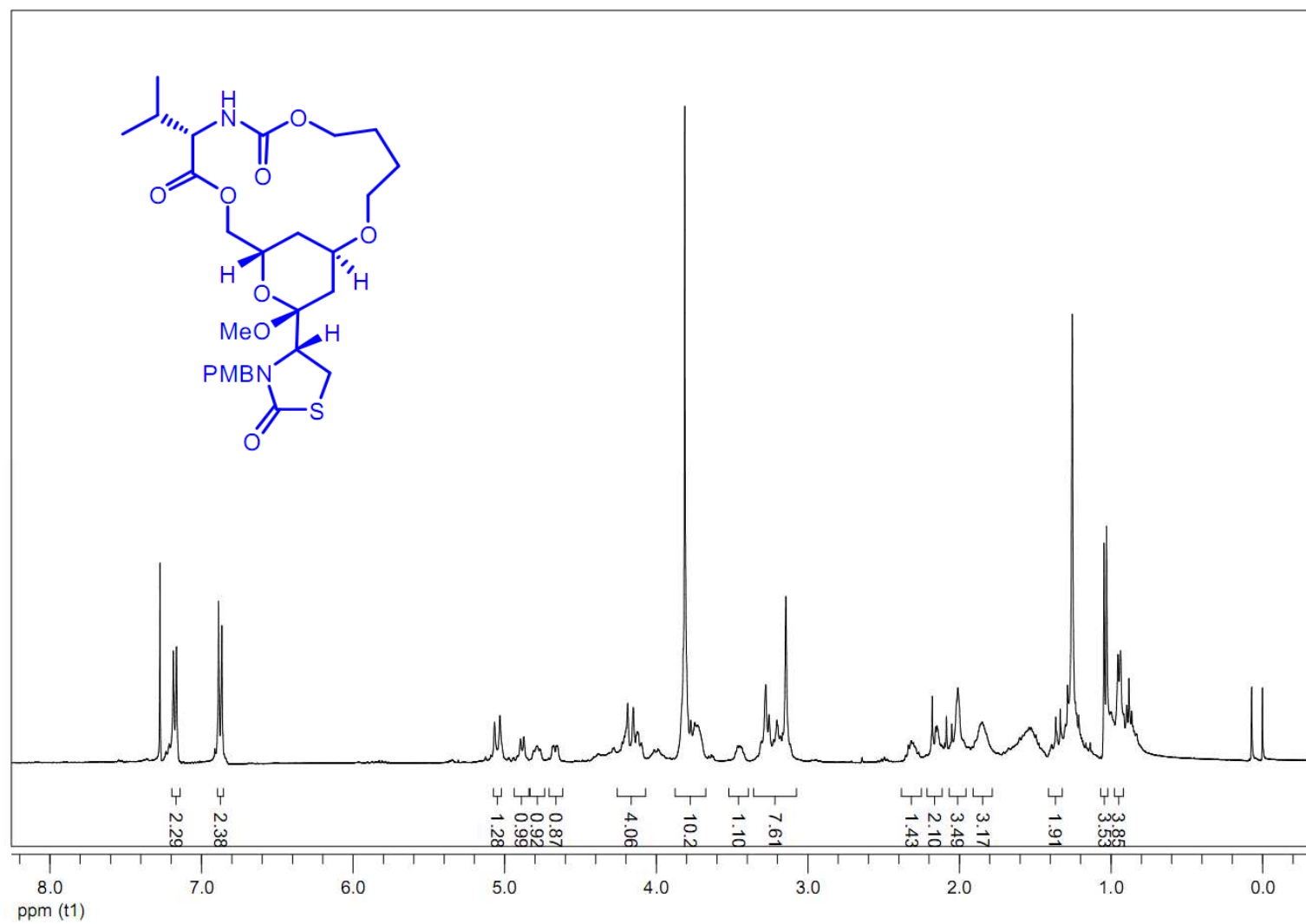
^1H -NMR spectra of compound **S2e**



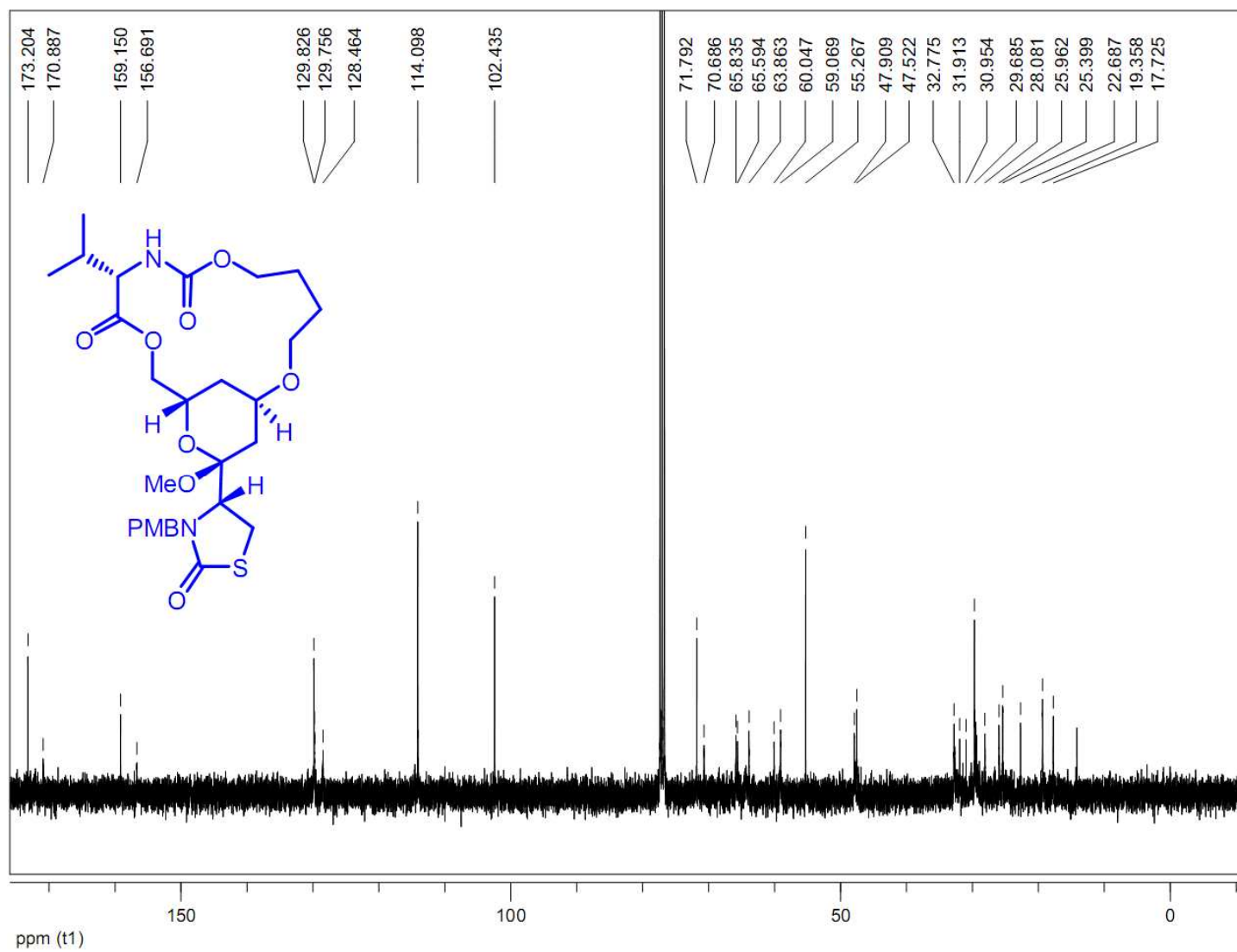
^{13}C -NMR spectra of compound **S2e**



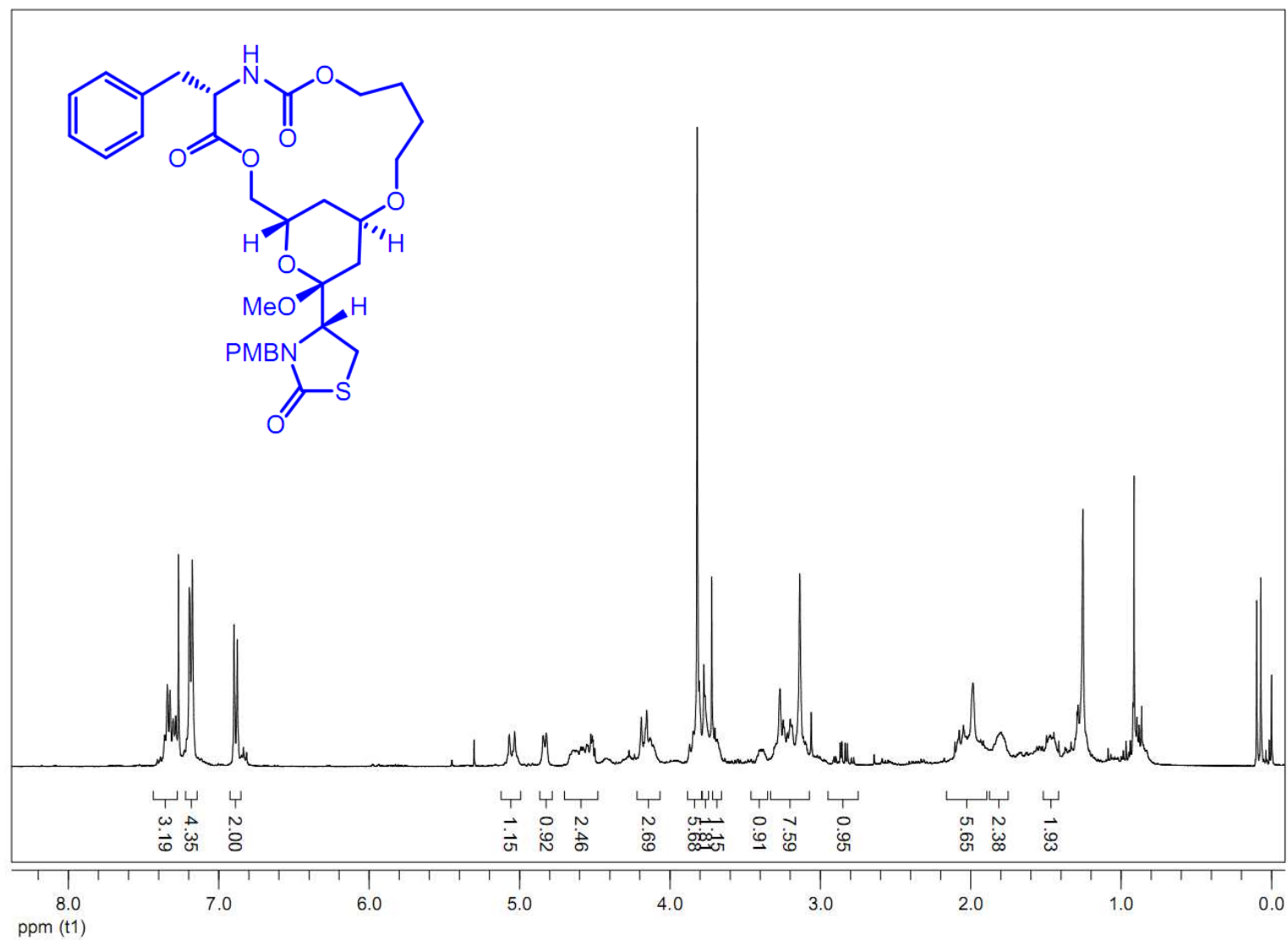
¹H-NMR spectra of compound **19a**



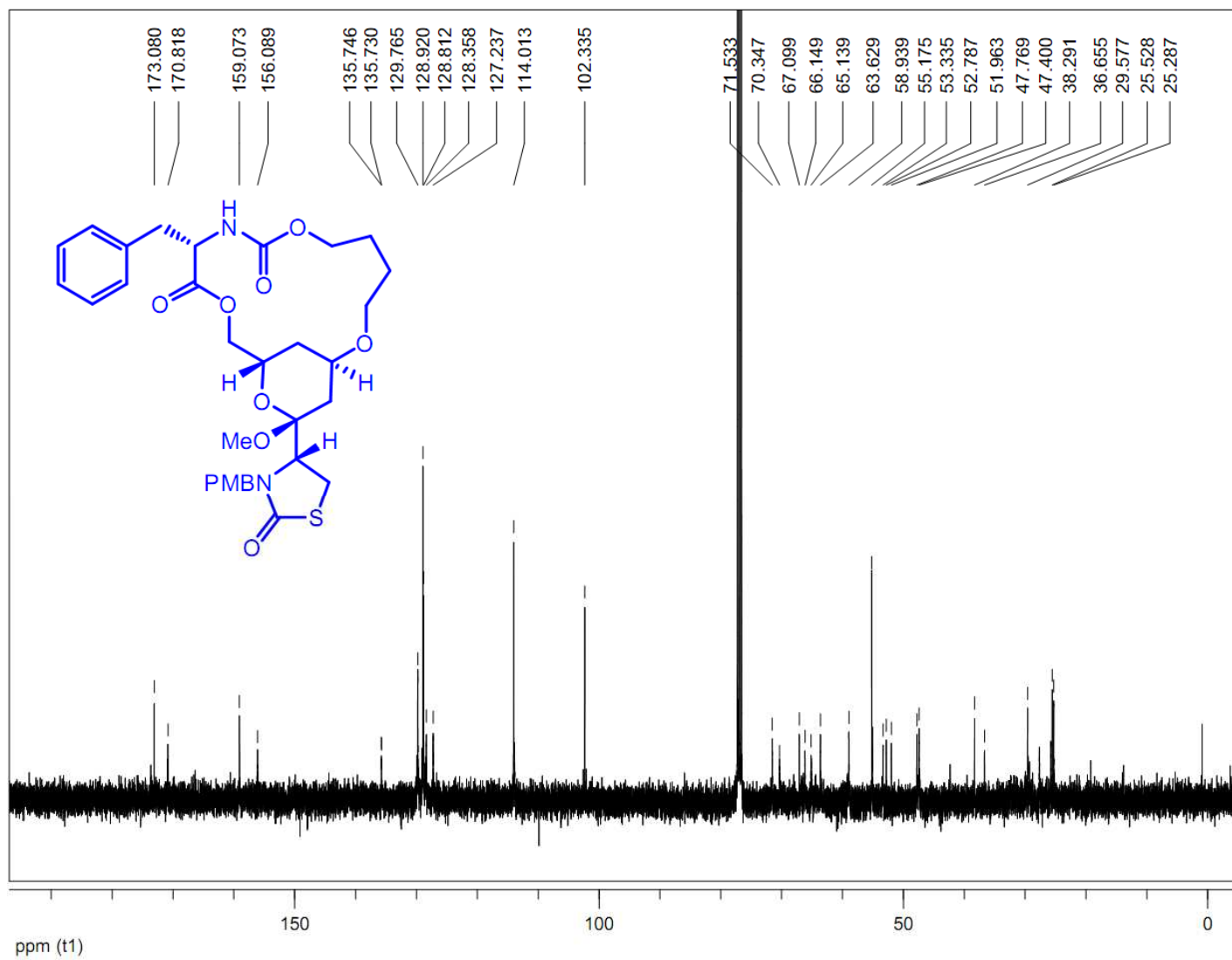
^{13}C -NMR spectra of compound **19a**



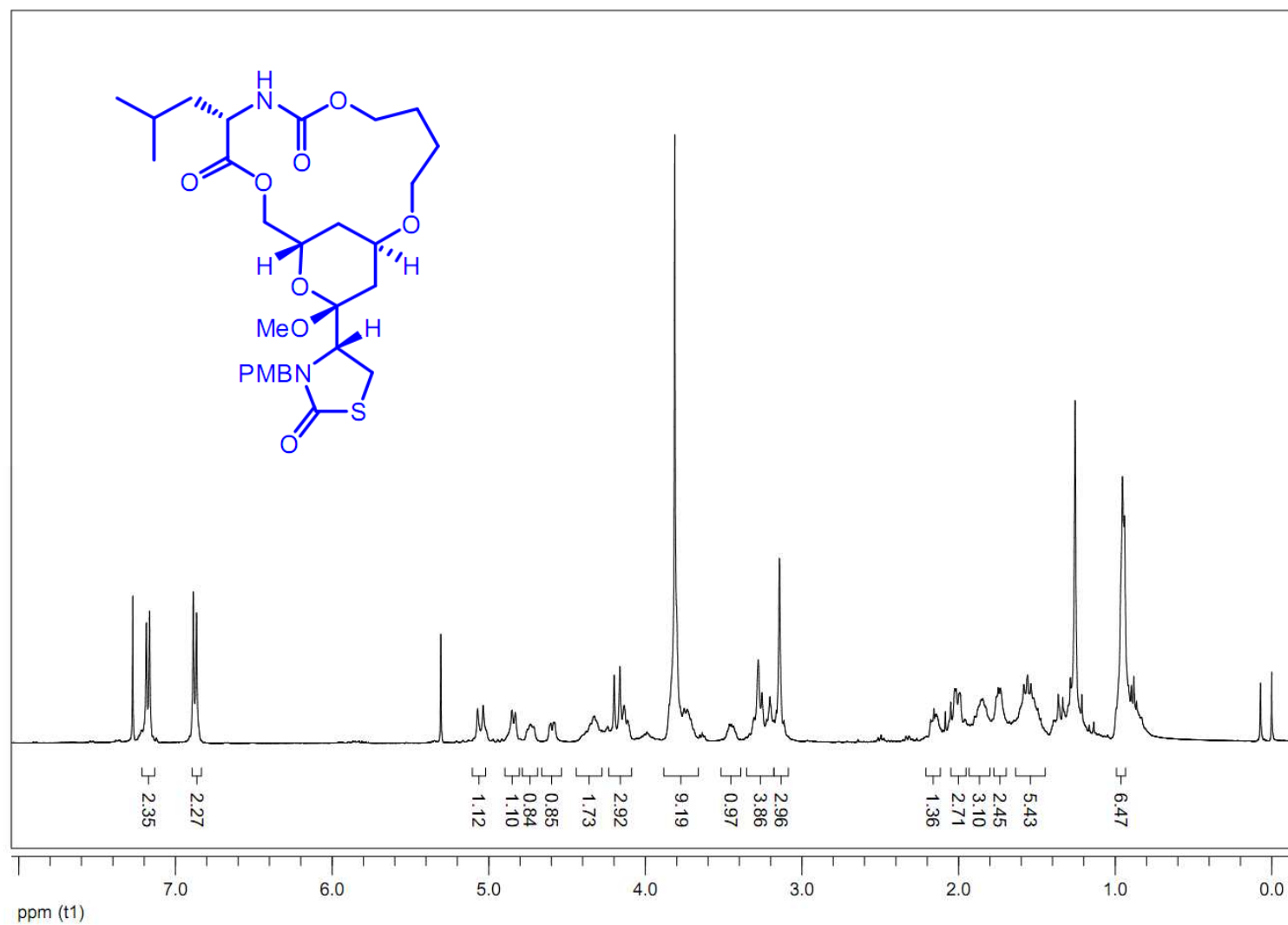
^1H -NMR spectra of compound **19b**



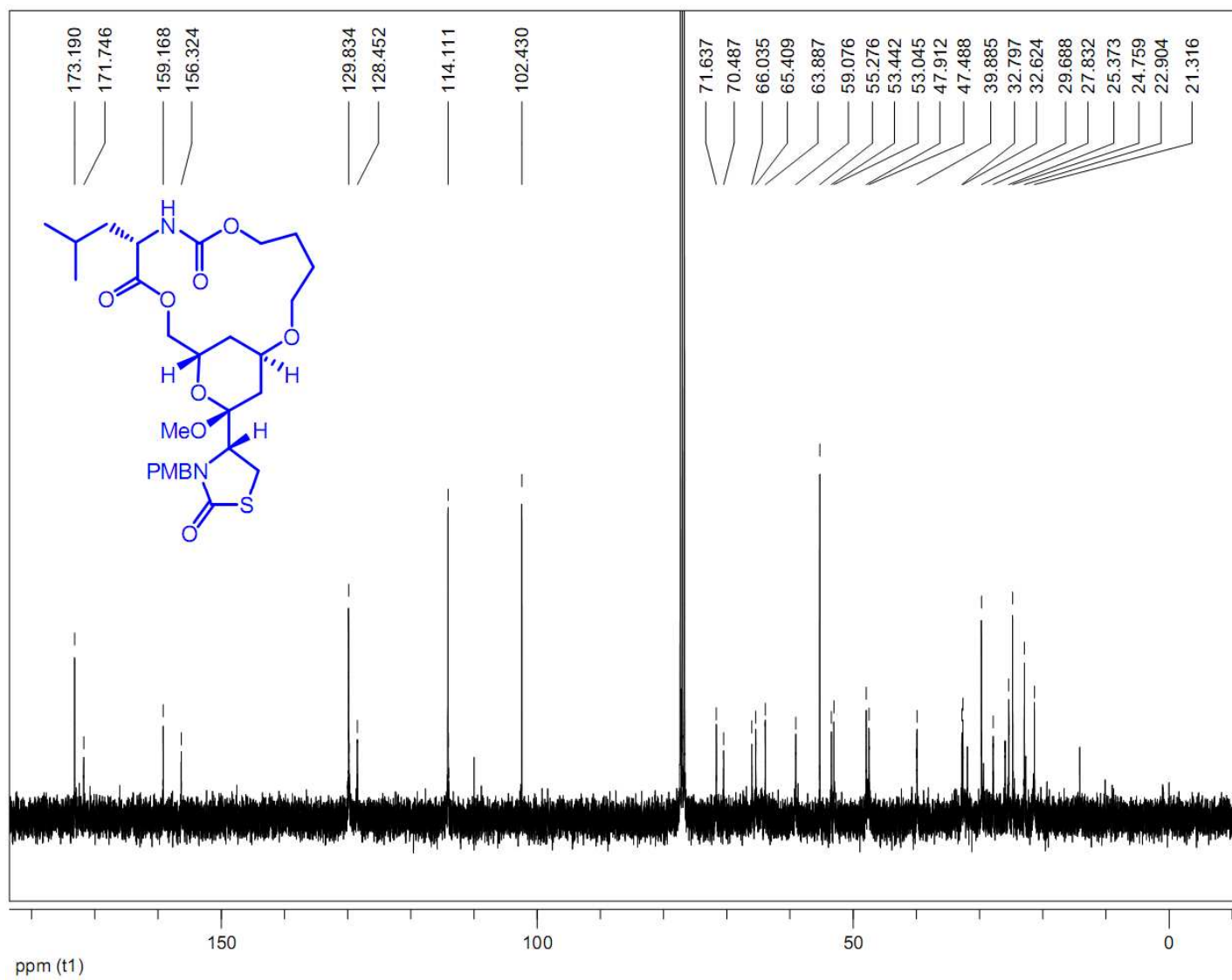
^{13}C -NMR spectra of compound **19b**



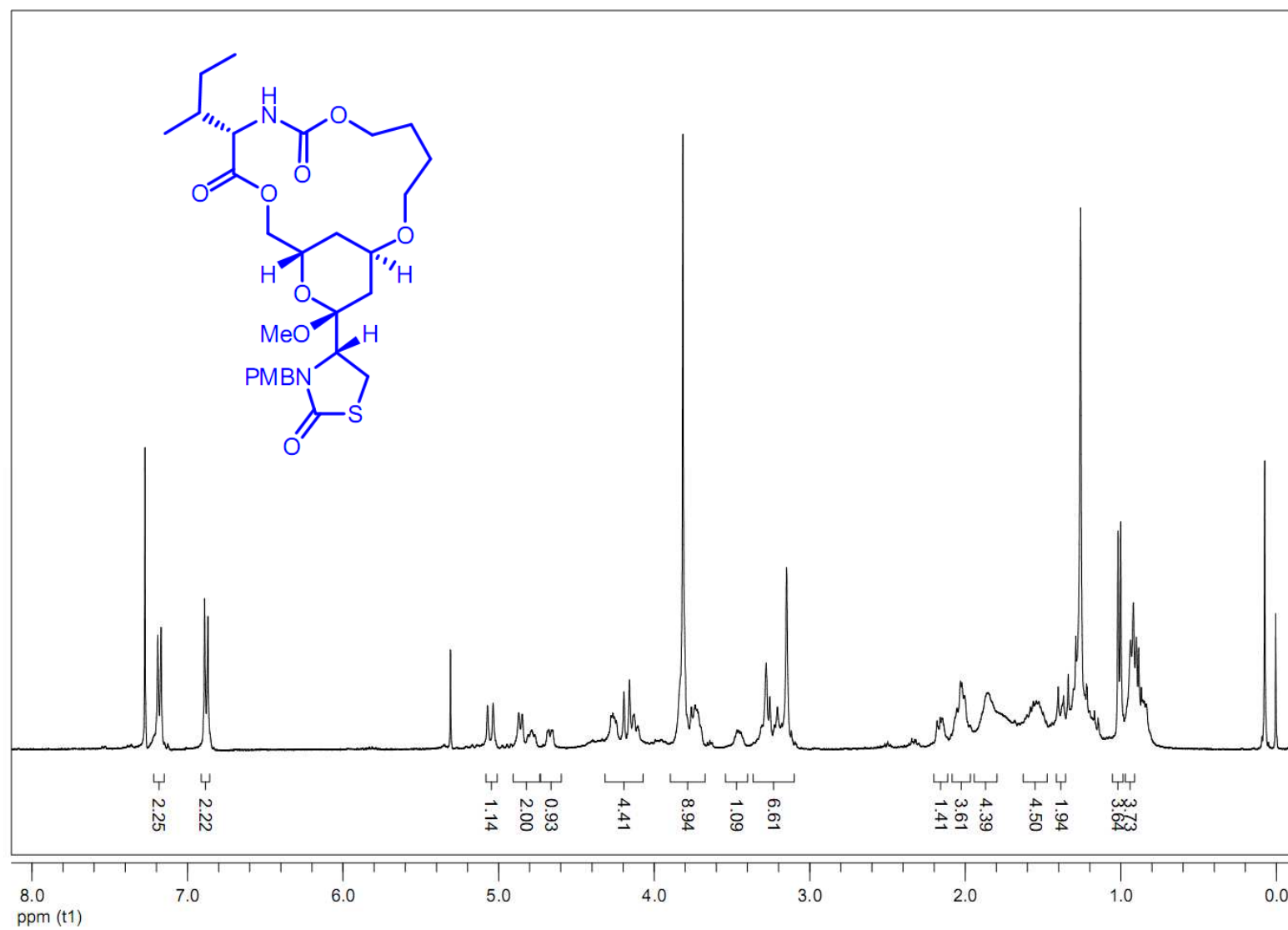
^1H -NMR spectra of compound **19c**



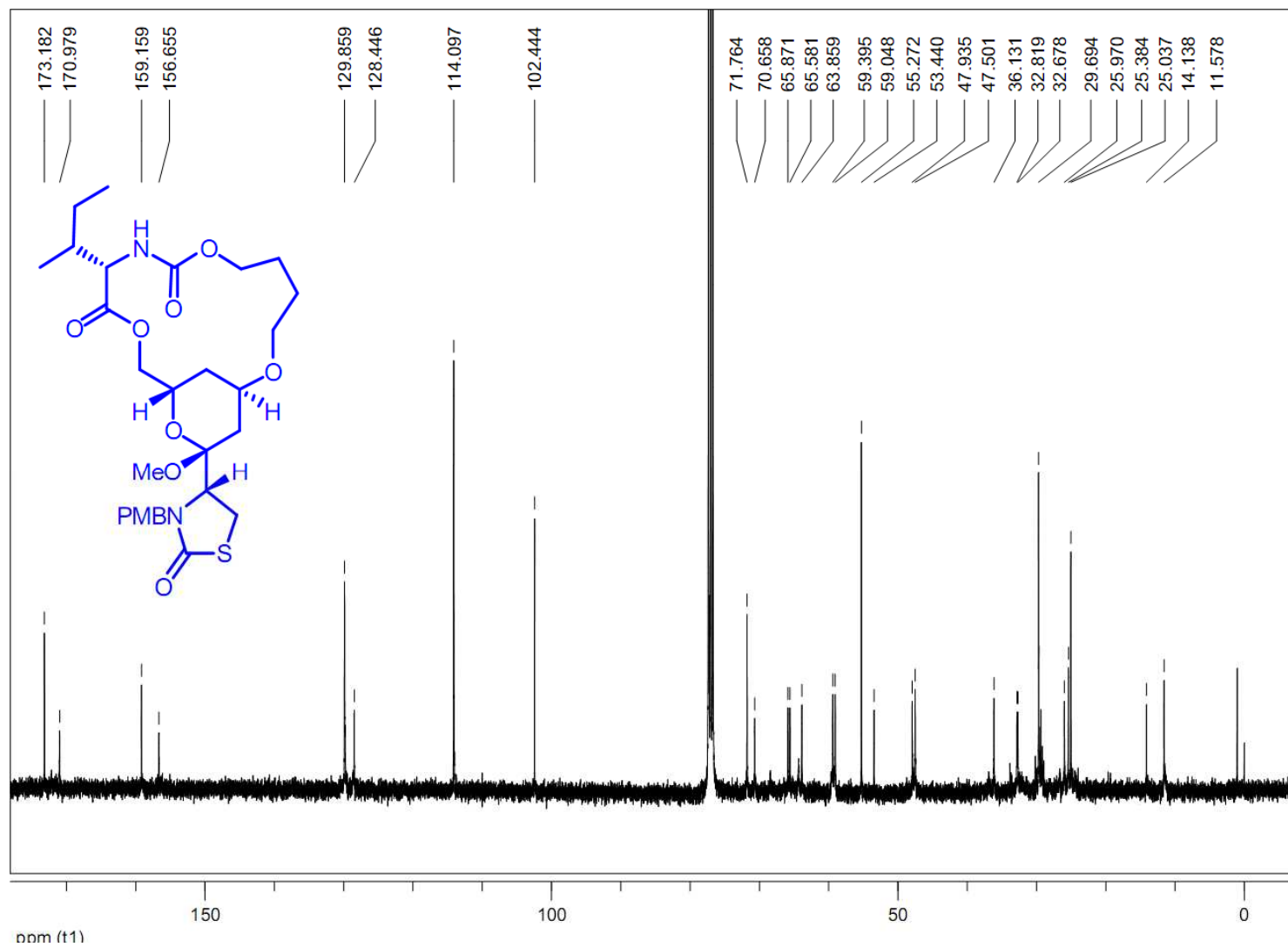
^{13}C -NMR spectra of compound **19c**



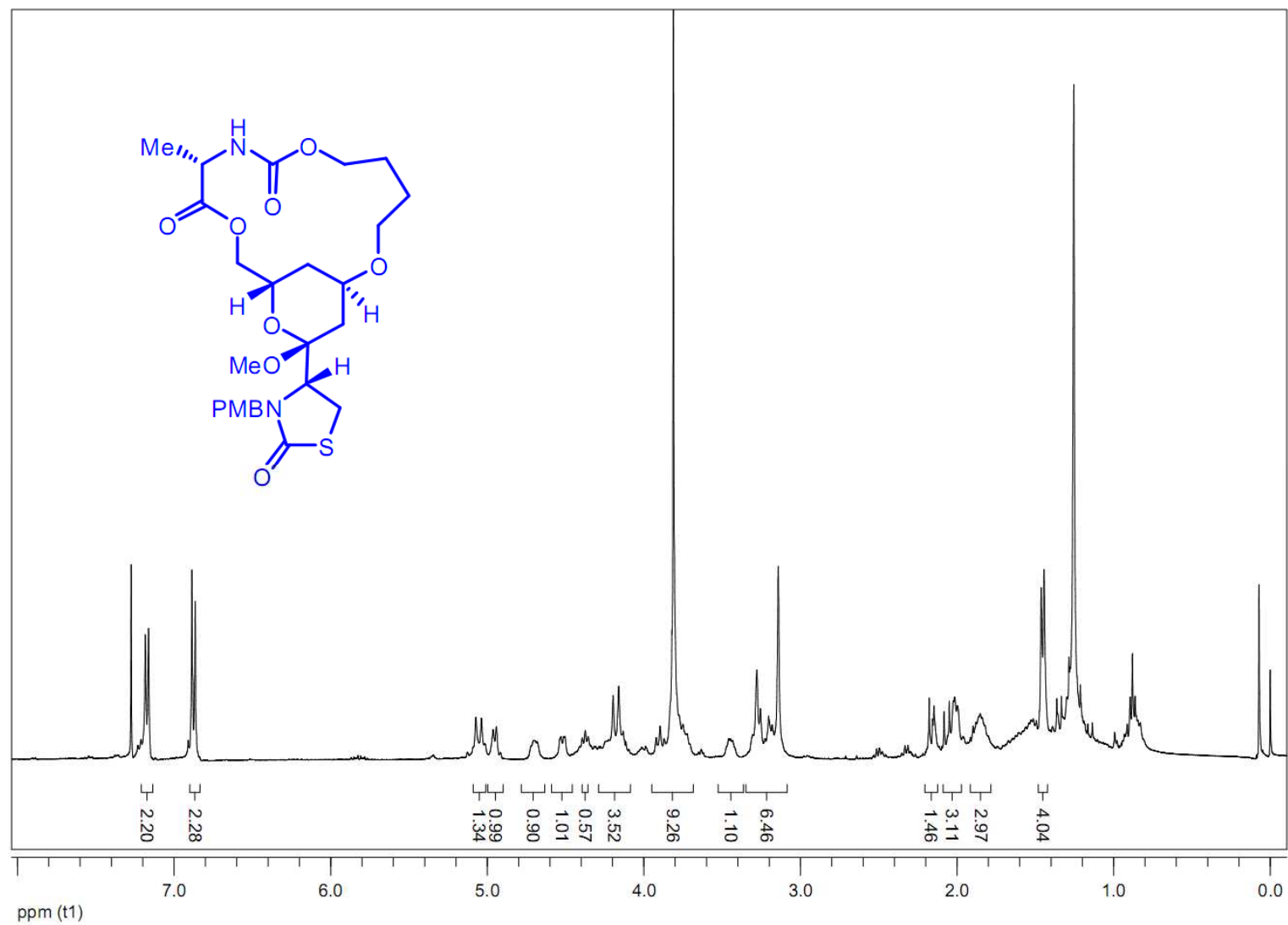
^1H -NMR spectra of compound **19d**



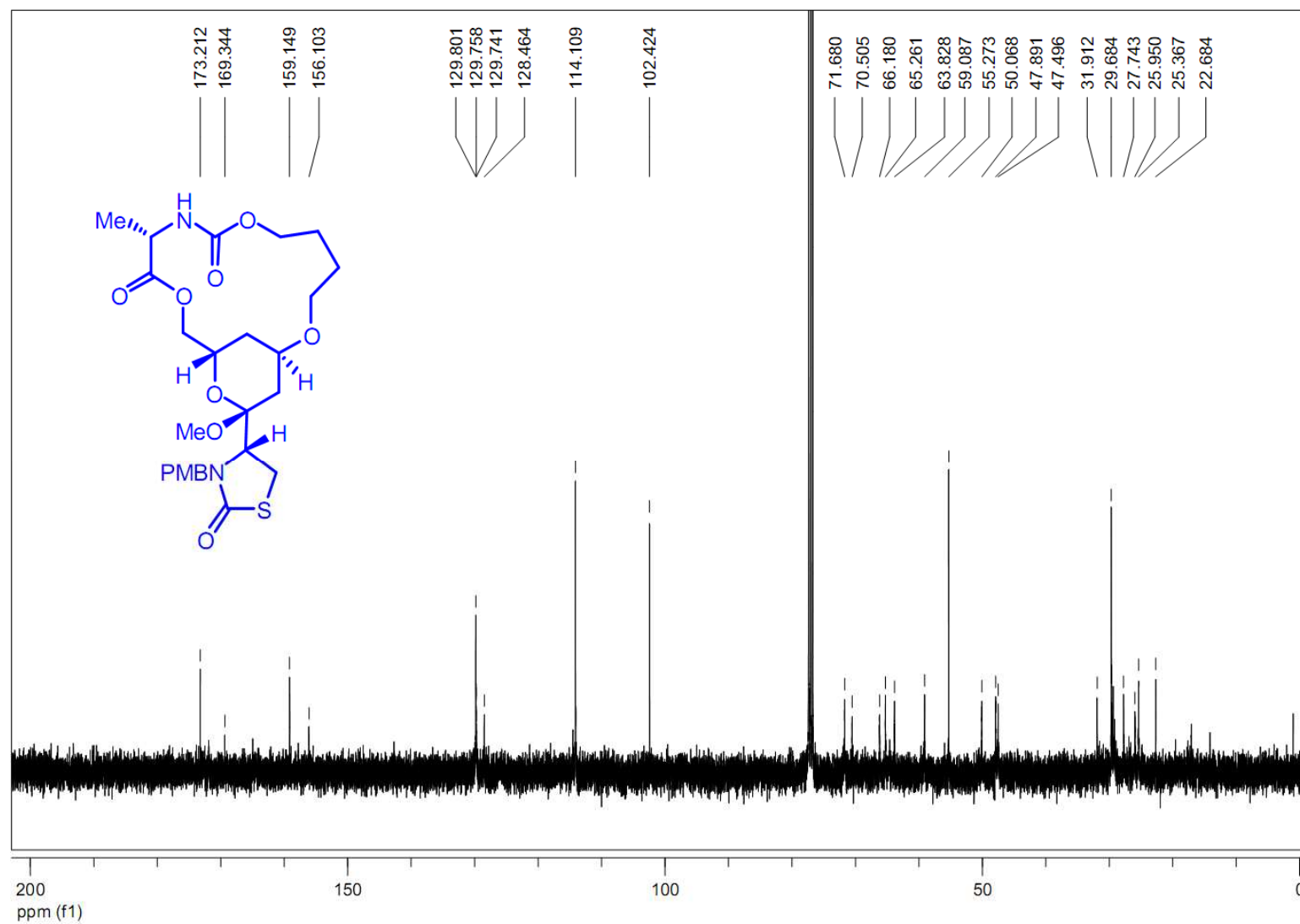
^{13}C -NMR spectra of compound **19d**



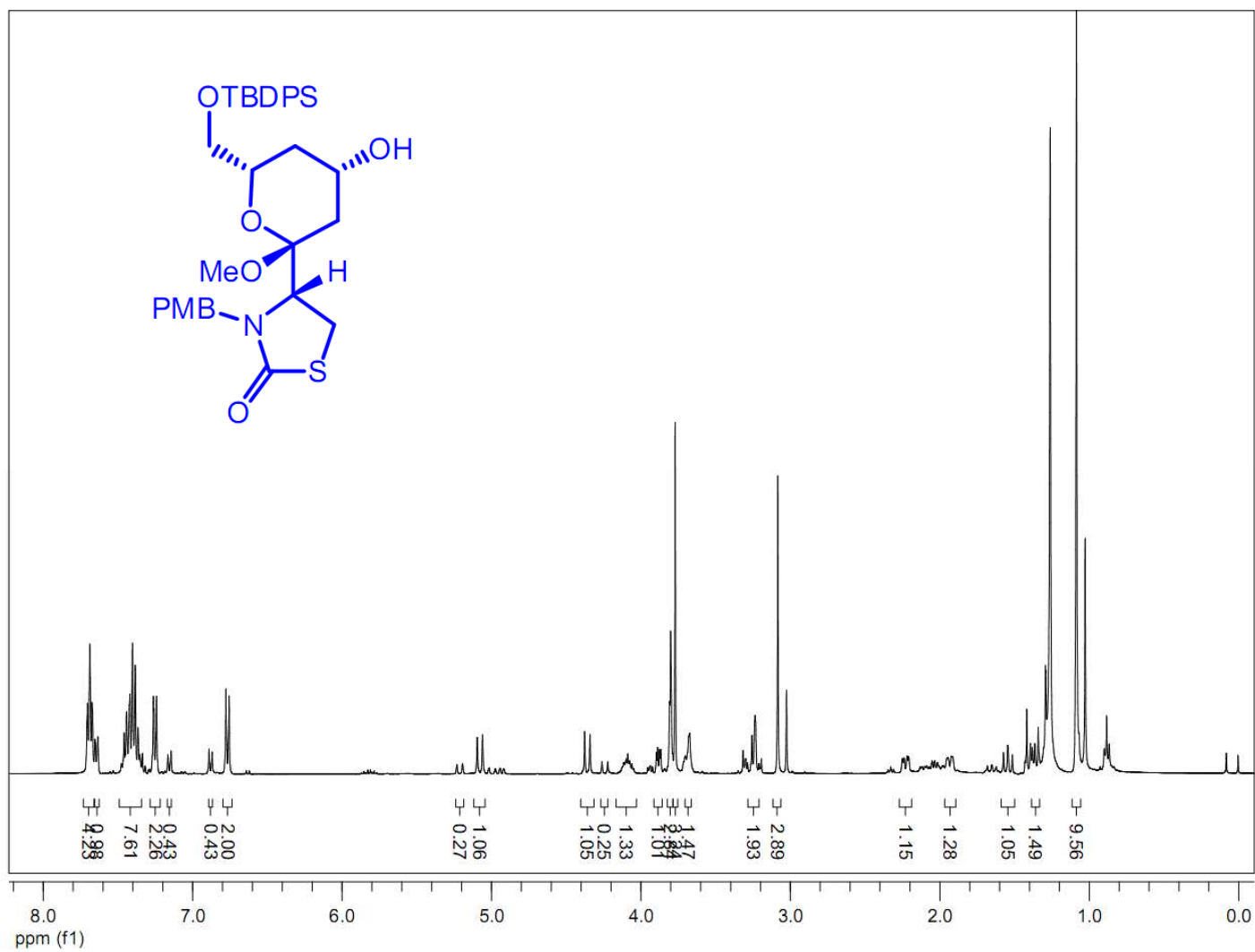
^1H -NMR spectra of compound **19e**



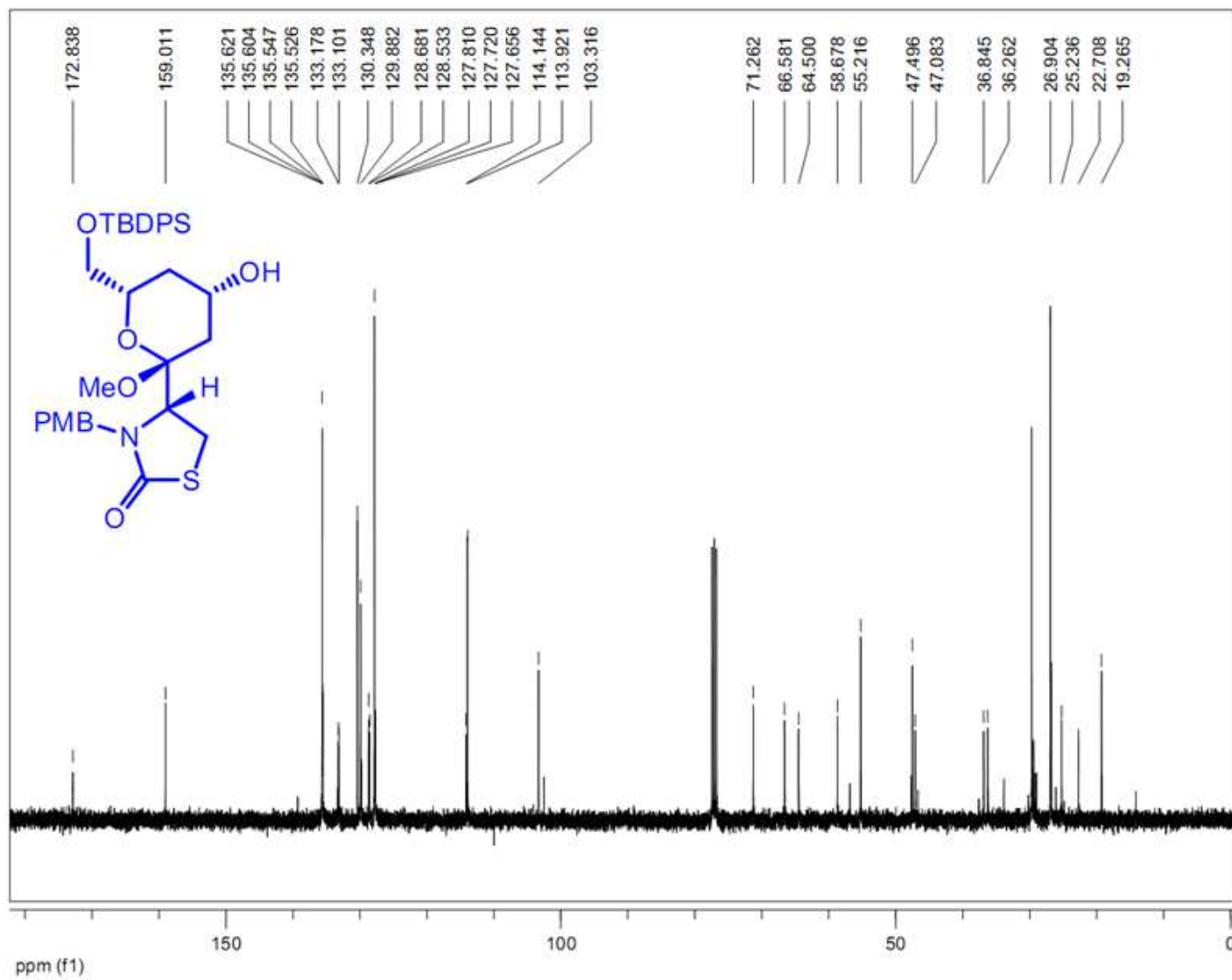
^{13}C -NMR spectra of compound **19e**



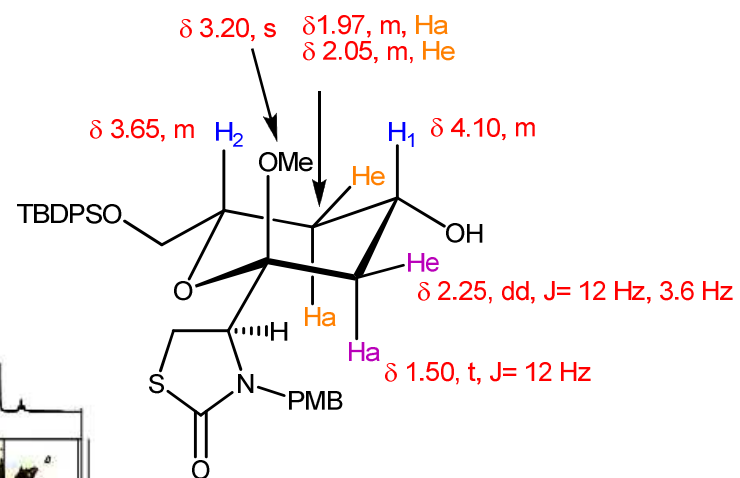
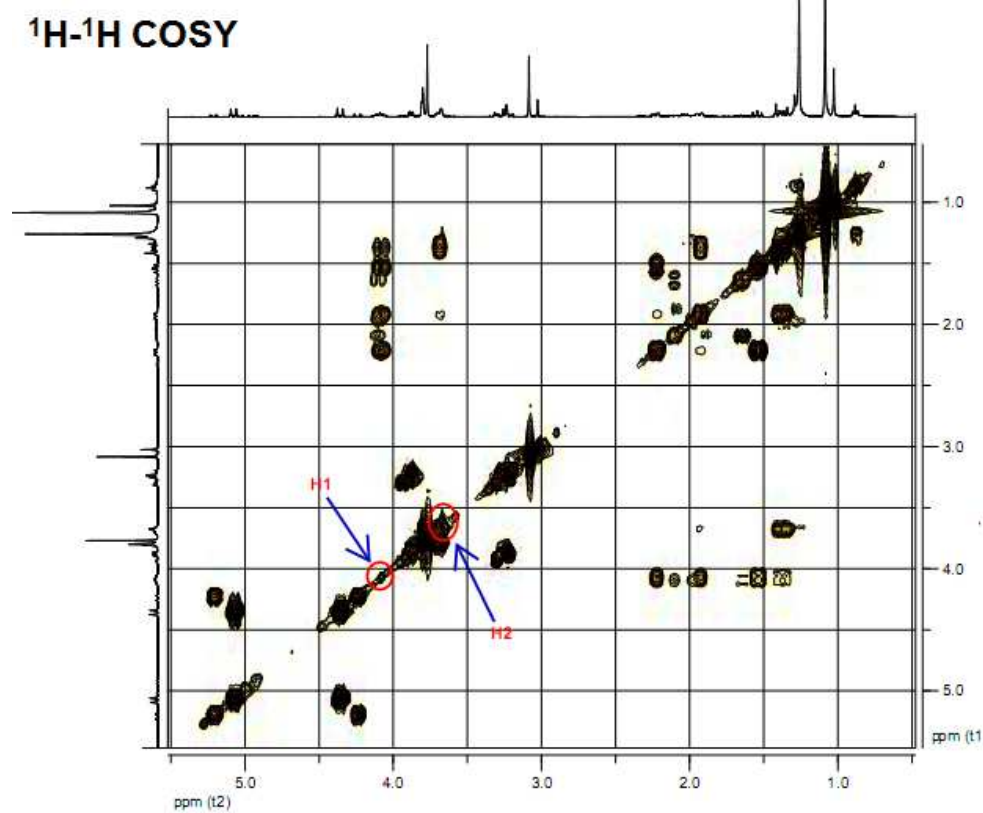
¹H-NMR spectra of compound **13**



^{13}C -NMR spectra of compound **13**

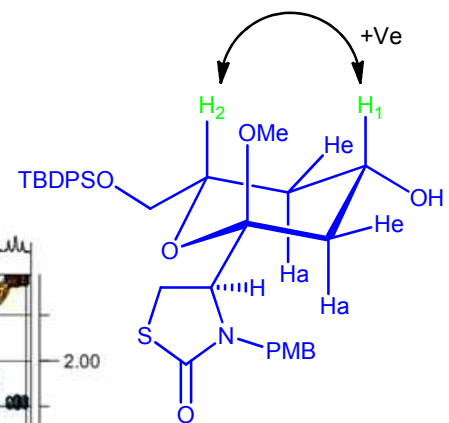
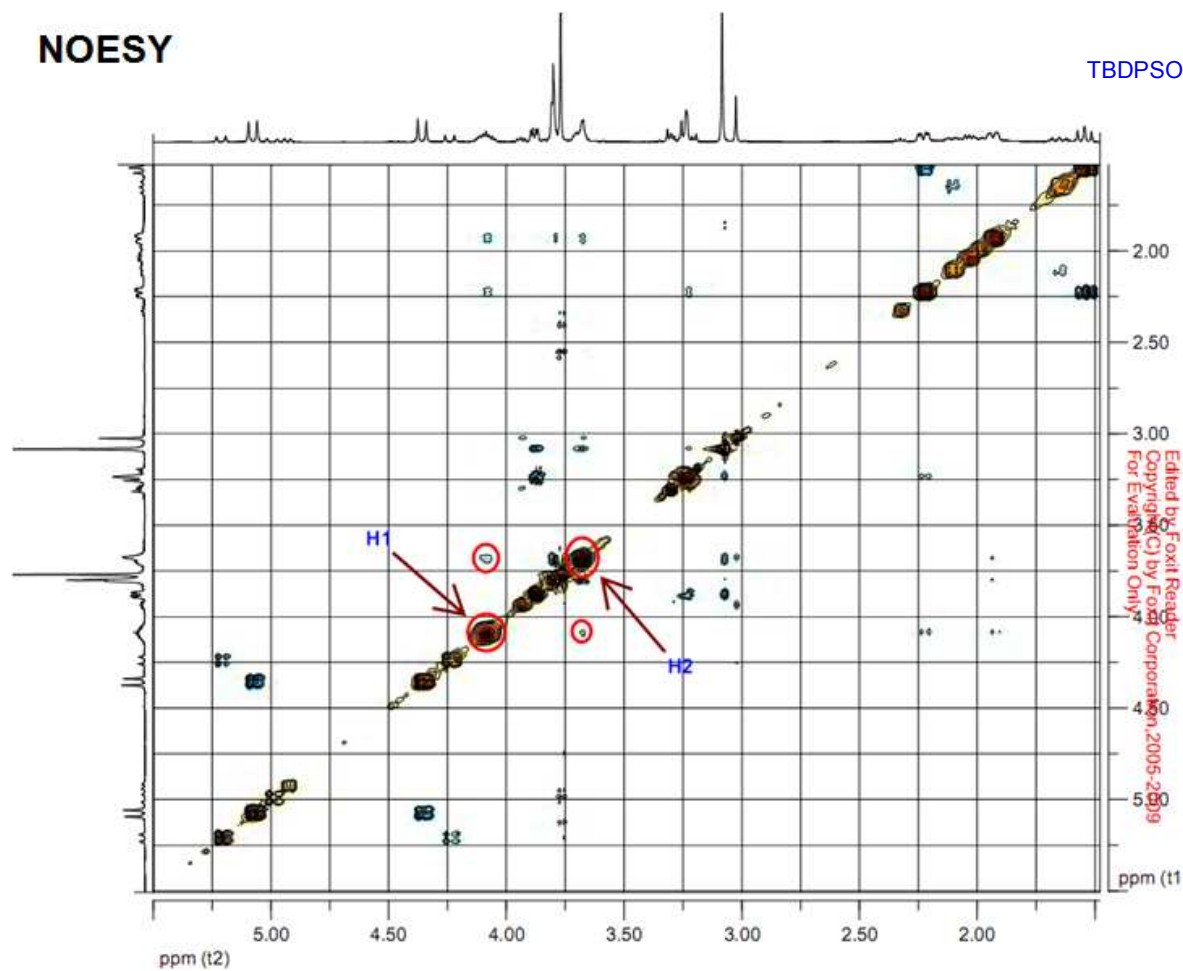


^1H - ^1H COSY spectrum of **13**



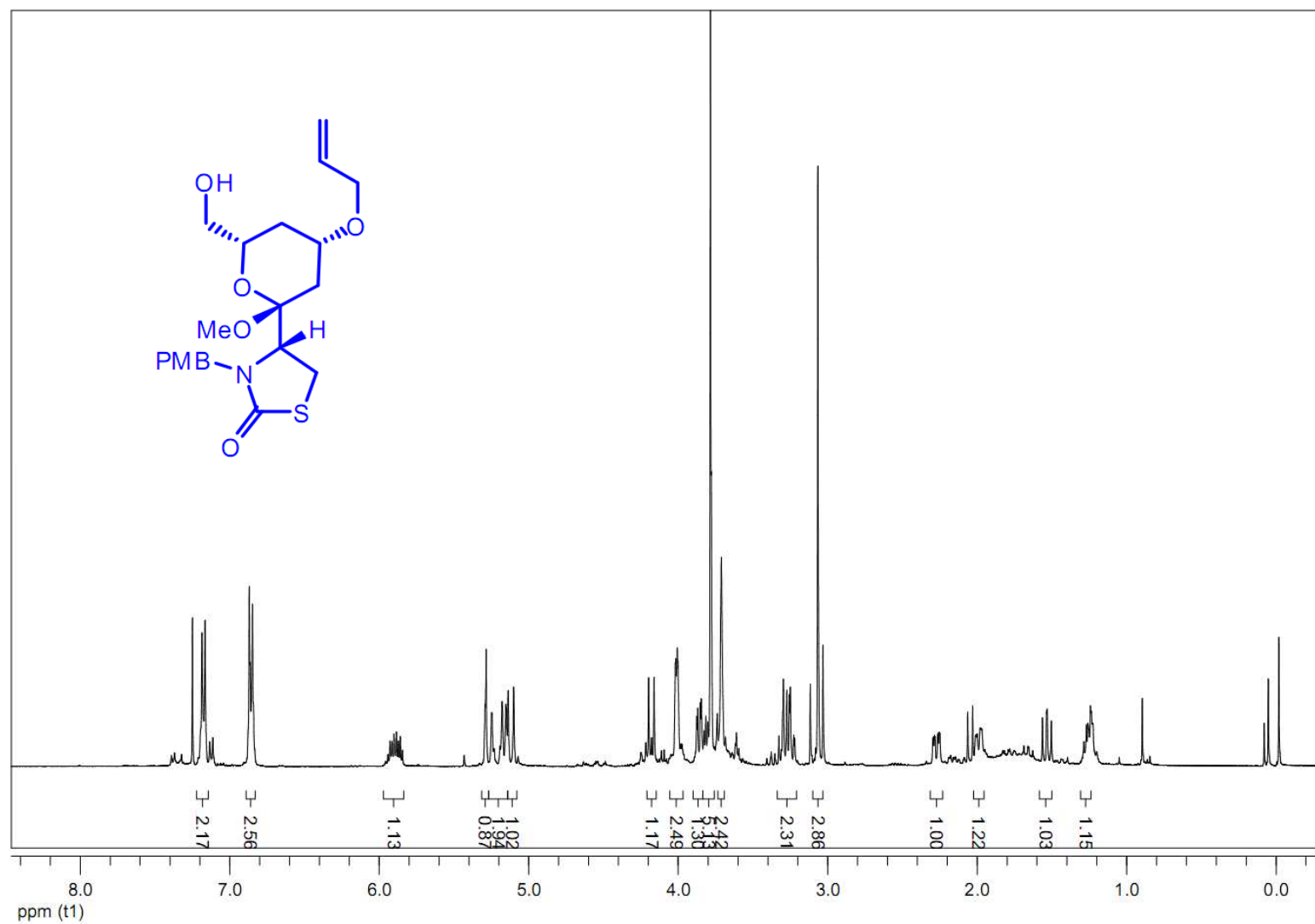
NOESY spectrum of 13

NOESY

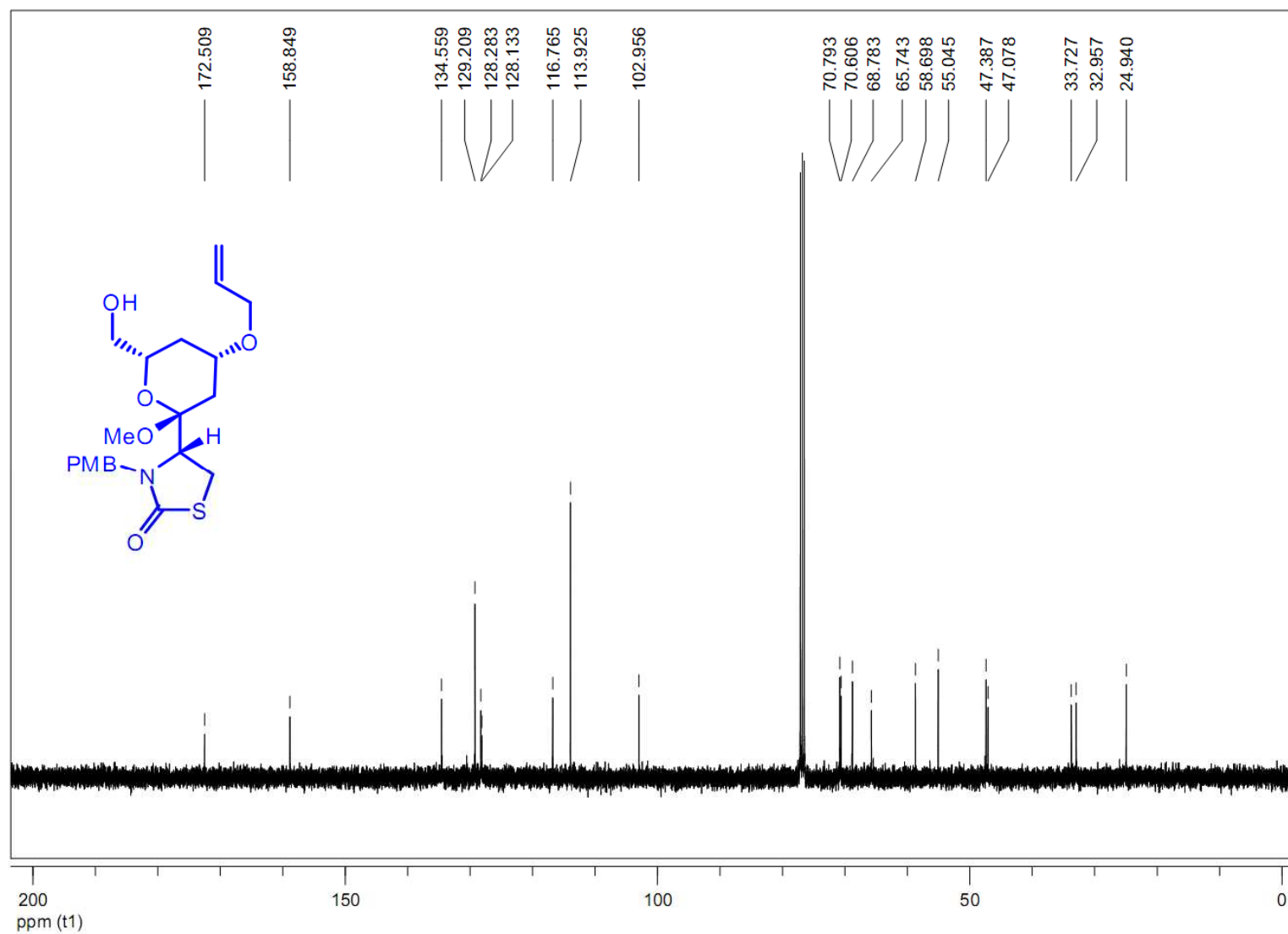


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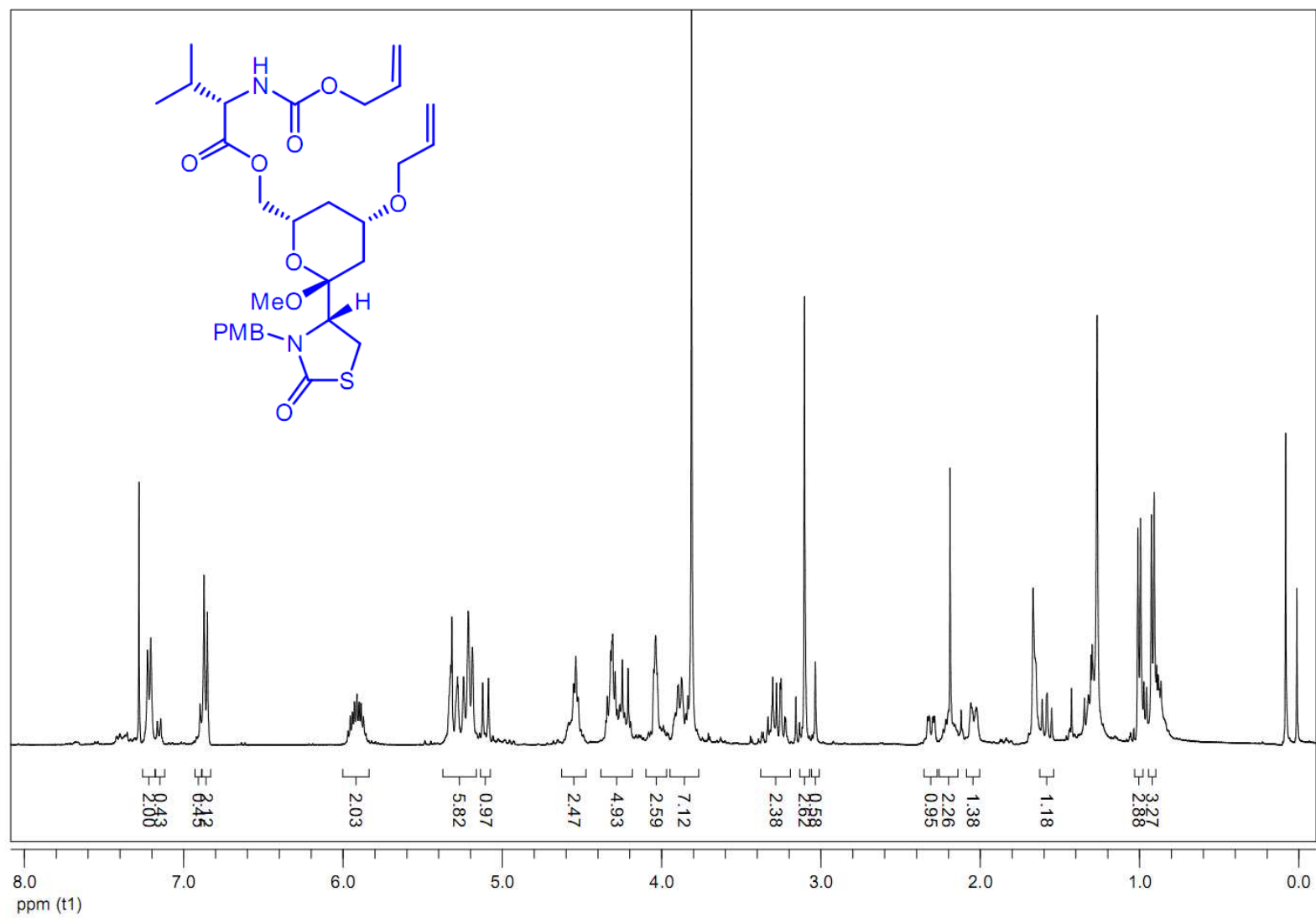
^1H -NMR spectra of compound **14**



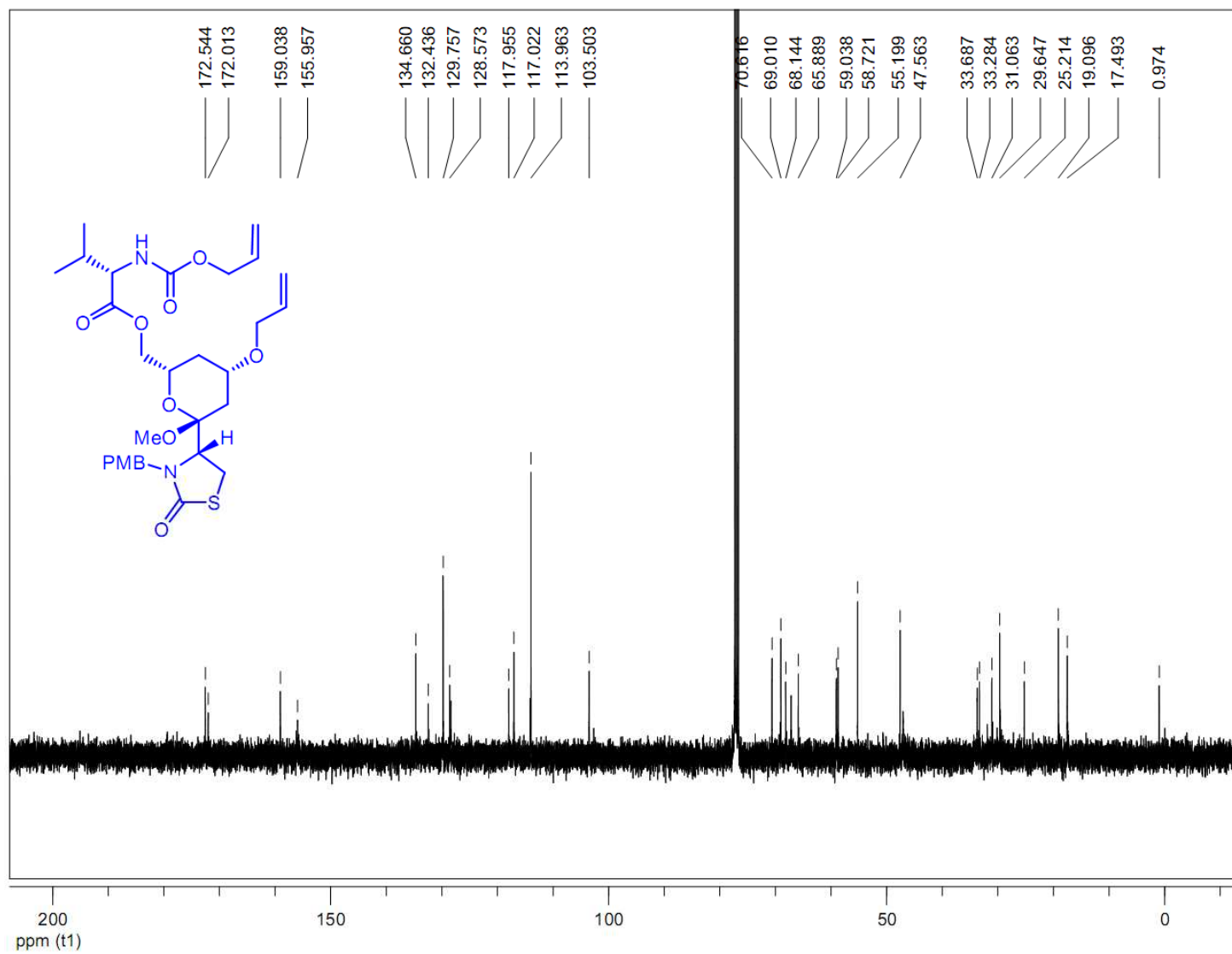
^{13}C -NMR spectra of compound **14**



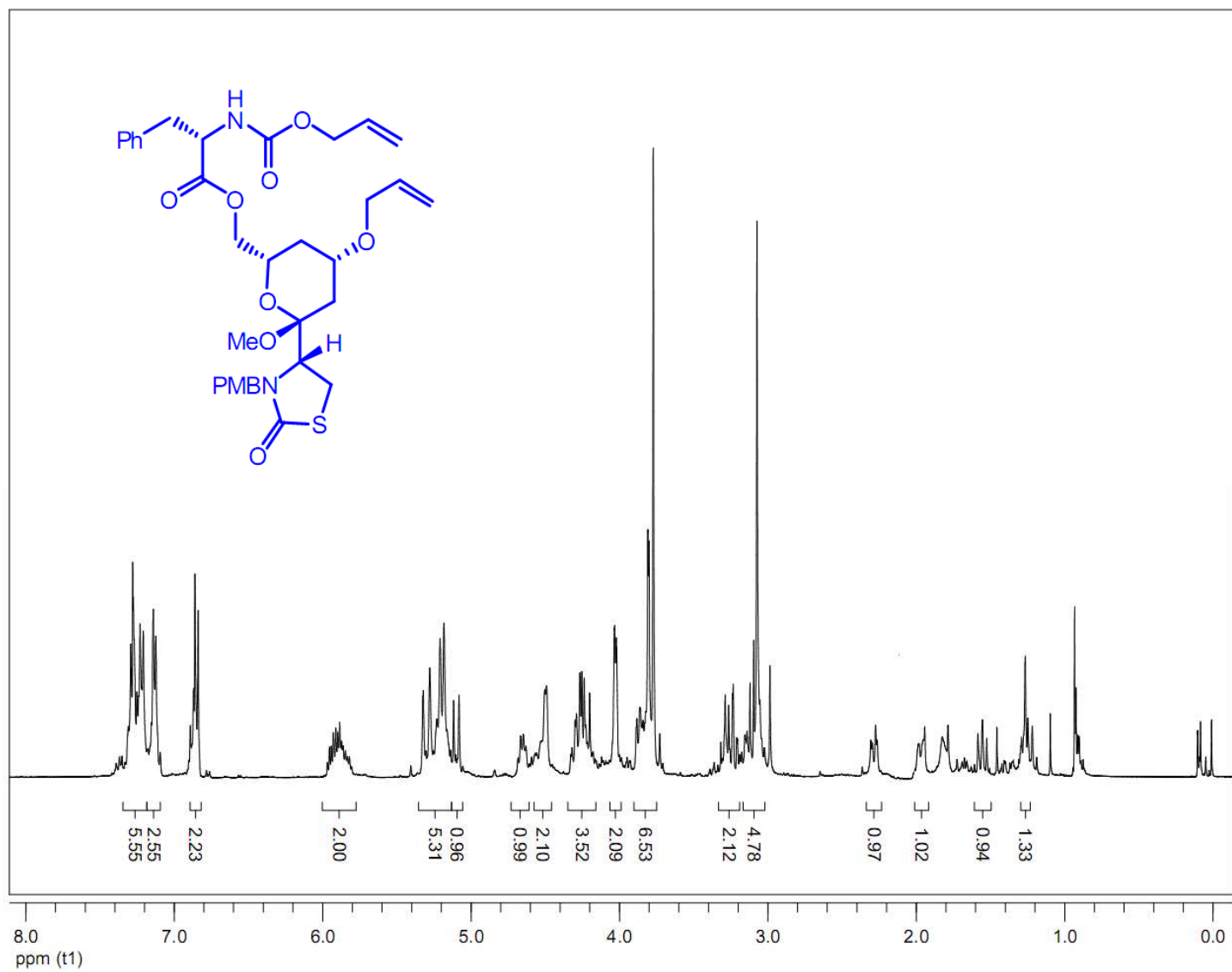
^1H -NMR spectra of compound **17a**



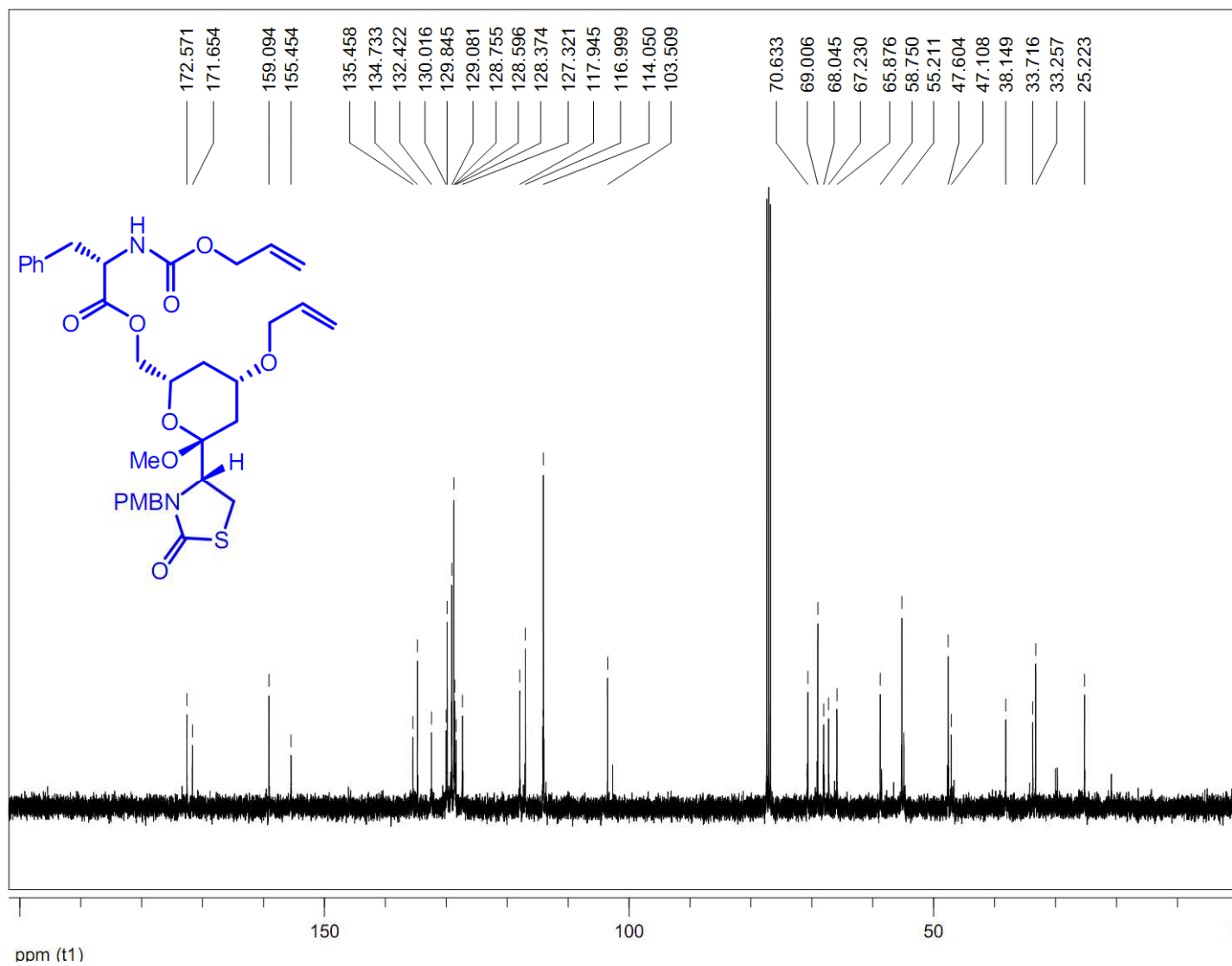
^{13}C -NMR spectra of compound **17a**



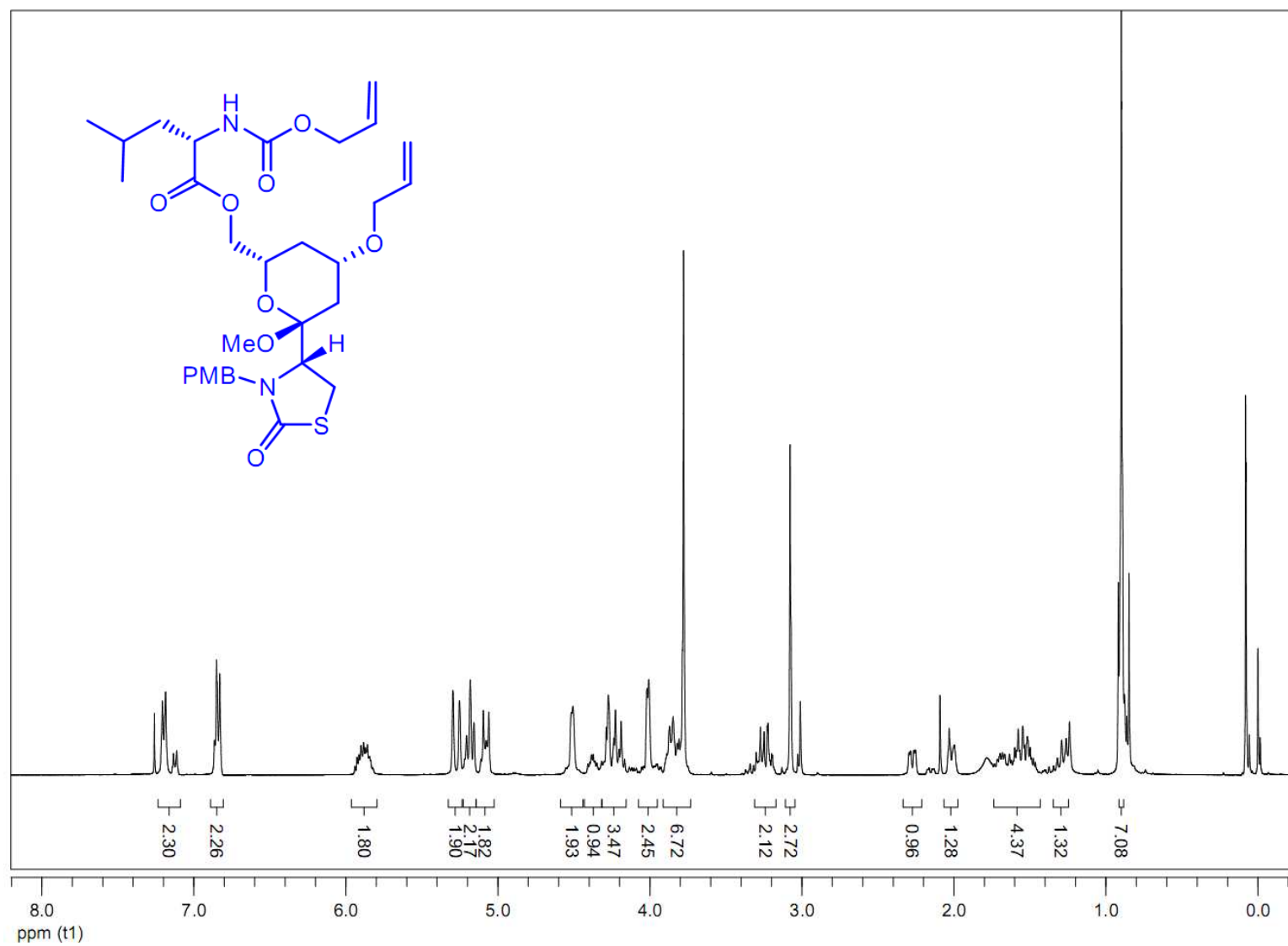
¹H-NMR spectra of compound **17b**



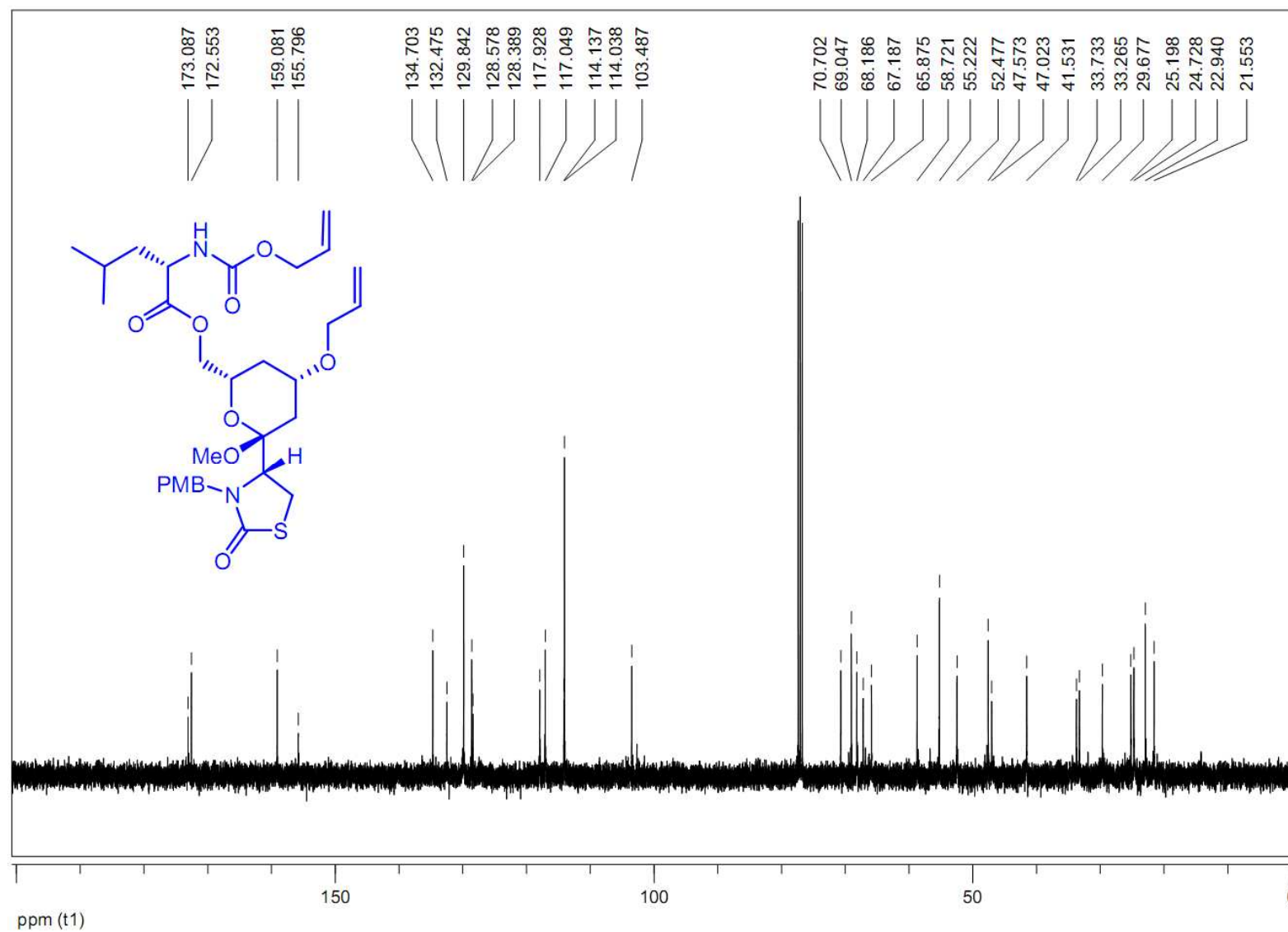
¹³C-NMR spectra of compound **17b**



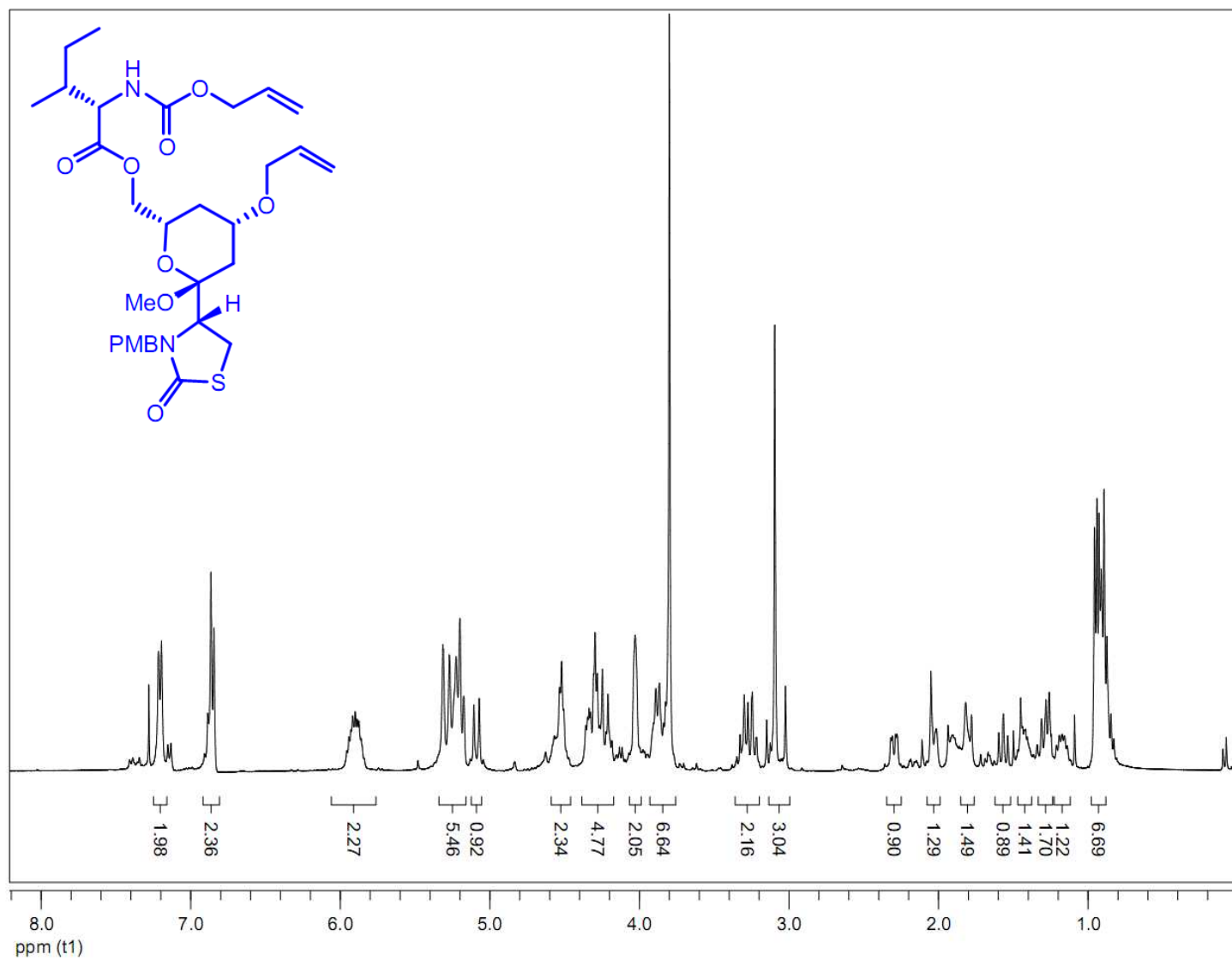
^1H -NMR spectra of compound **17c**



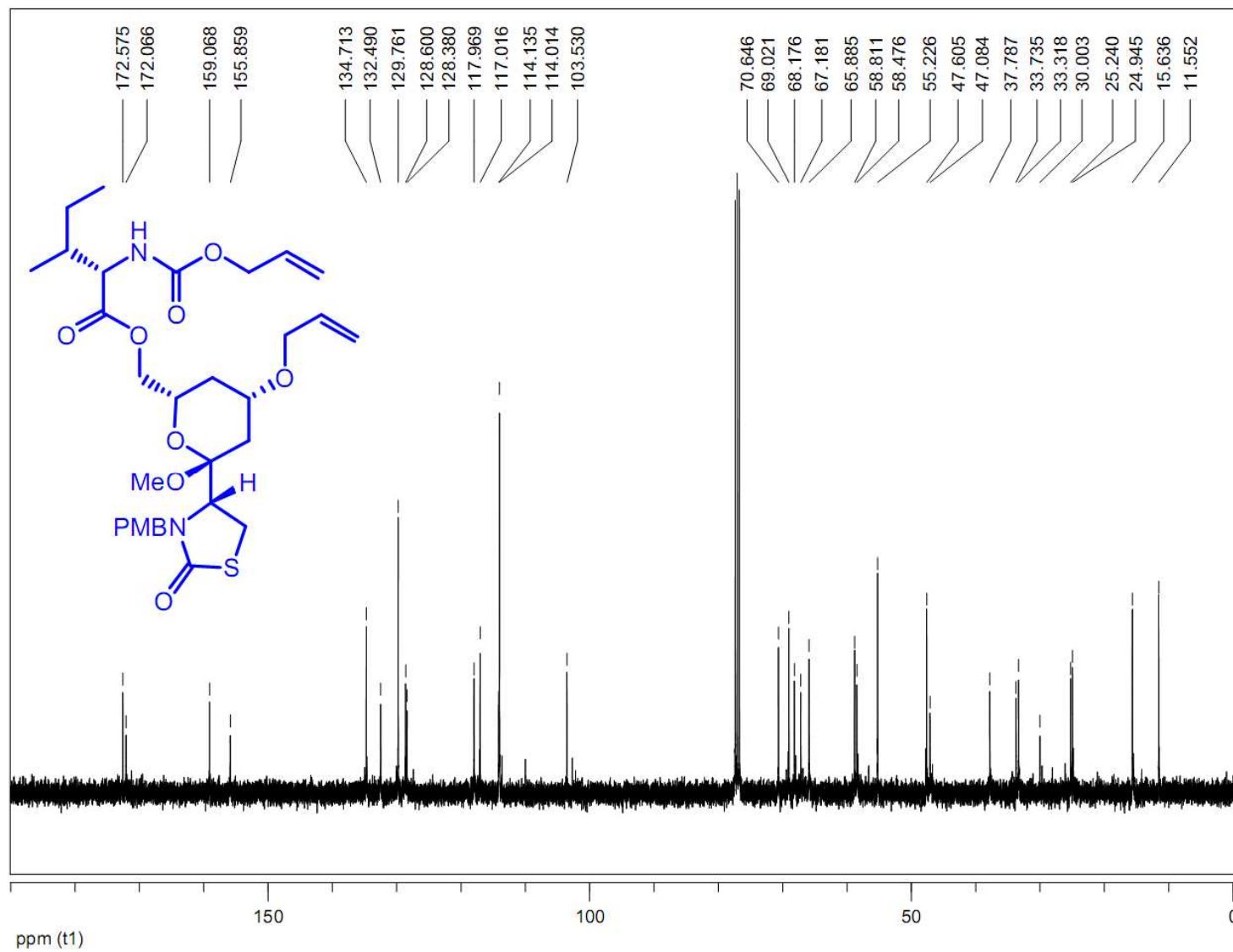
^{13}C -NMR spectra of compound **17c**



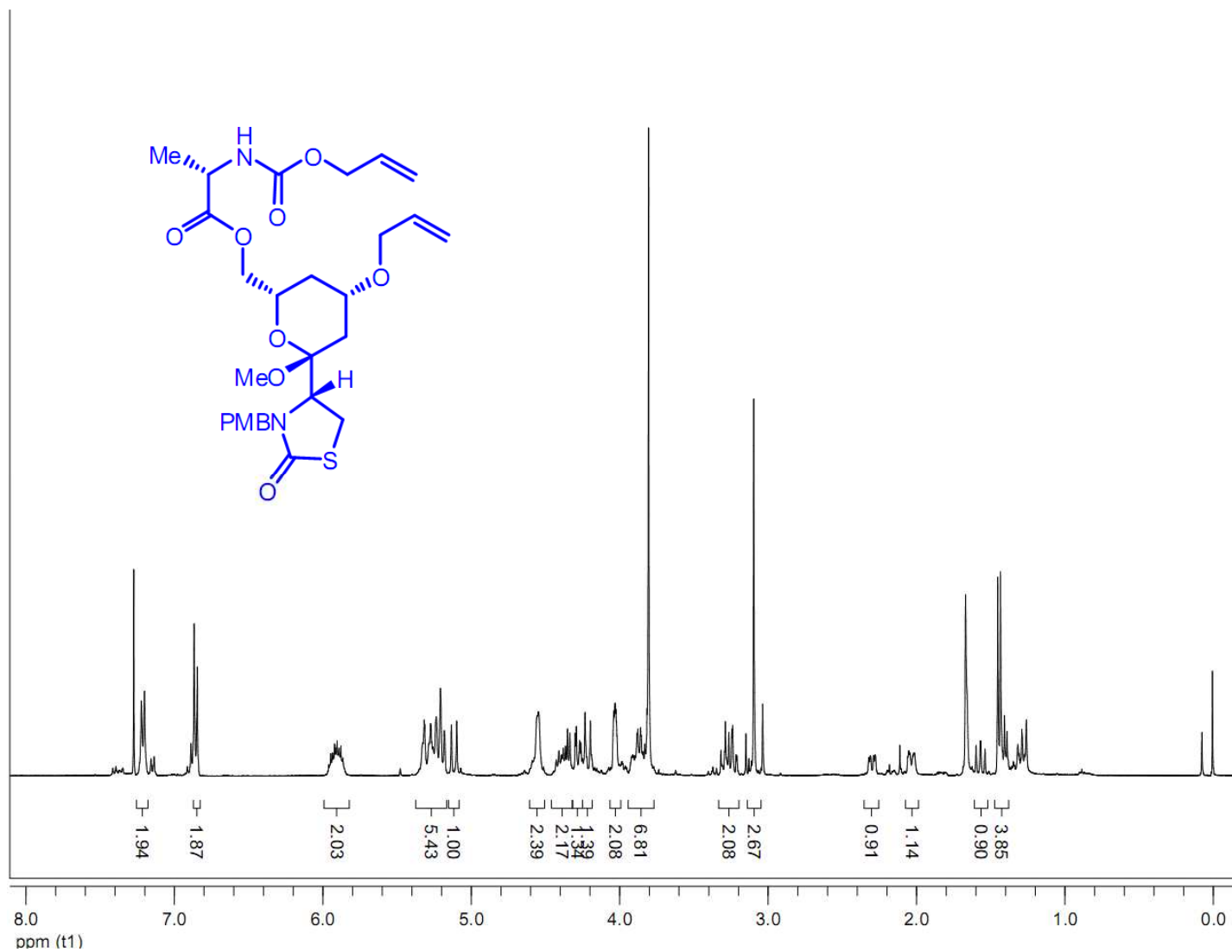
^1H -NMR spectra of compound **17d**



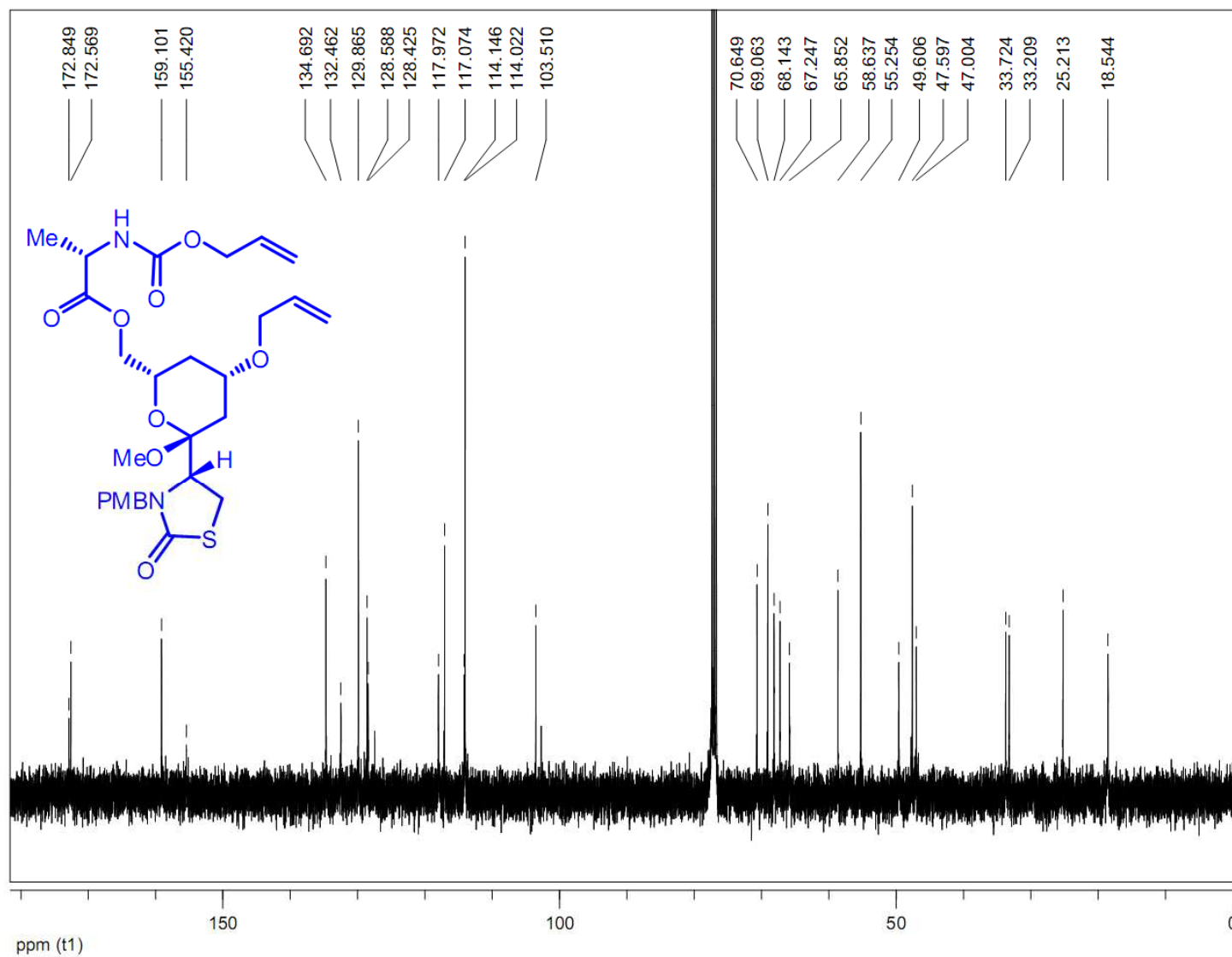
^{13}C -NMR spectra of compound **17d**



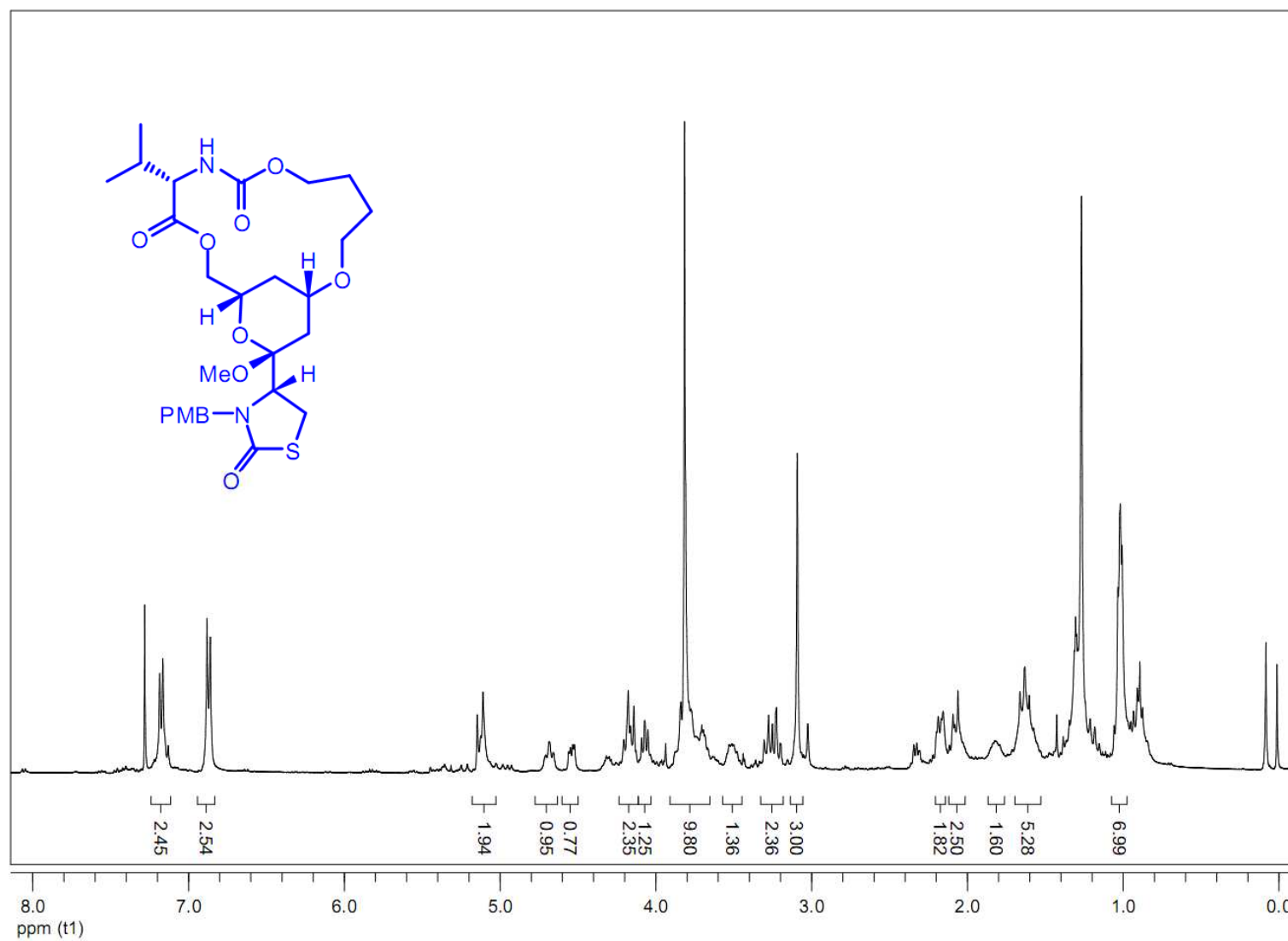
¹H-NMR spectra of compound **17e**



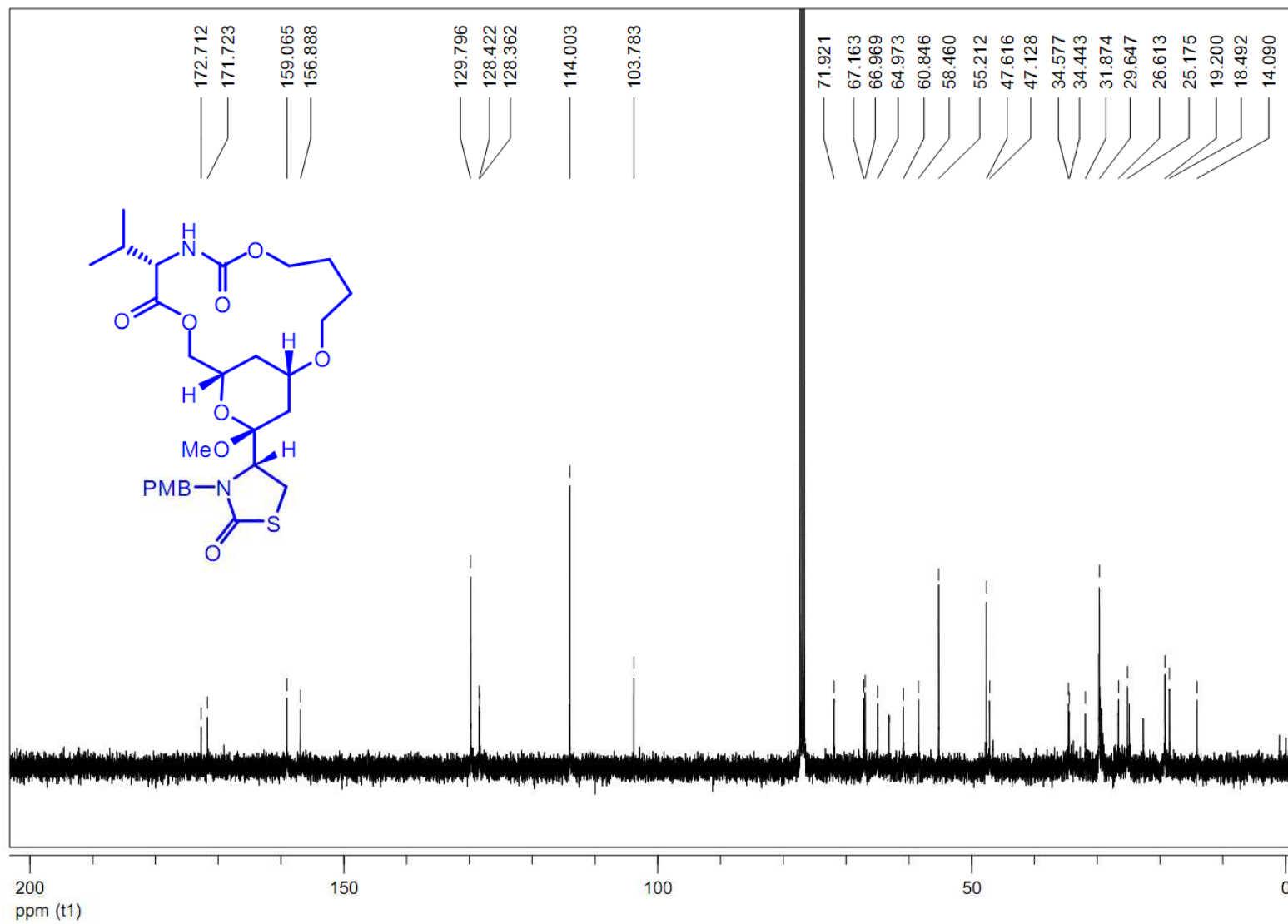
¹³C-NMR spectra of compound **17e**



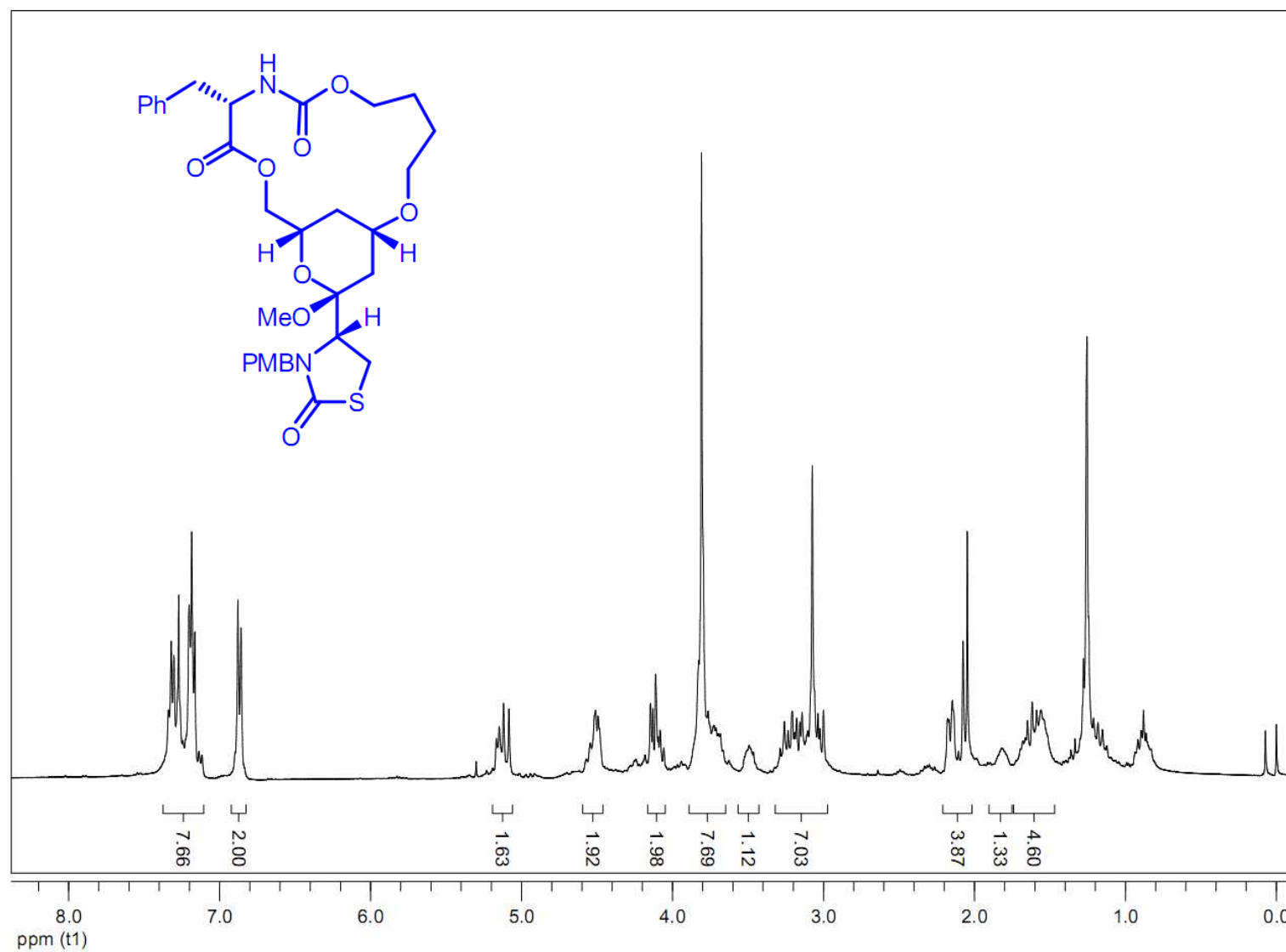
¹H-NMR spectra of compound **18a**



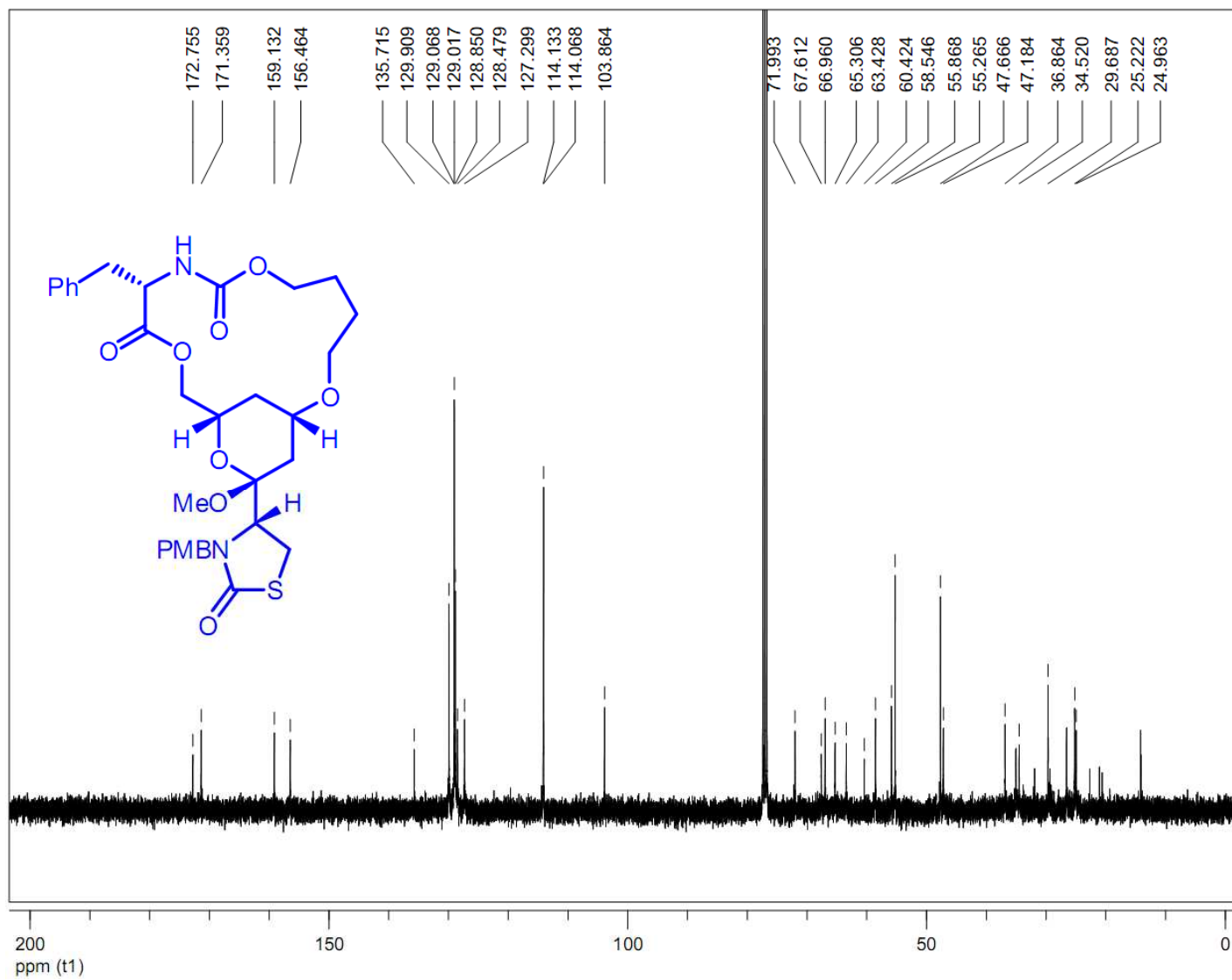
¹³C-NMR spectra of compound **18a**



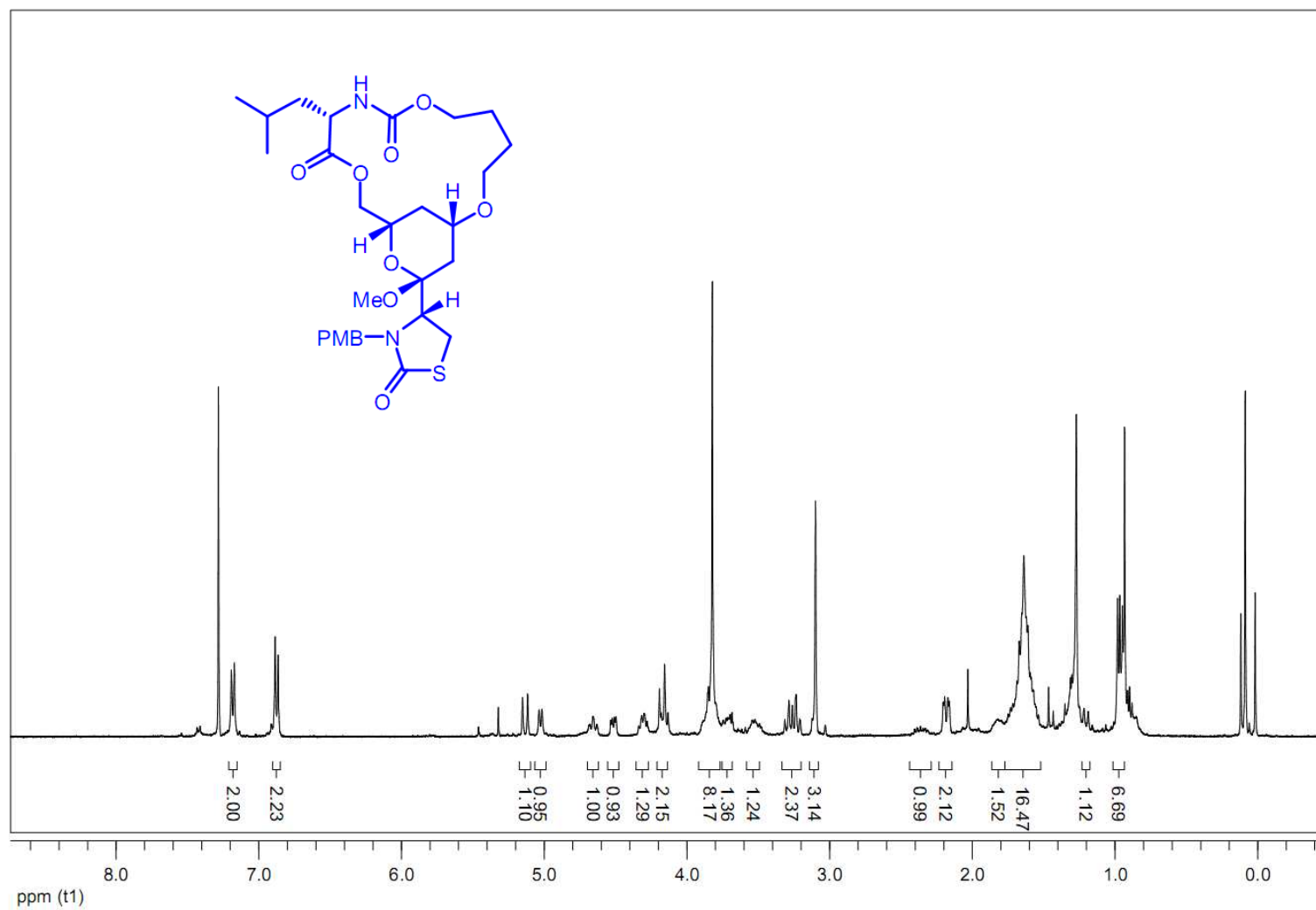
¹H-NMR spectra of compound **18b**



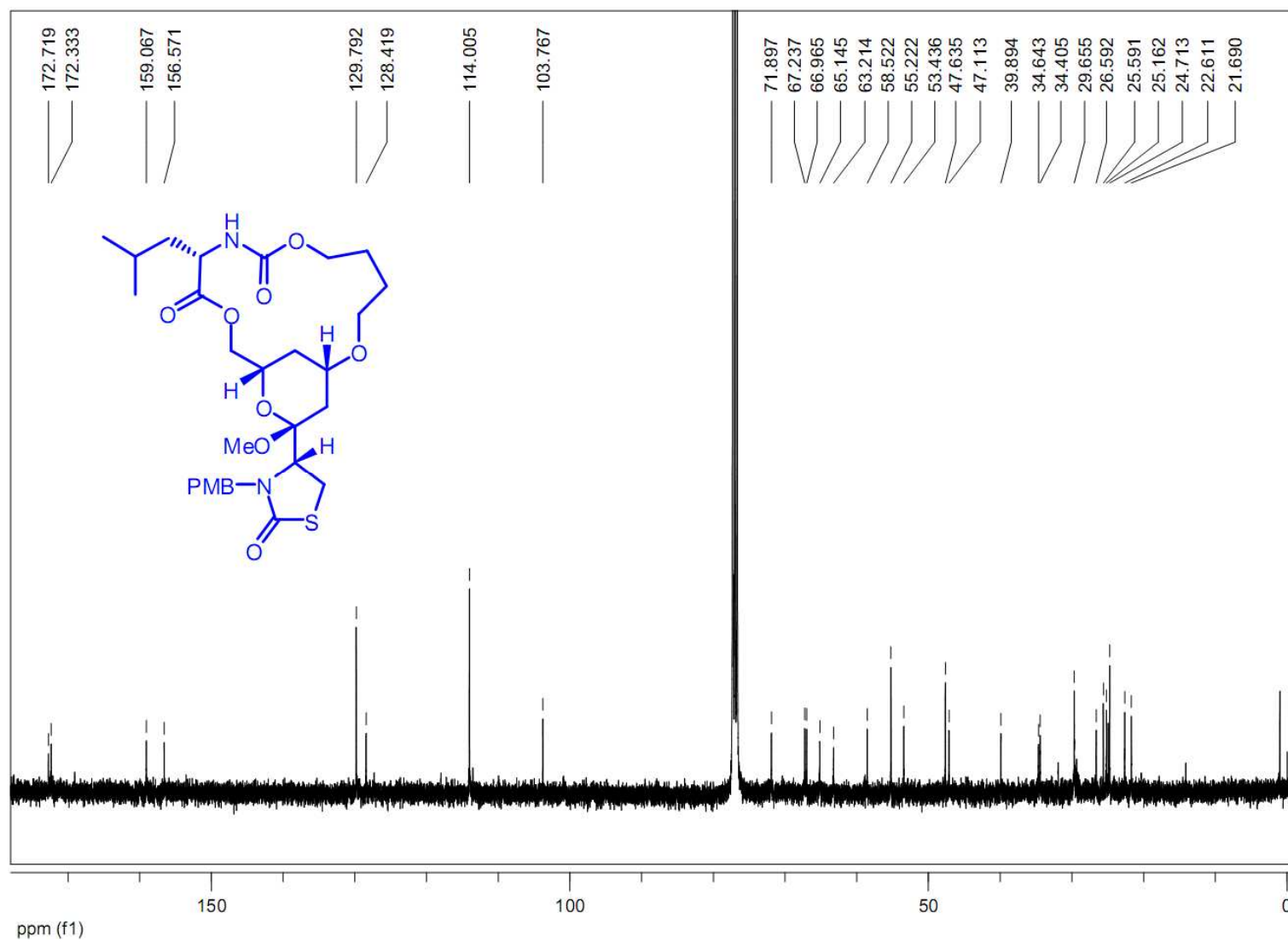
^{13}C -NMR spectra of compound **18b**



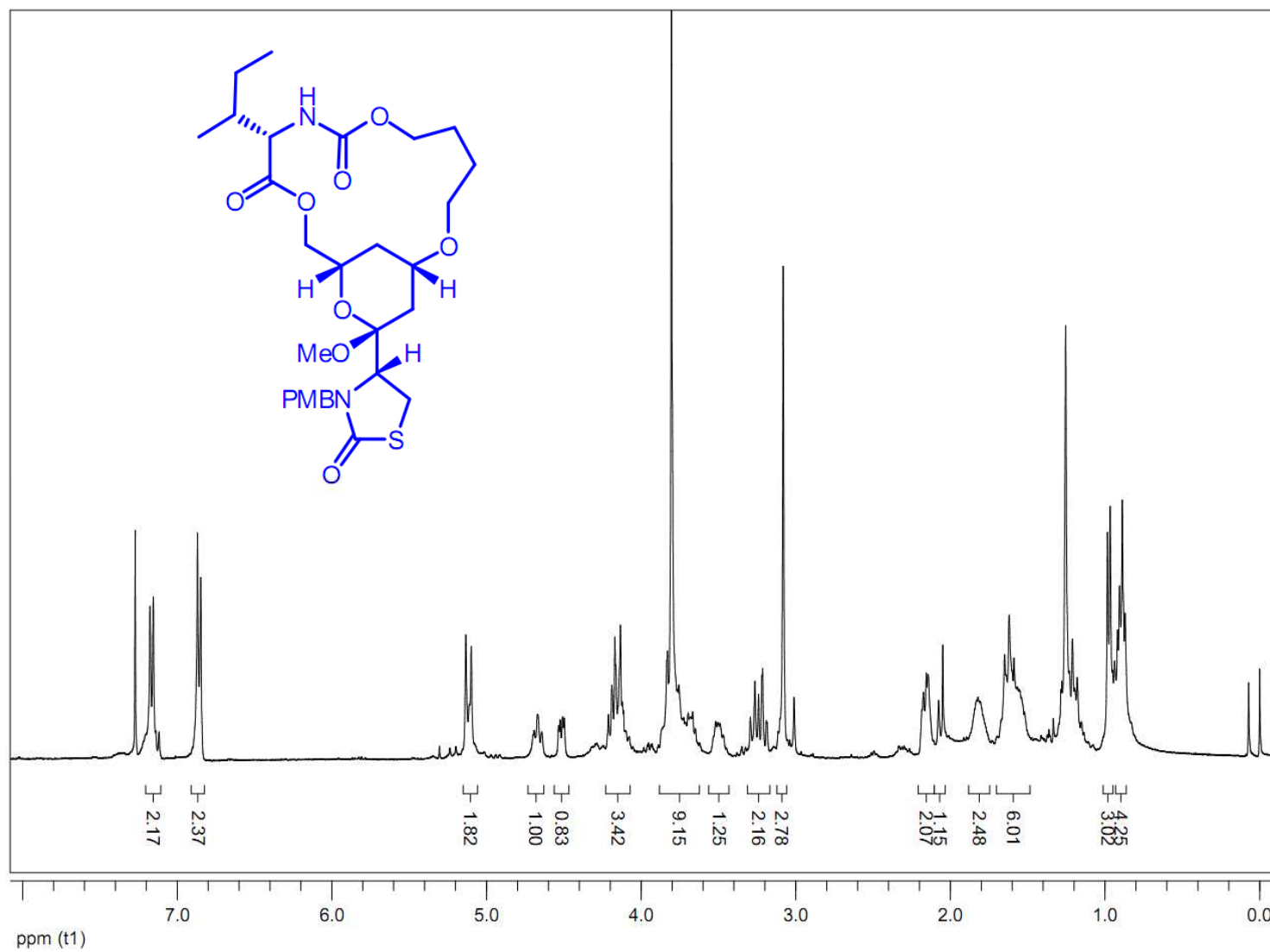
^1H -NMR spectra of compound **18c**



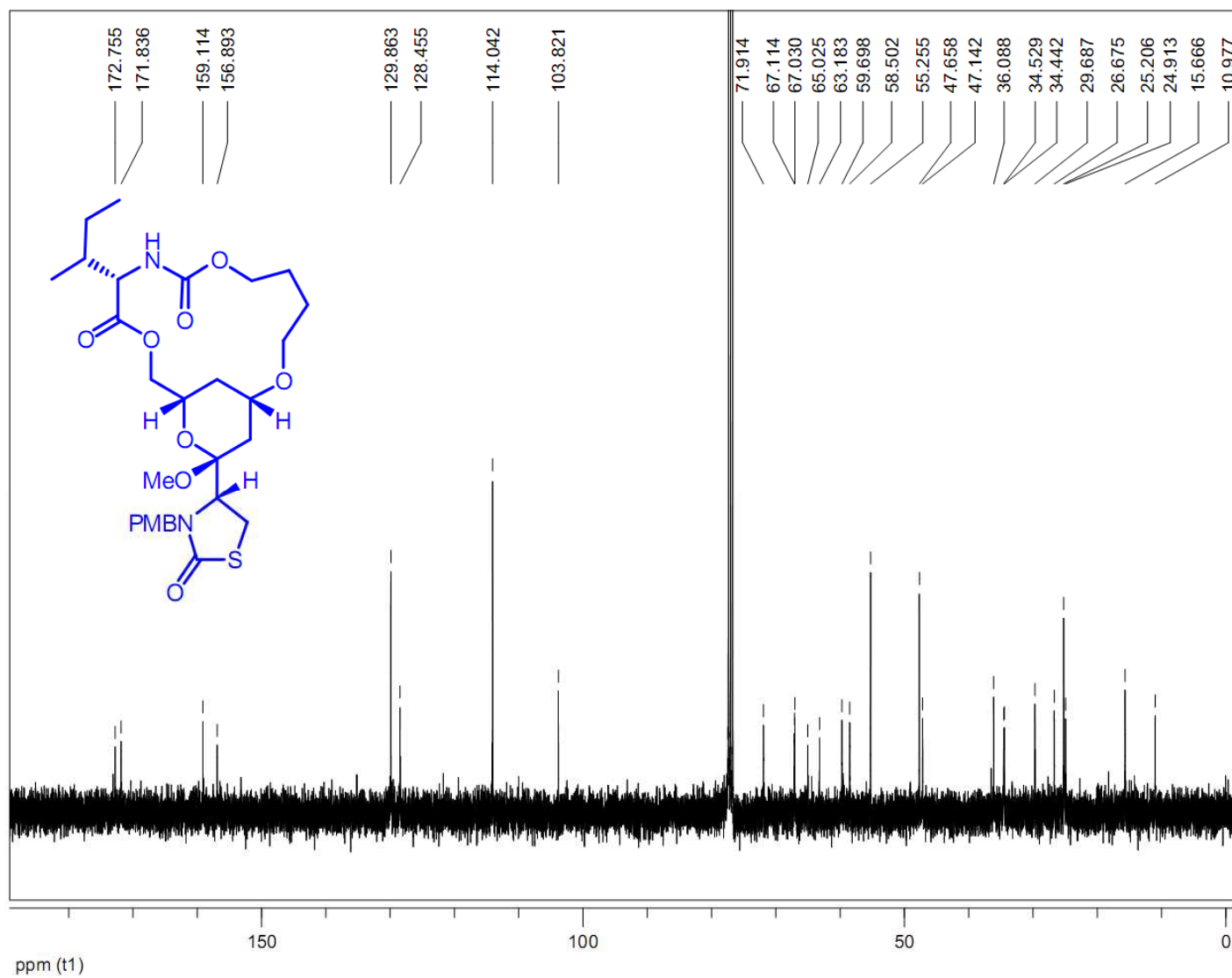
^{13}C -NMR spectra of compound **18c**



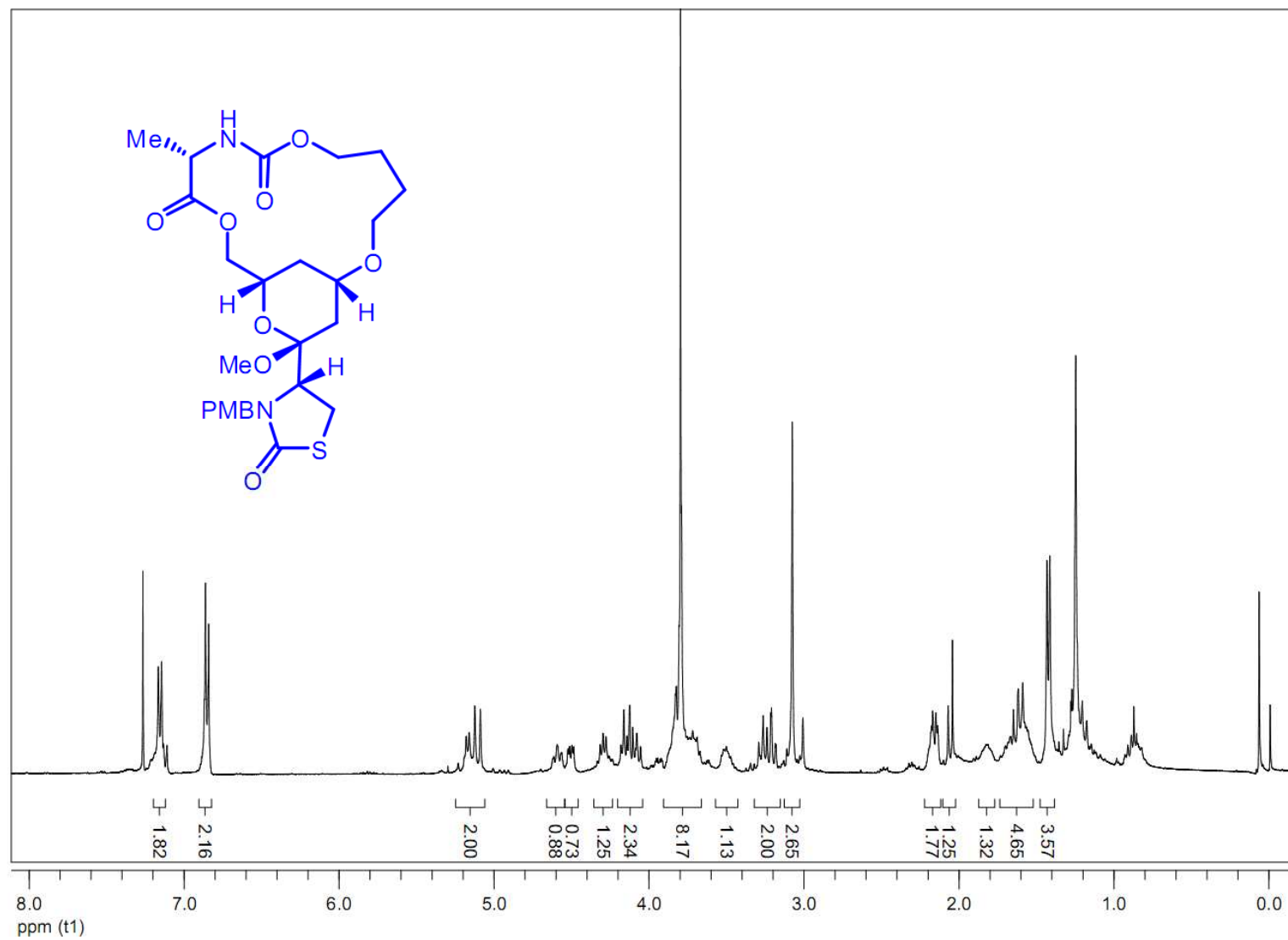
^1H -NMR spectra of compound **18d**



^{13}C -NMR spectra of compound **18d**



¹H-NMR spectra of compound **18e**



¹³C-NMR spectra of compound **18e**

