

Supporting Information

Structural variation of the 3-acetamido-4,5,6-trihydroxyazepane iminosugar through epimerization and C-alkylation leads to low micromolar HexAB and NagZ inhibitors

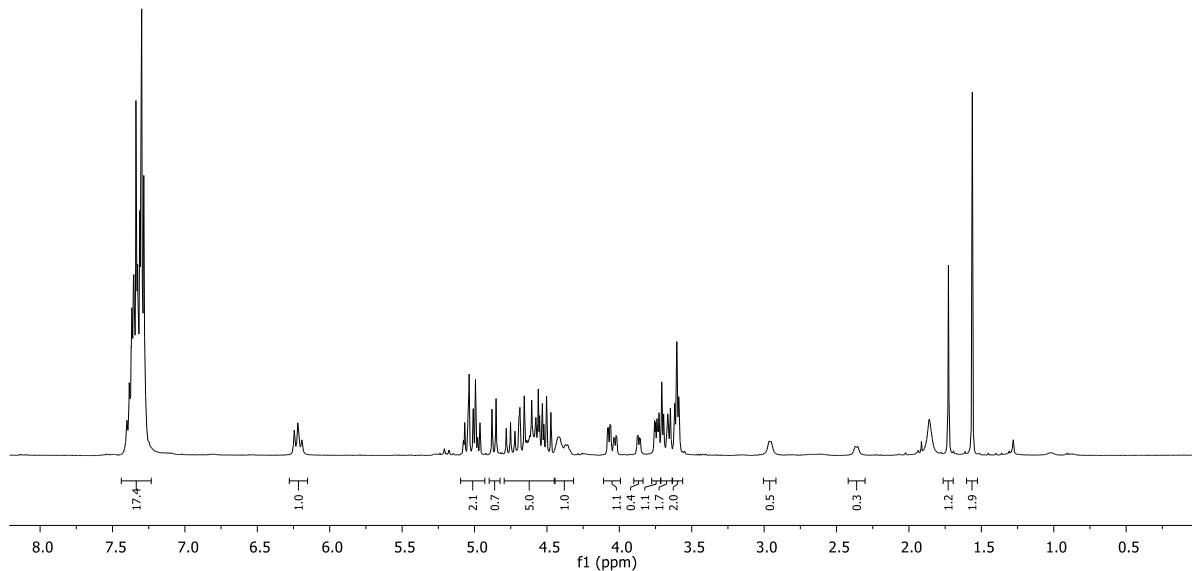
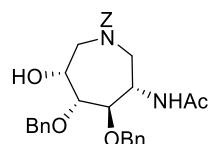
J. Bouquet,^a N. Auberger,^a R. Ashmus,^b D. King,^b A. Bordes,^a N. Fontelle,^a S. Nakagawa,^c Z. Madden,^b C. Proceviat,^b A. Kato,^{c*} J. Désiré,^{a*} D. J. Vocadlo,^{b*} and Y. Blériot^{a*}

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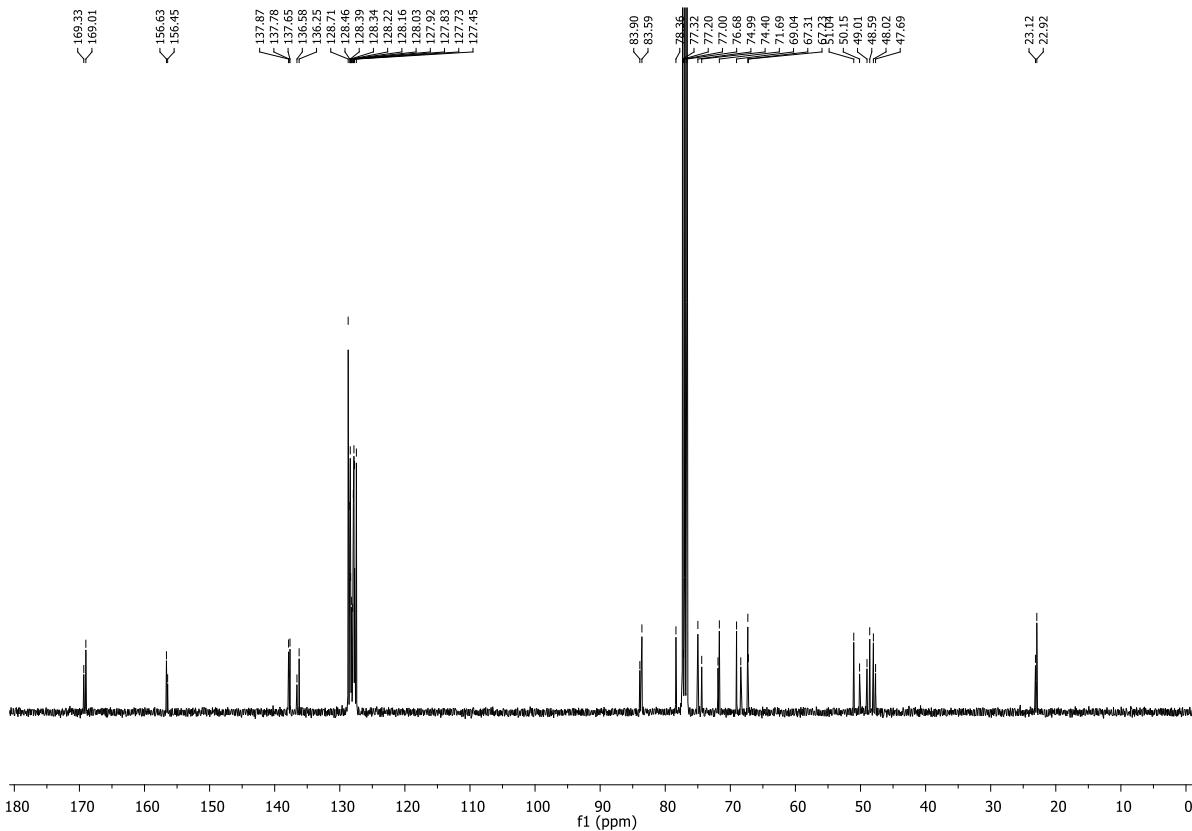
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Copies of ¹H and ¹³C NMR spectra p. 2-19

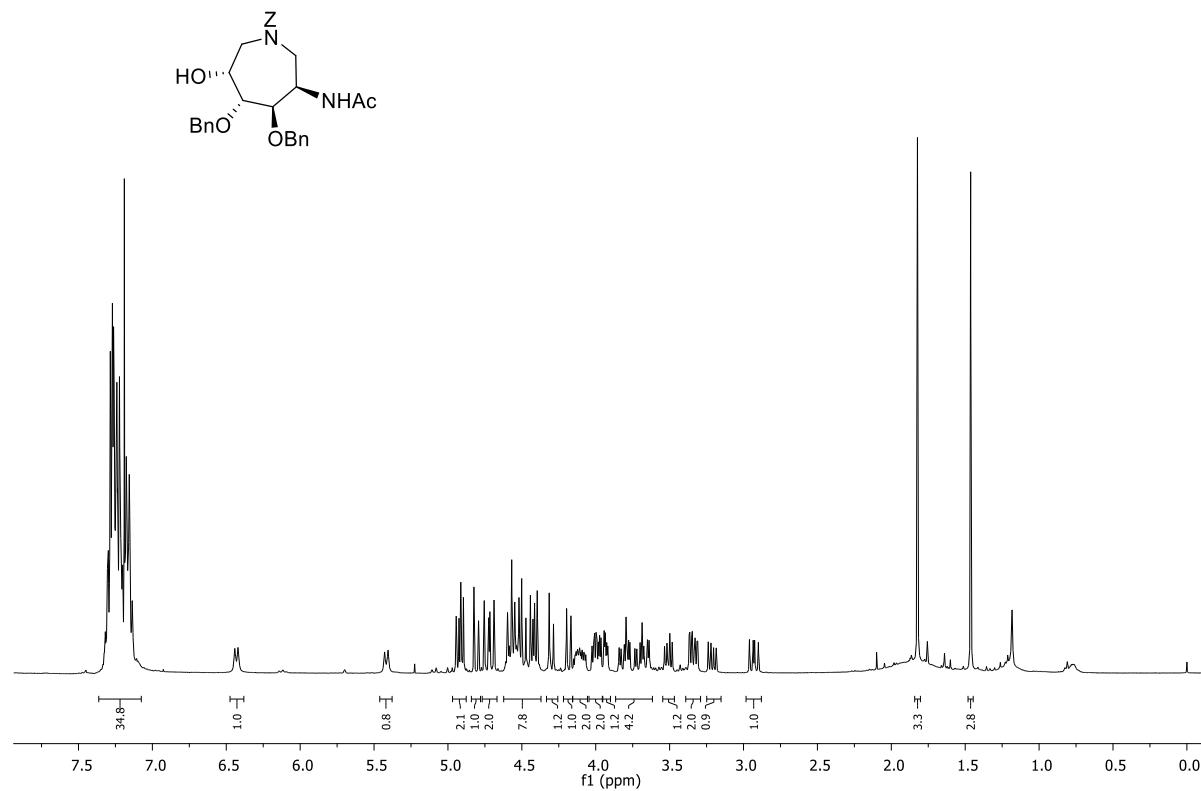
¹H NMR spectrum of **15**, 400 MHz, CDCl₃



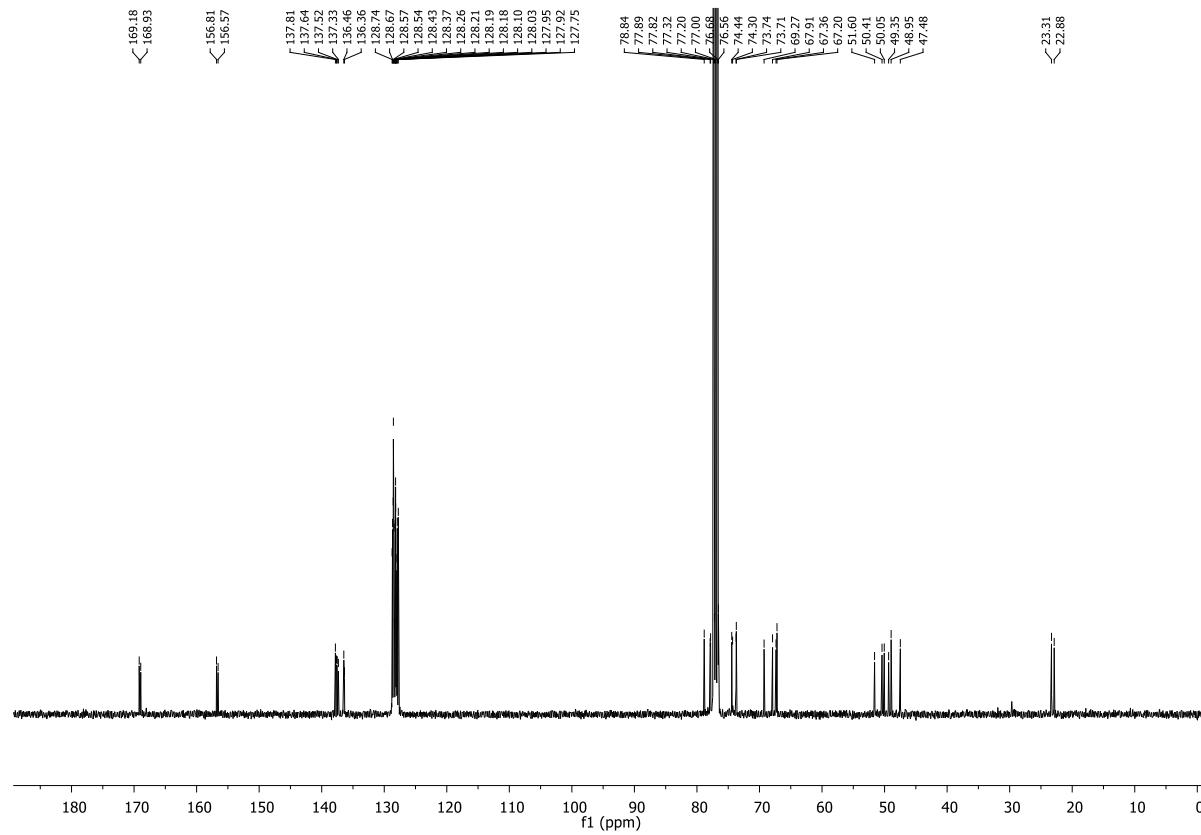
¹³C NMR spectrum of **15**, 100 MHz, CDCl₃



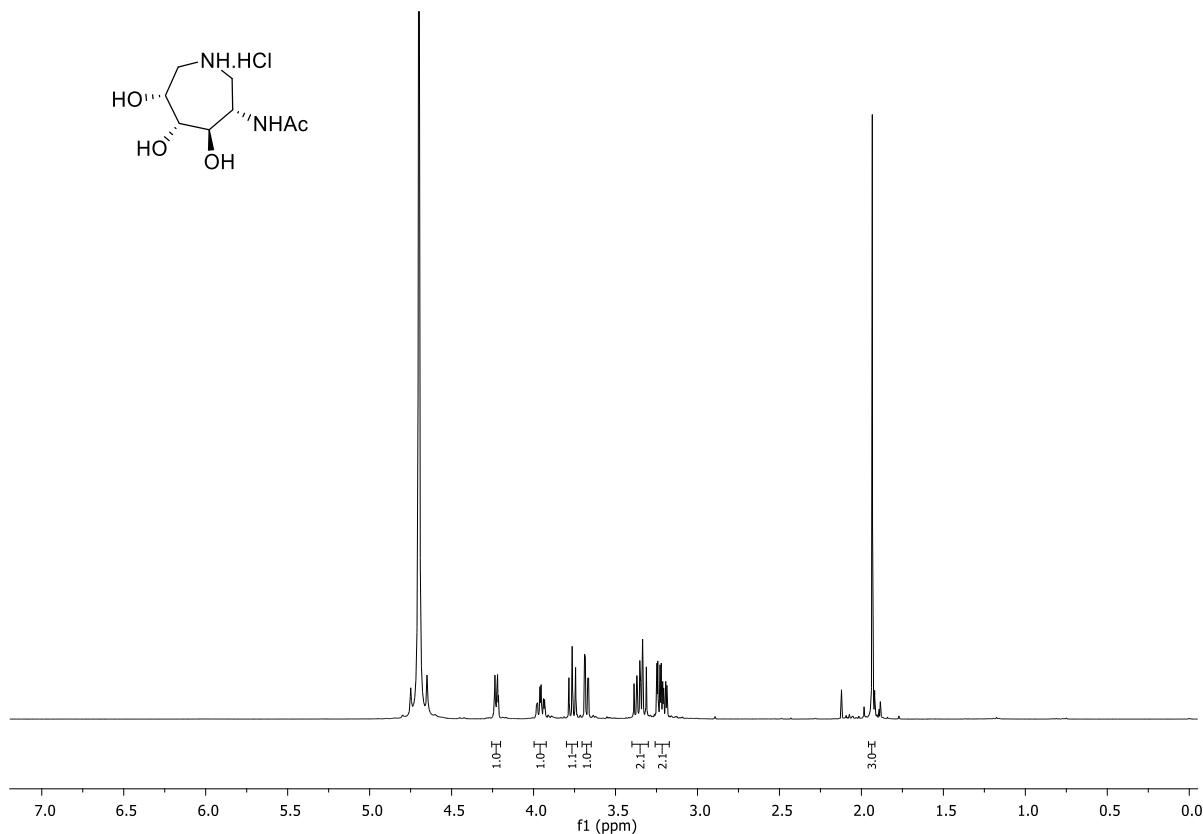
¹H NMR spectrum of **16**, 400 MHz, CDCl₃



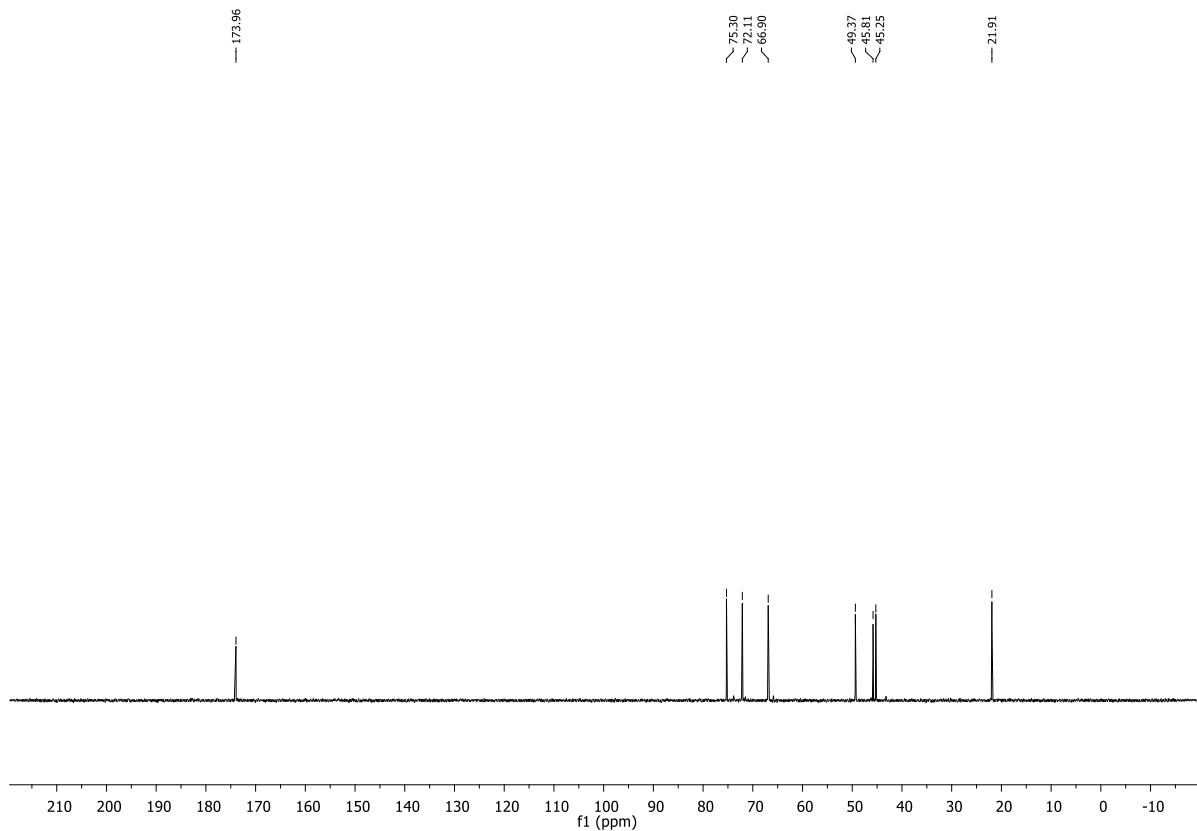
¹³C NMR spectrum of **16**, 100 MHz, CDCl₃



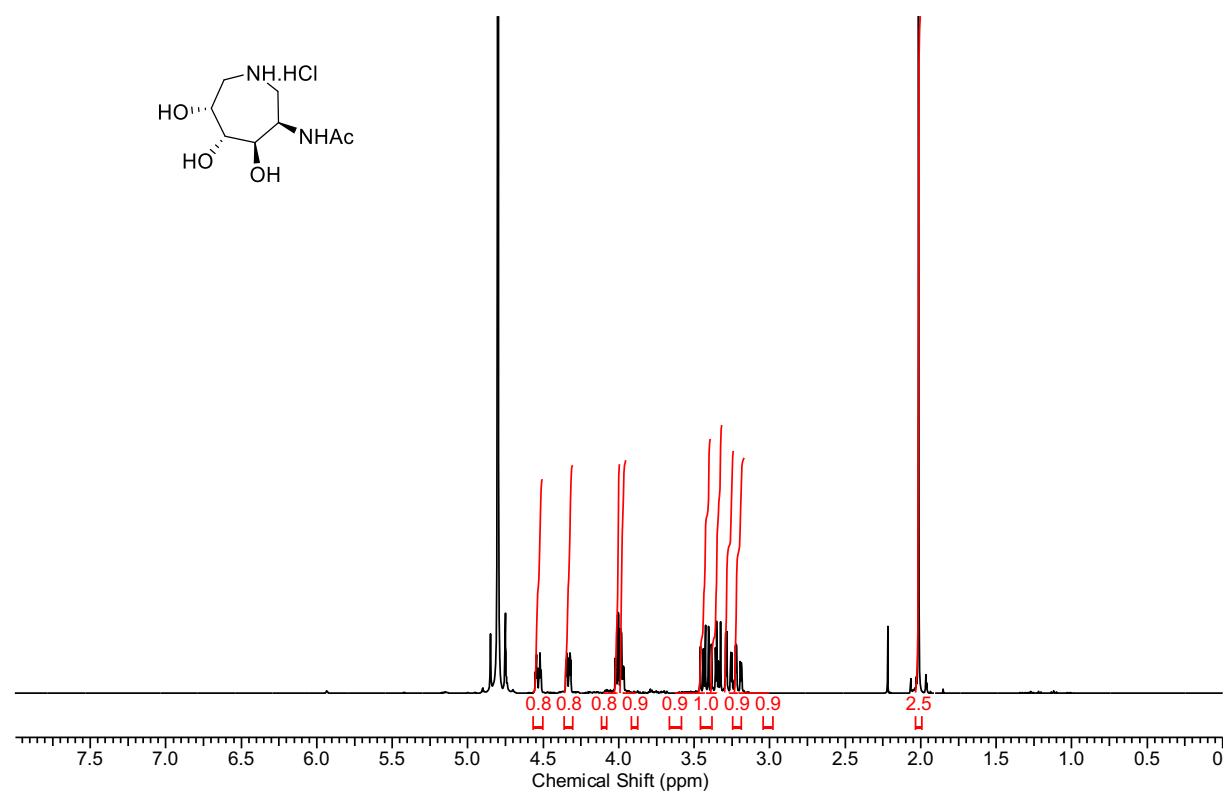
¹H NMR spectrum of **18**, 400 MHz, D₂O



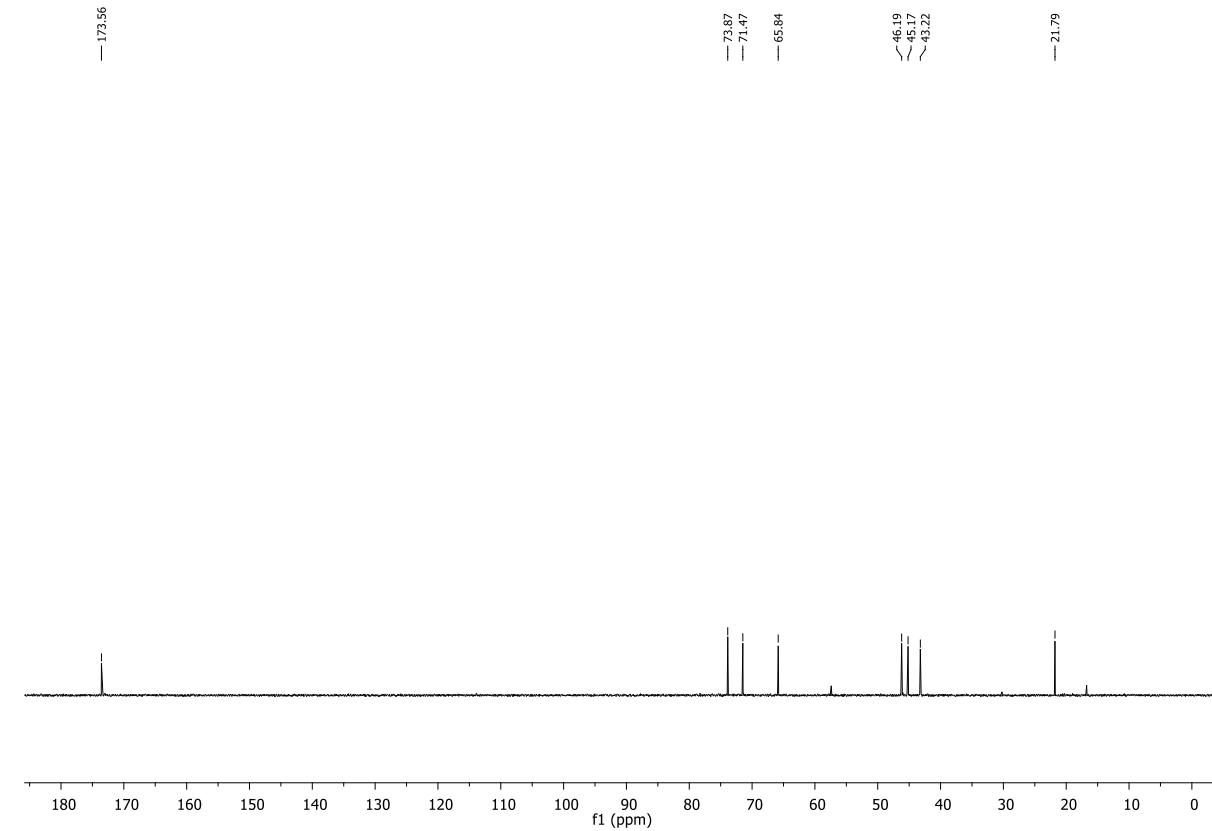
¹³C NMR spectrum of **18**, 100 MHz, D₂O



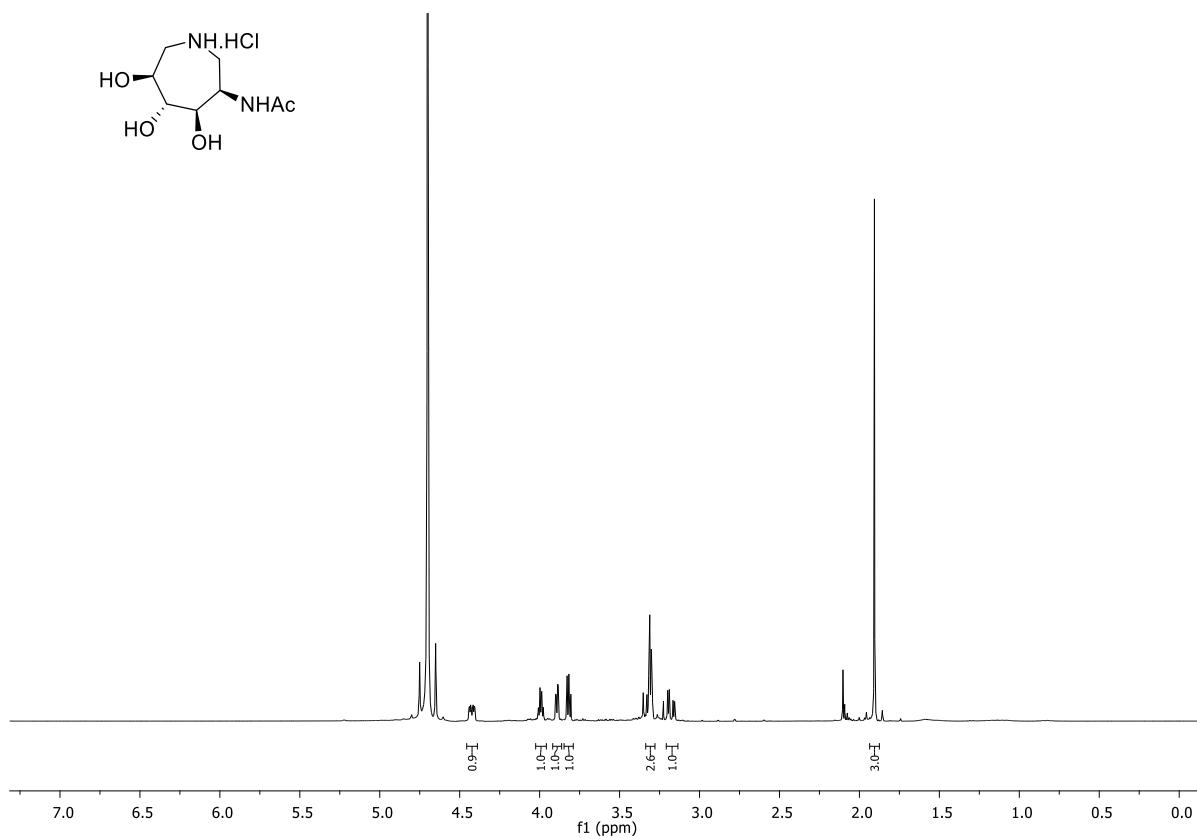
¹H NMR spectrum of **19**, 400 MHz, D₂O



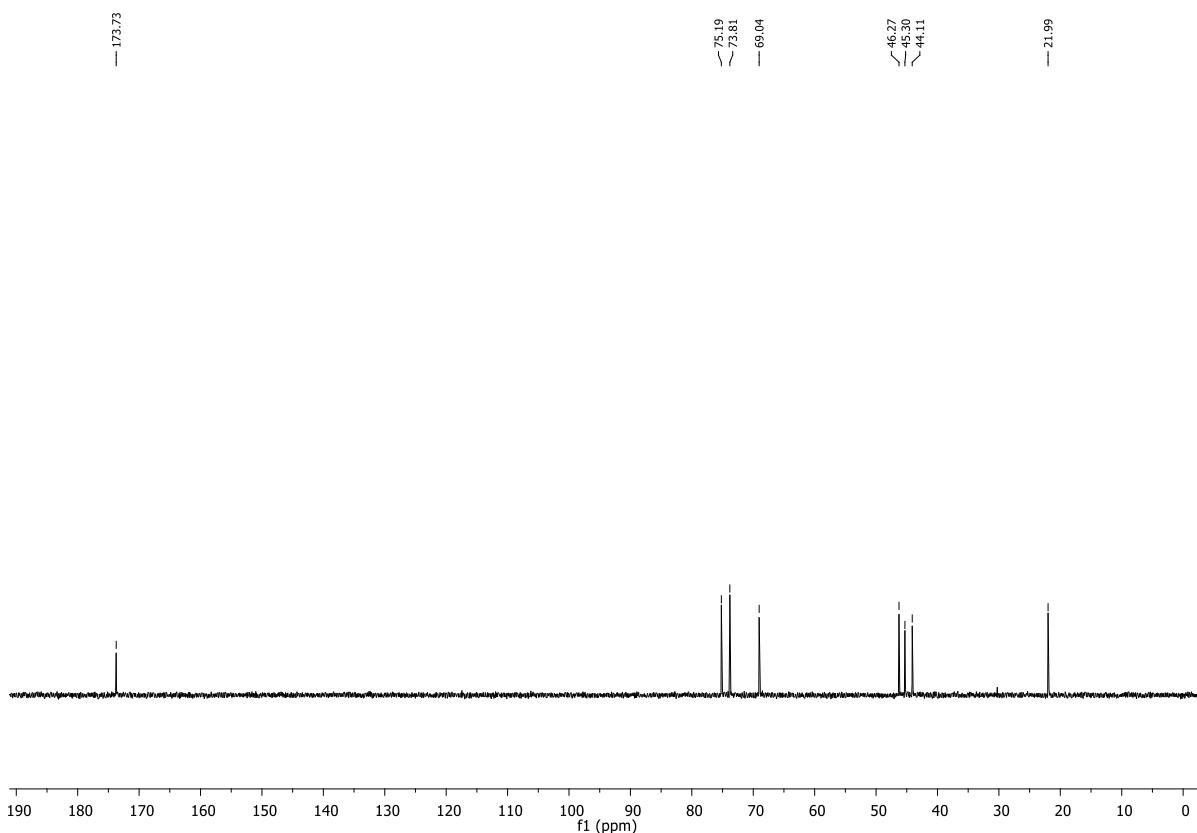
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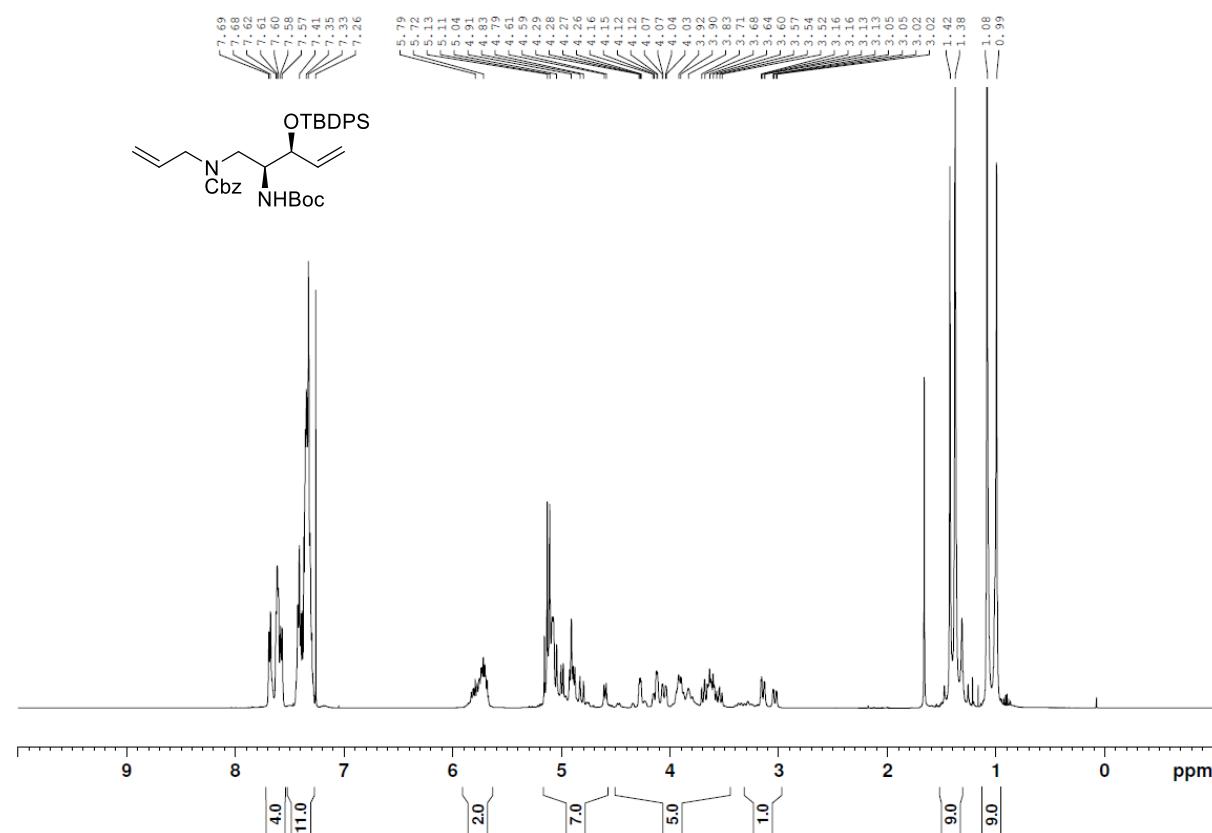
¹H NMR spectrum of **20**, 400 MHz, D₂O



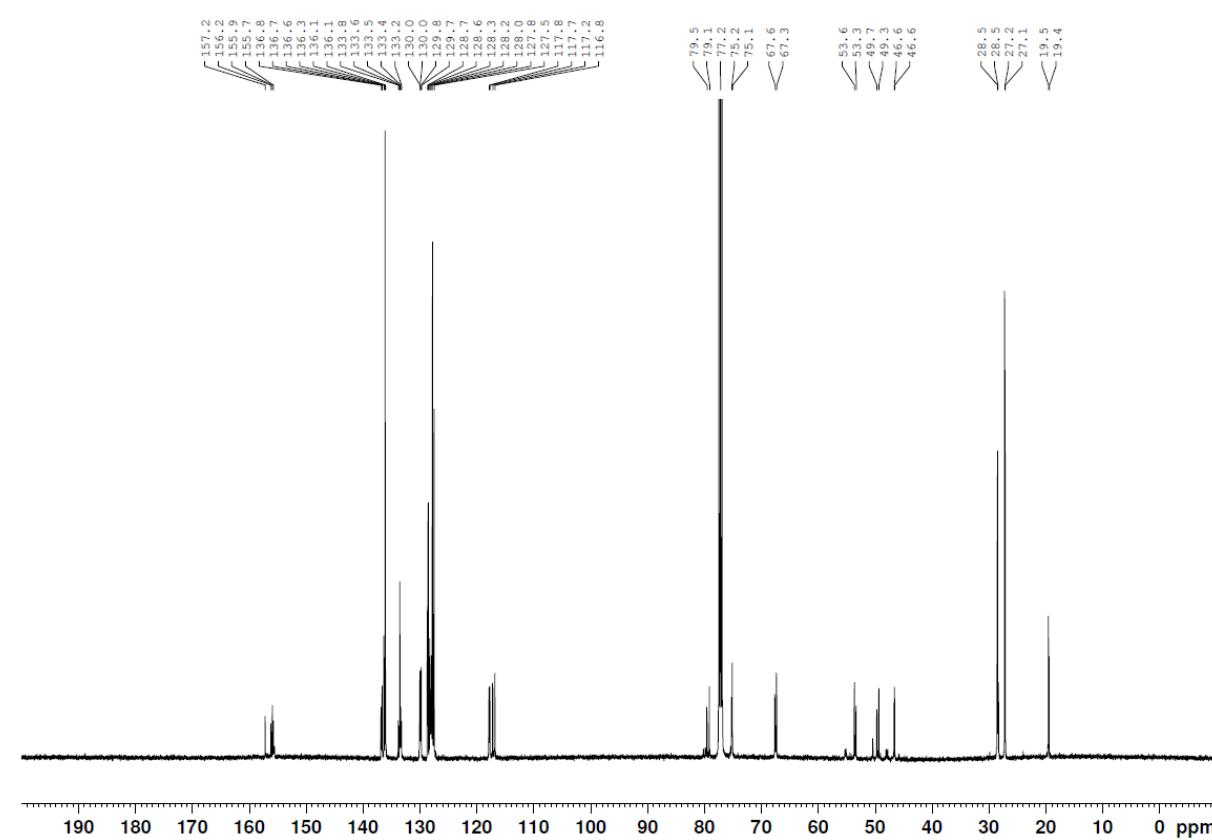
¹³C NMR spectrum of **20**, 100 MHz, D₂O



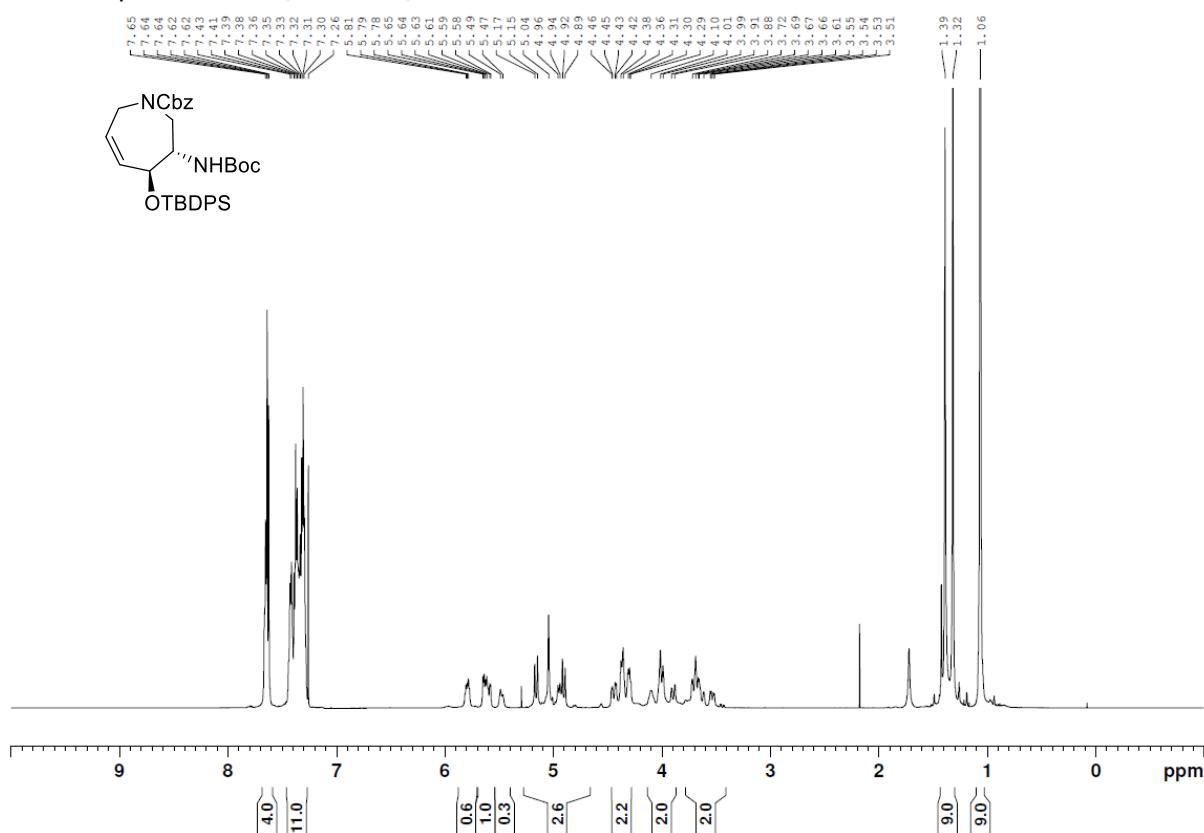
¹H NMR spectrum of **22**, 500 MHz, CDCl₃



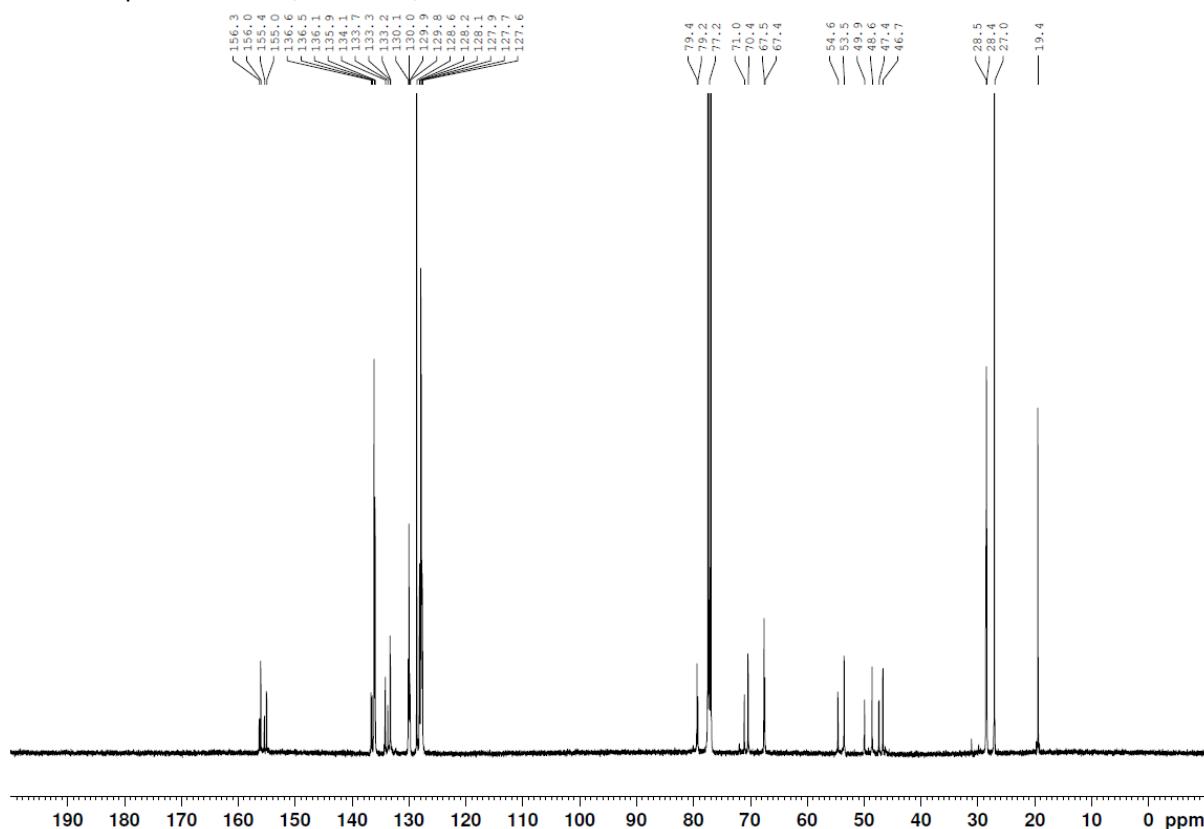
¹³C NMR spectrum of **22**, 125 MHz, CDCl₃



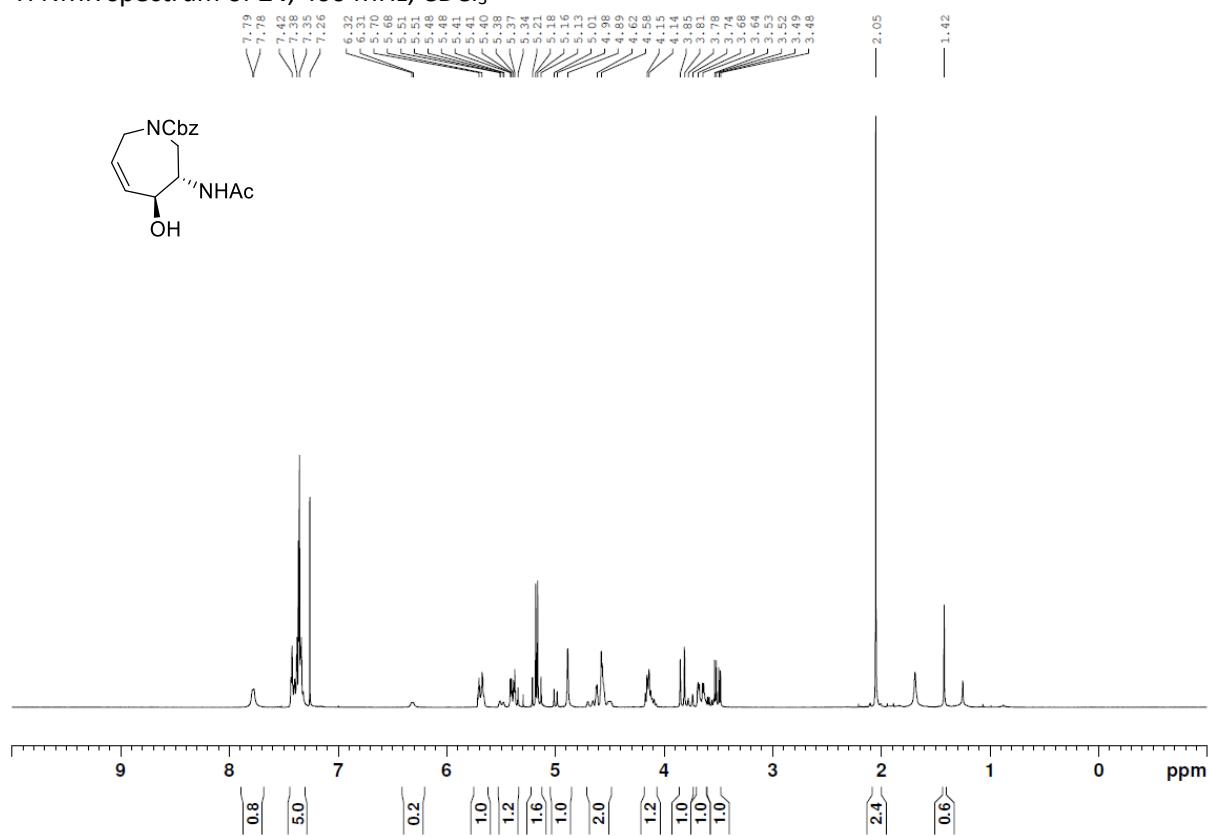
¹H NMR spectrum of **23**, 500 MHz, CDCl₃



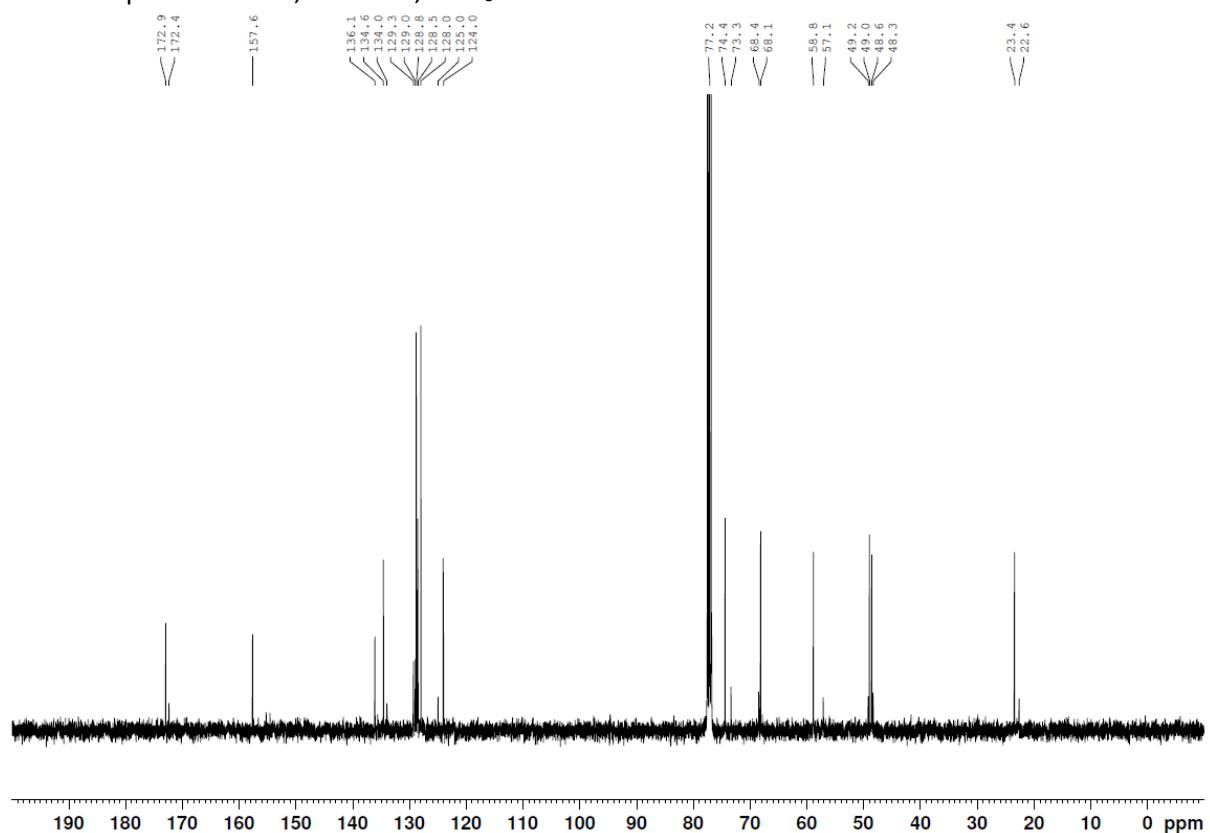
¹³C NMR spectrum of **23**, 125 MHz, CDCl₃



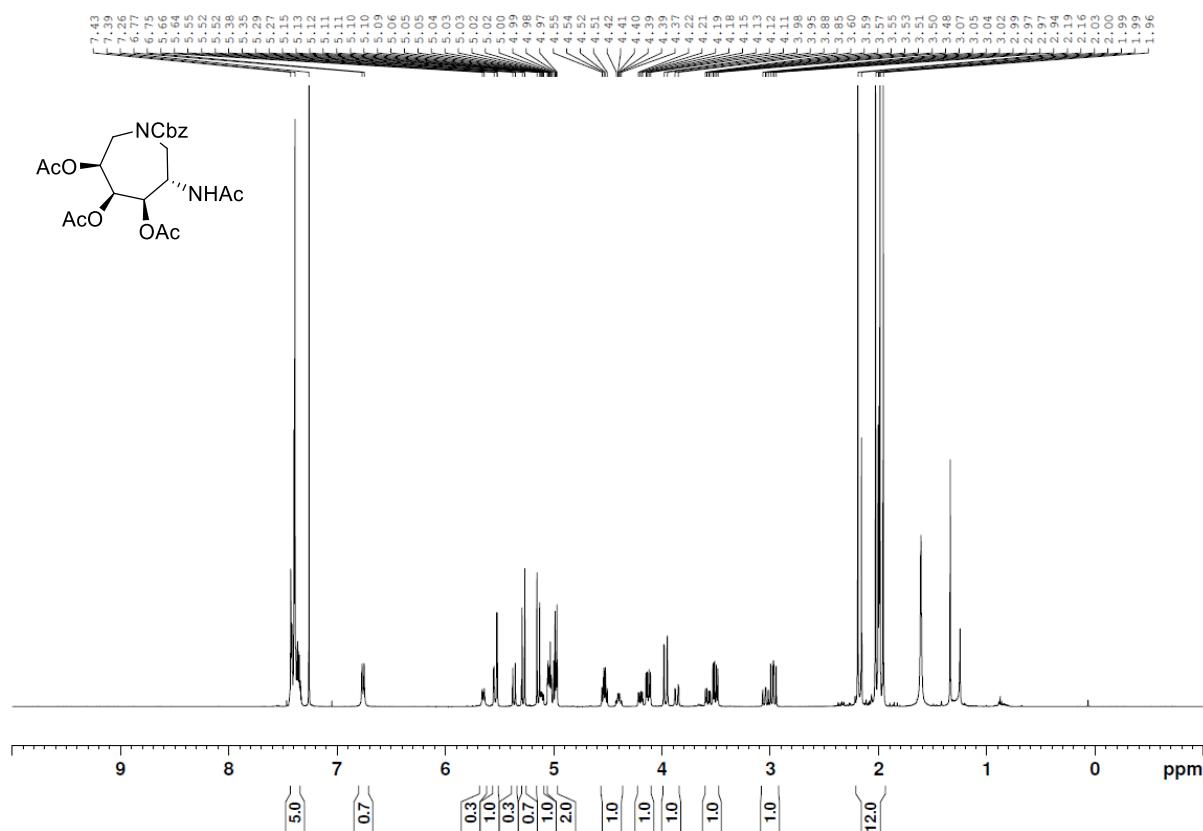
¹H NMR spectrum of **24**, 400 MHz, CDCl₃



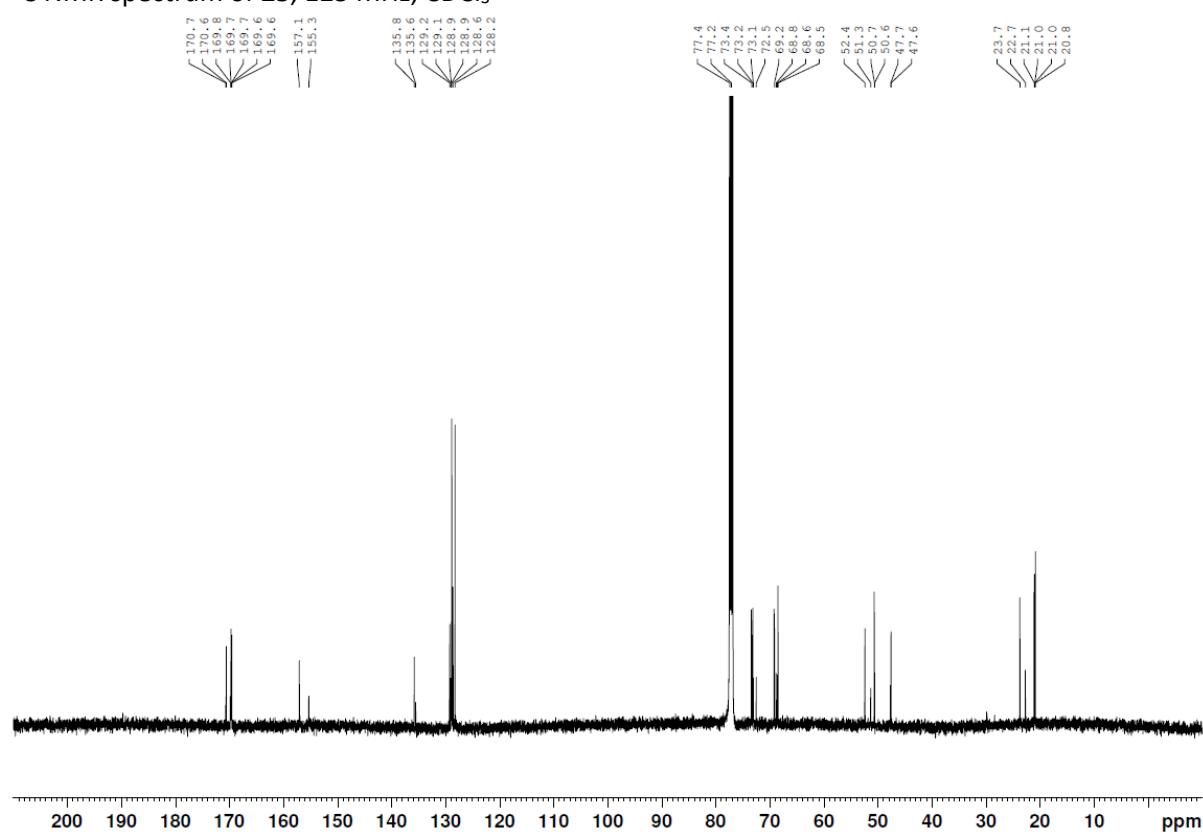
¹³C NMR spectrum of **24**, 100 MHz, CDCl₃



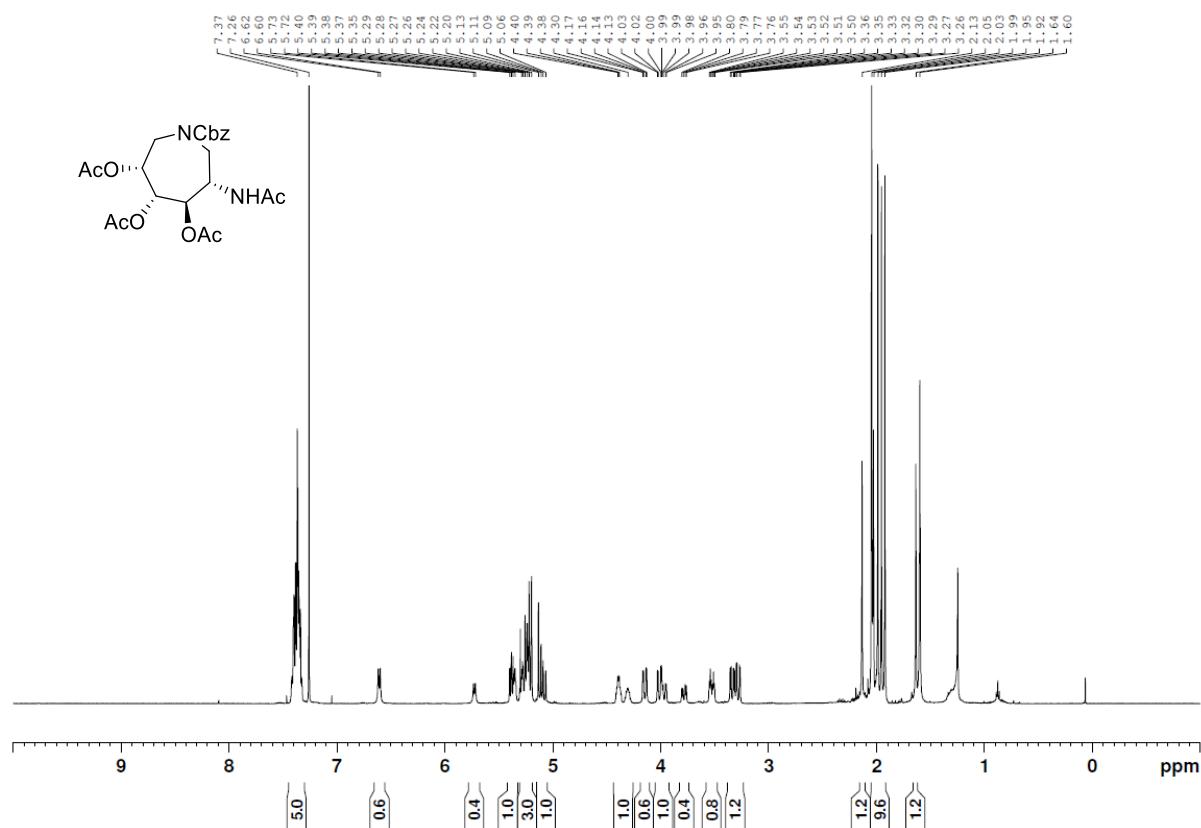
¹H NMR spectrum of **25**, 500 MHz, CDCl₃



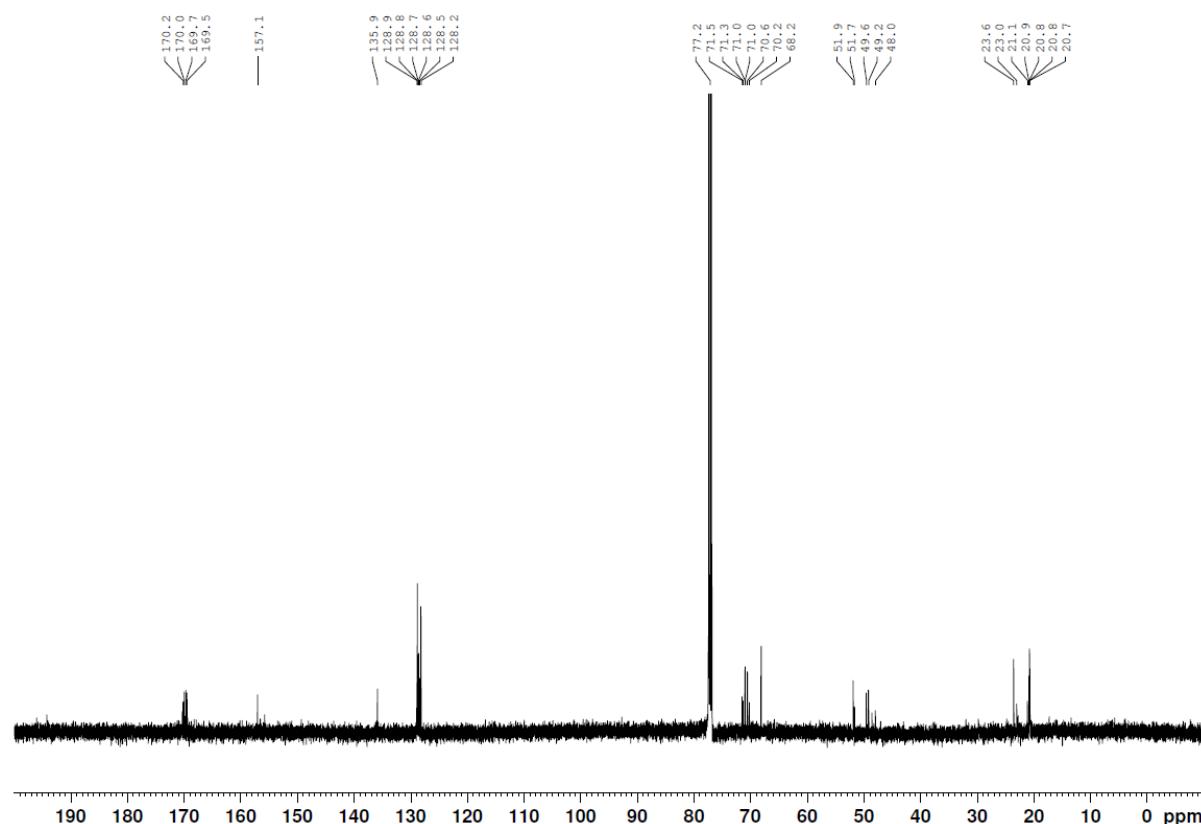
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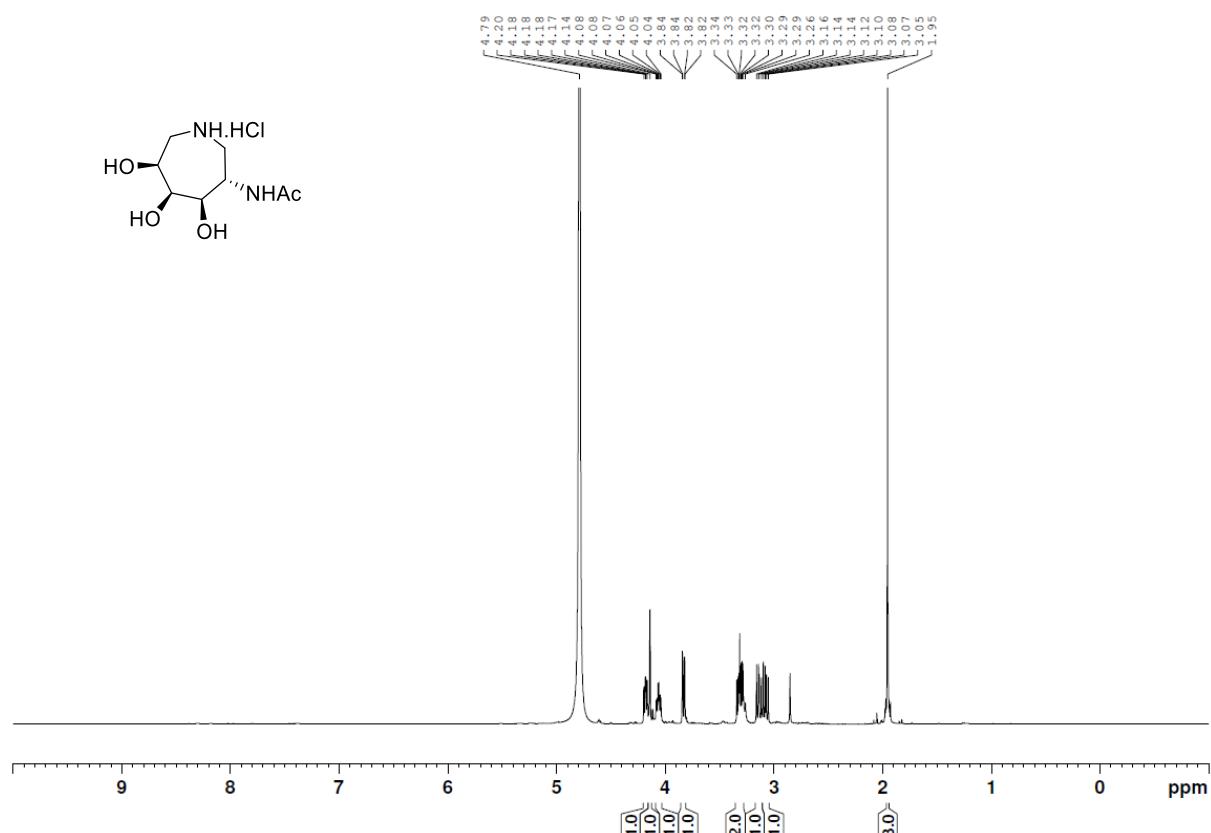
¹H NMR spectrum of **26**, 500 MHz, CDCl₃



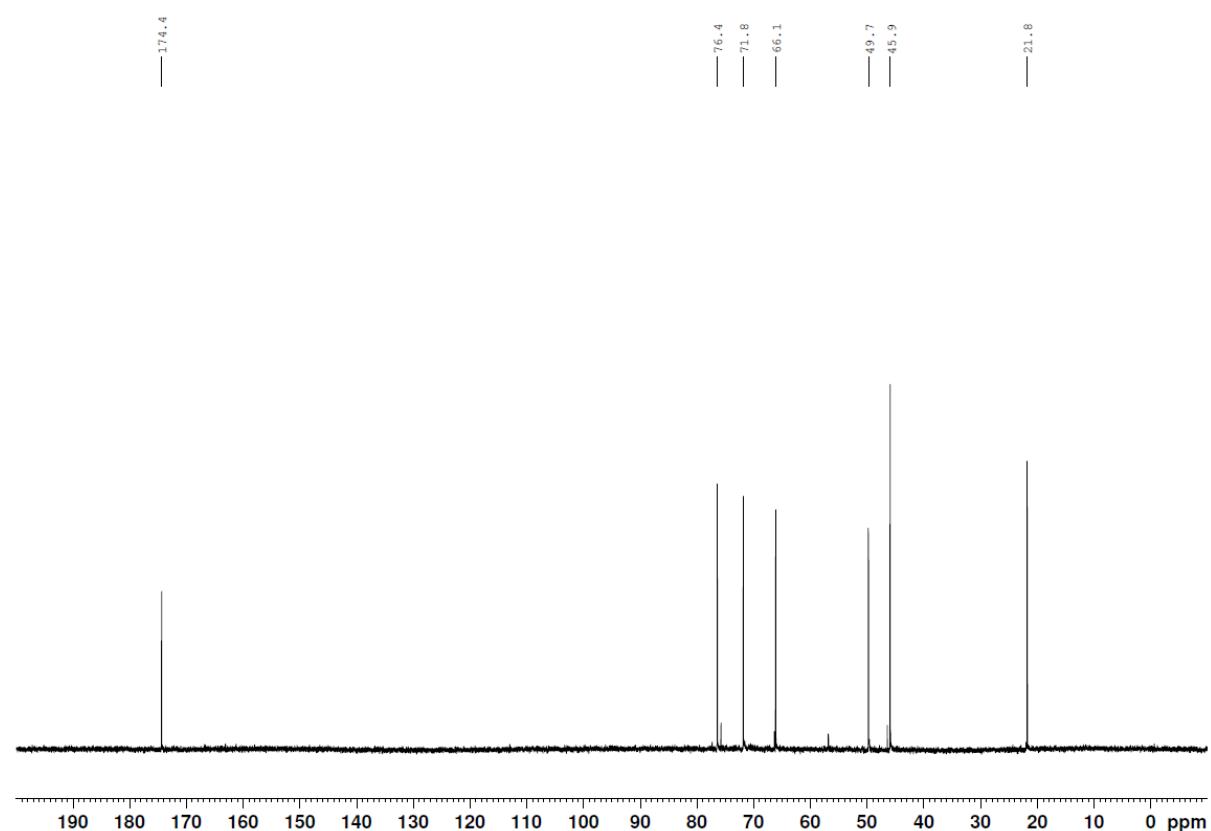
¹³C NMR spectrum of **26**, 125 MHz, CDCl₃



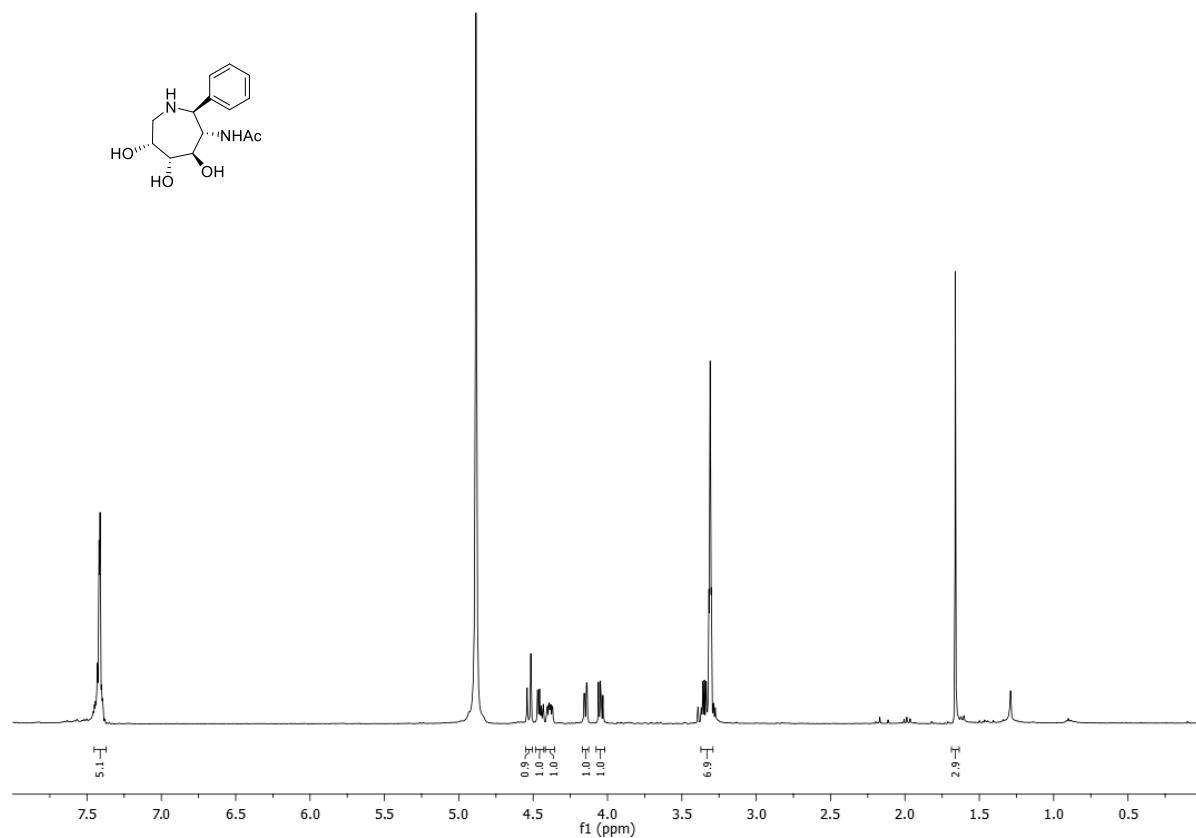
¹H NMR spectrum of **27**, 500 MHz, D₂O



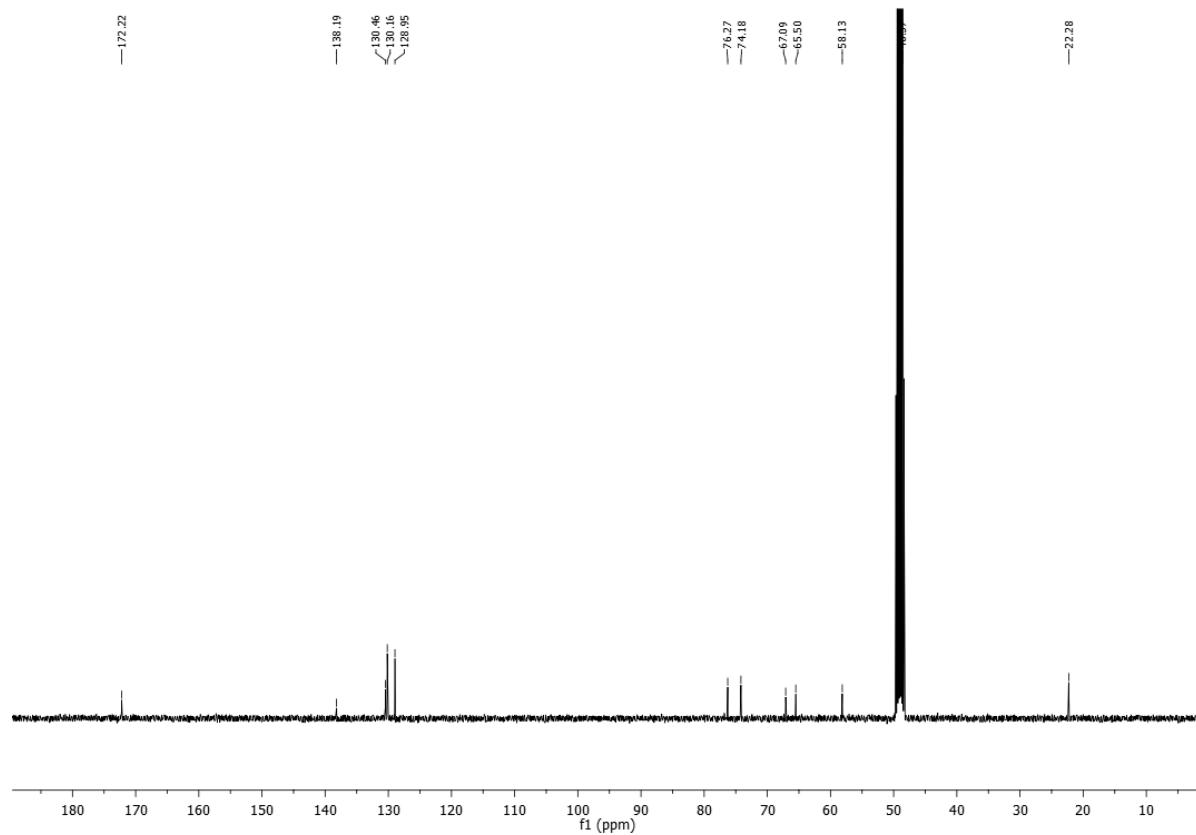
¹³C NMR spectrum of **27**, 125 MHz, D₂O



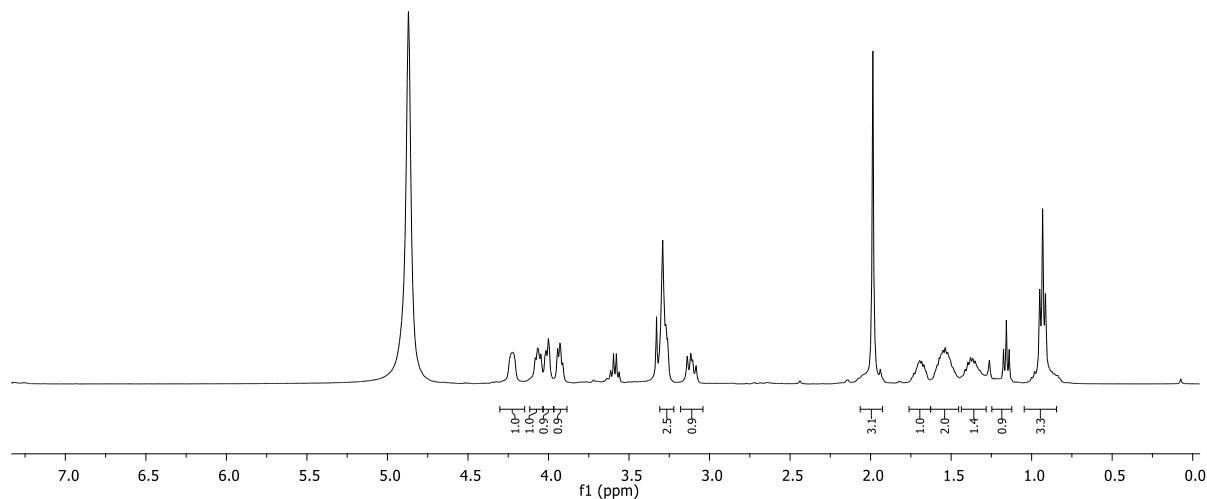
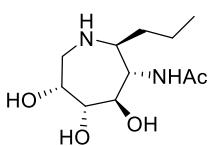
¹H NMR spectrum of **31**, 400 MHz, CD₃OD



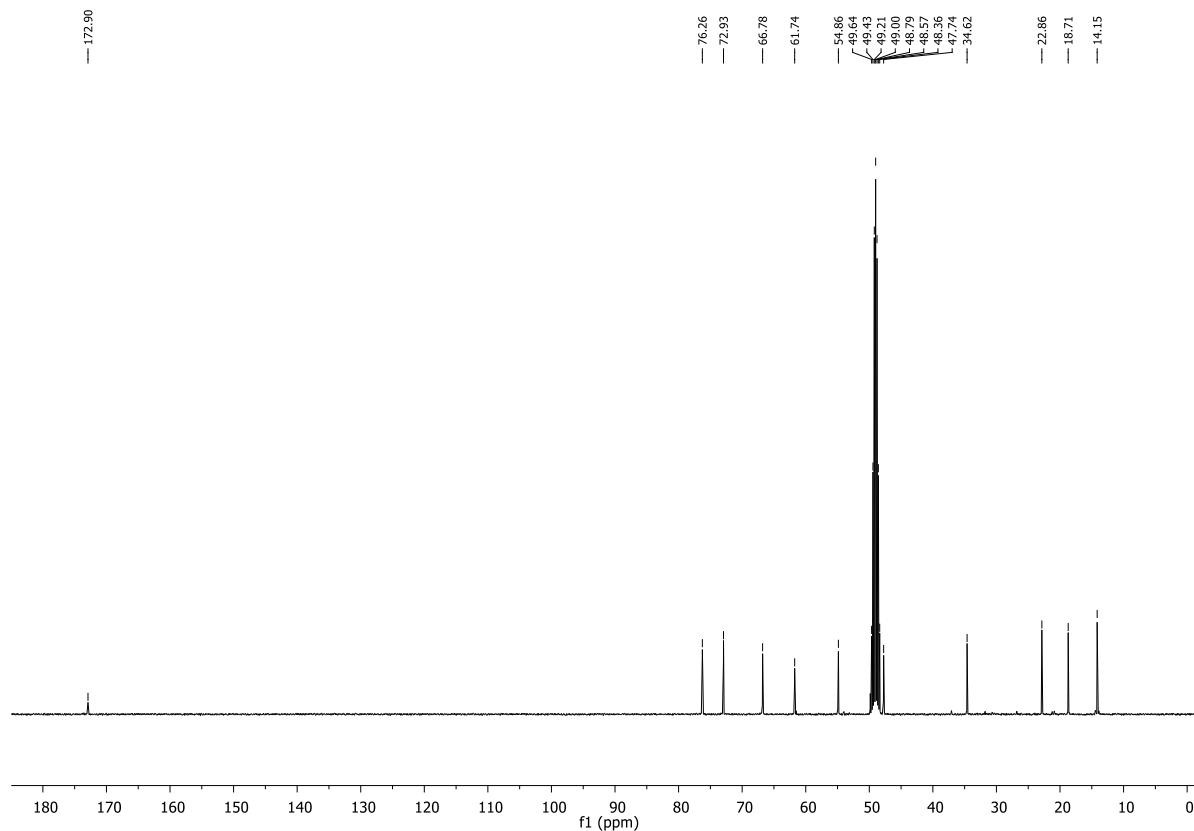
¹³C NMR spectrum of **31**, 100 MHz, CD₃OD



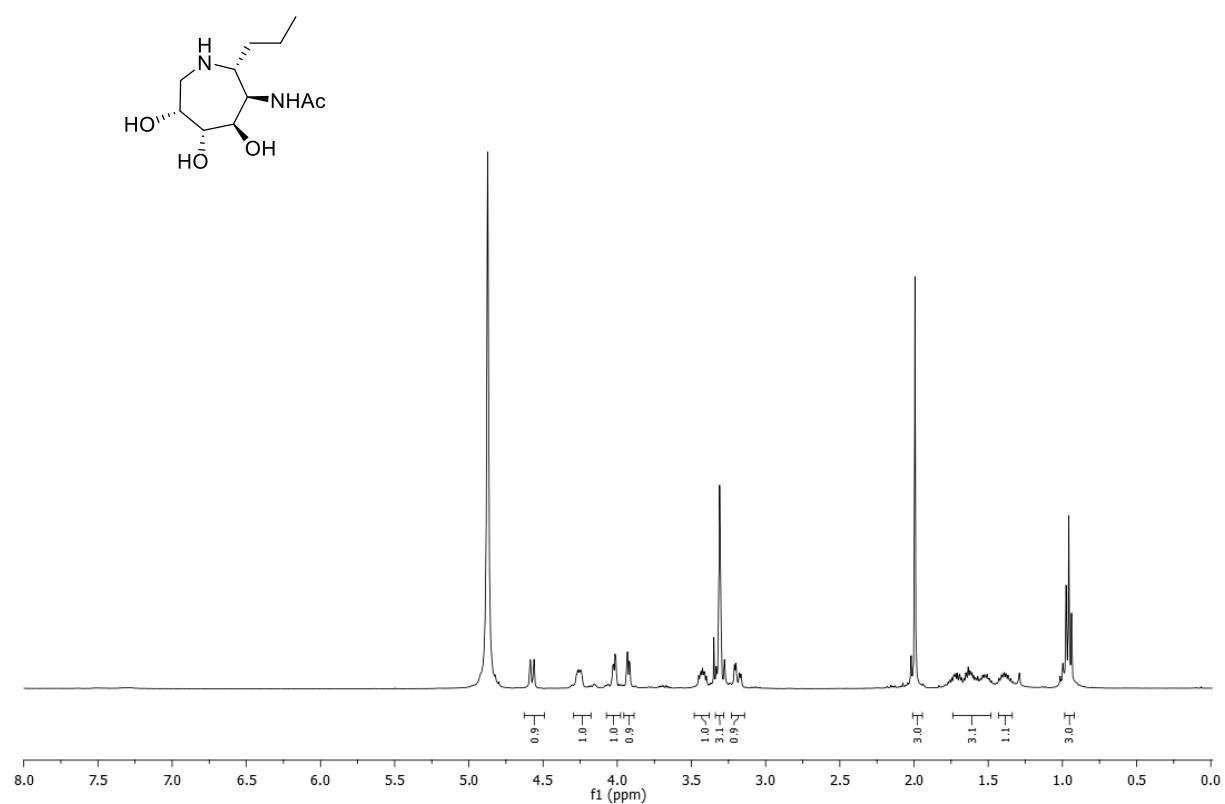
¹H NMR spectrum of **32**, 400 MHz, CD₃OD



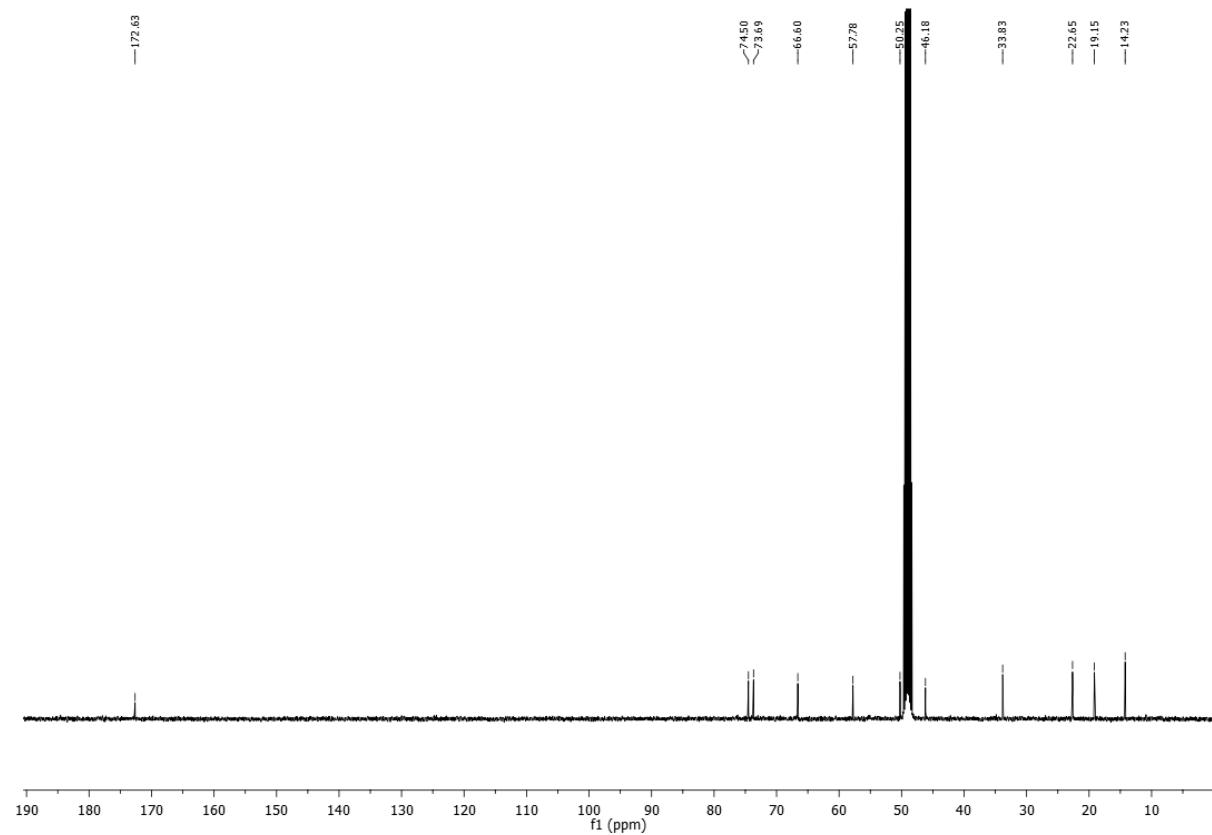
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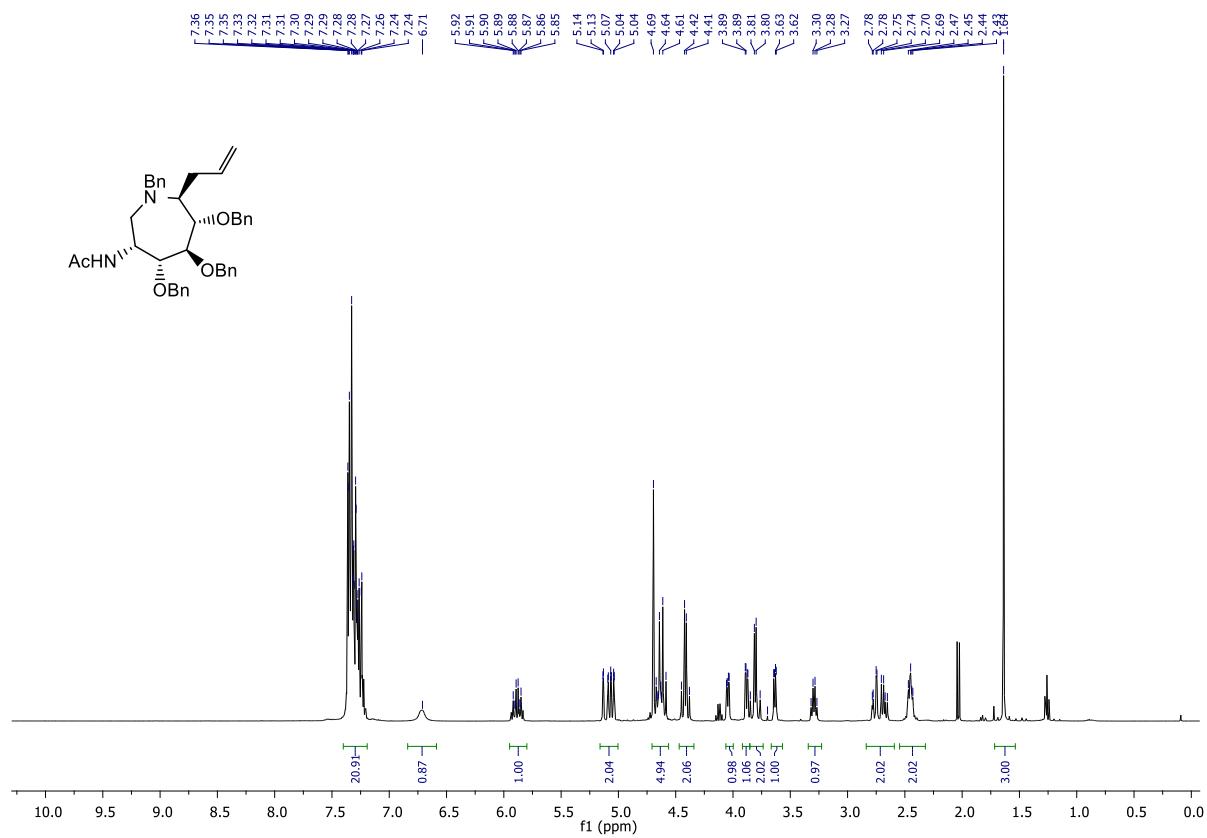
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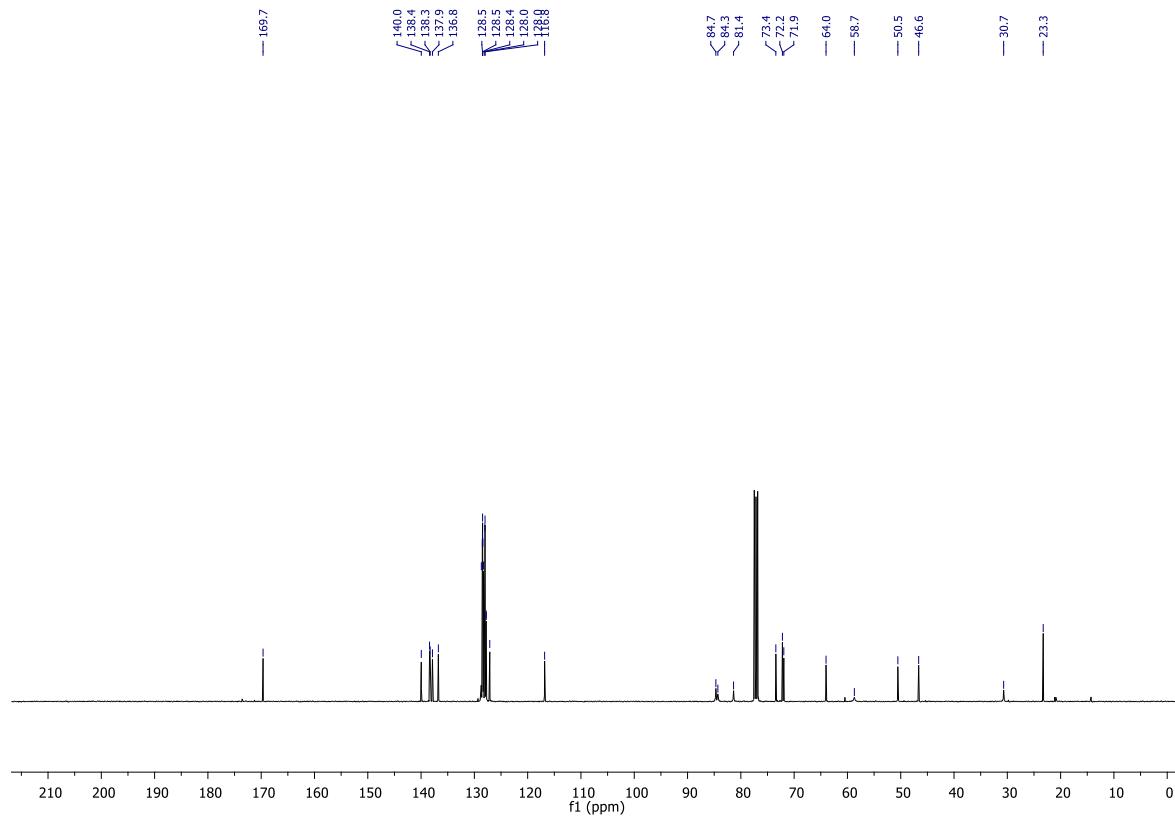
¹³C NMR spectrum of **33**, 100 MHz, CD₃OD



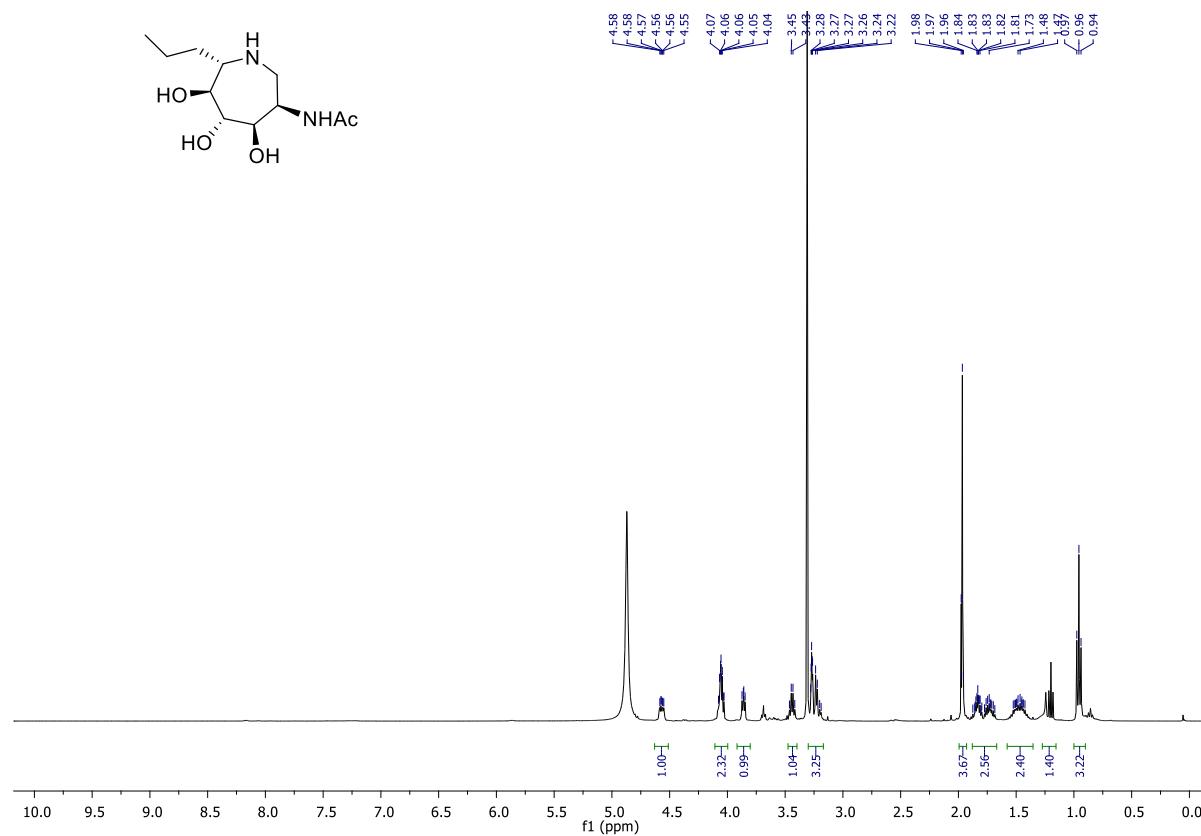
¹H NMR spectrum of **35**, 400 MHz, CDCl₃



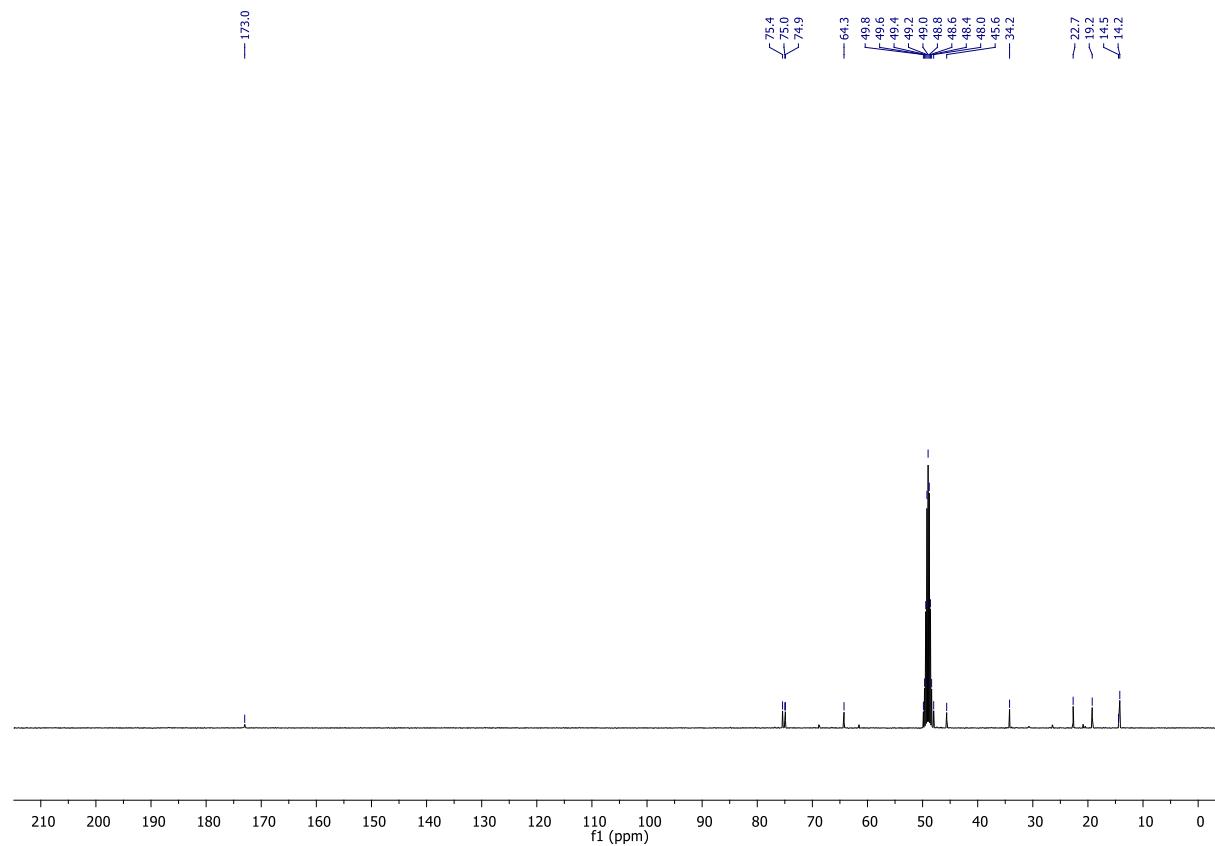
¹³C NMR spectrum of **35**, 100 MHz, CDCl₃



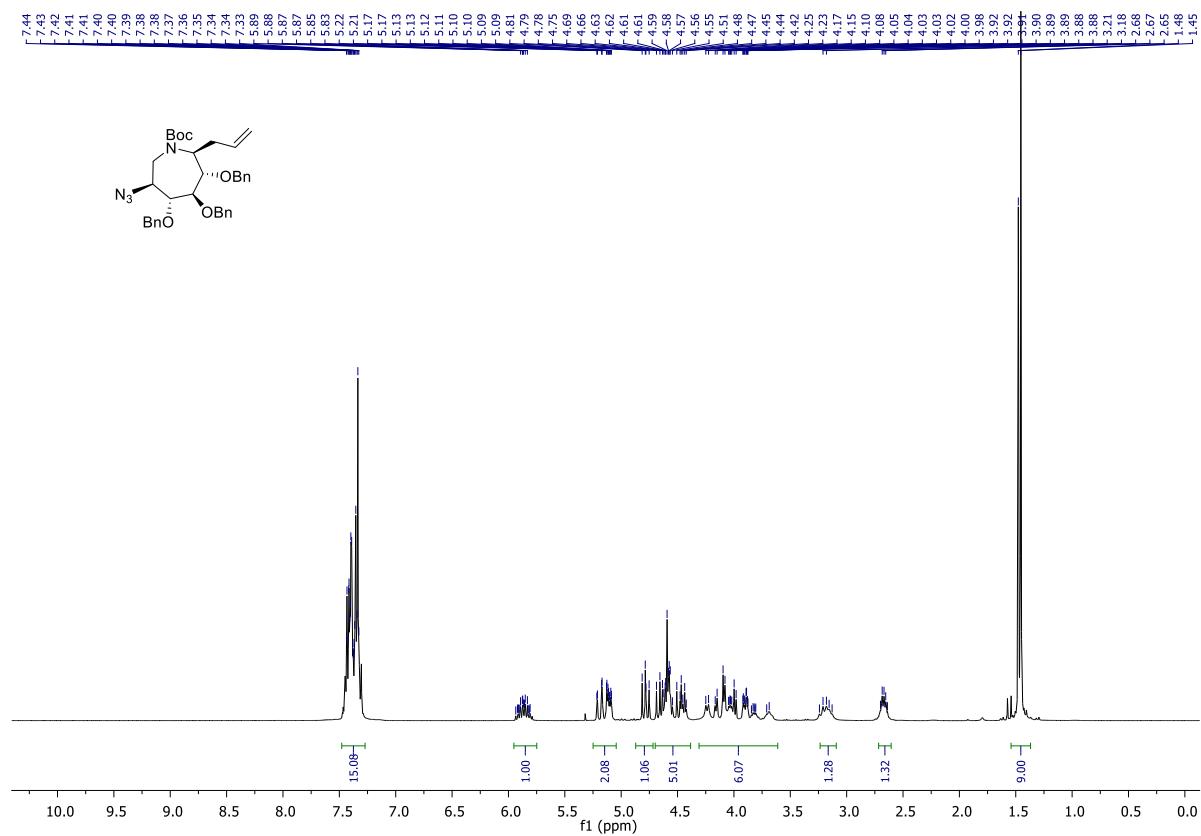
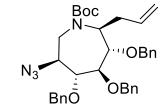
¹H NMR spectrum of **36**, 400 MHz, CD₃OD



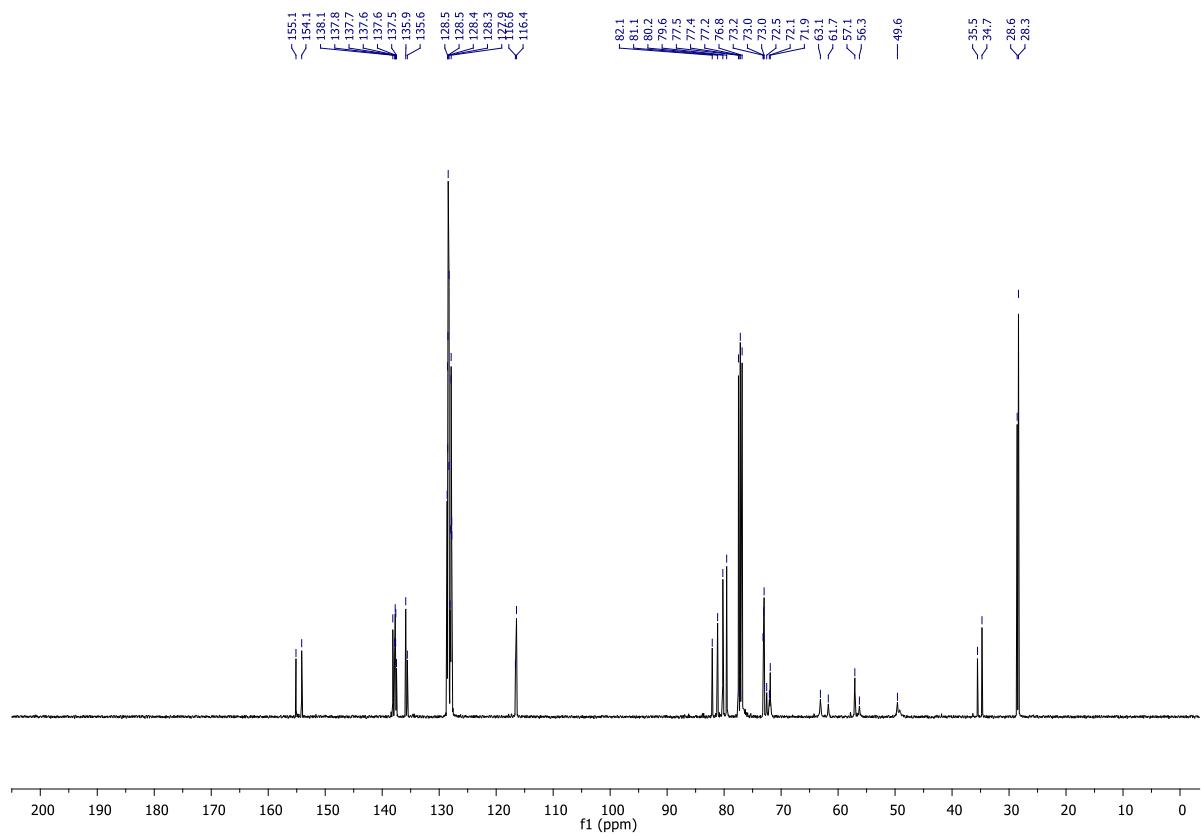
¹³C NMR spectrum of **36**, 100 MHz, CD₃OD



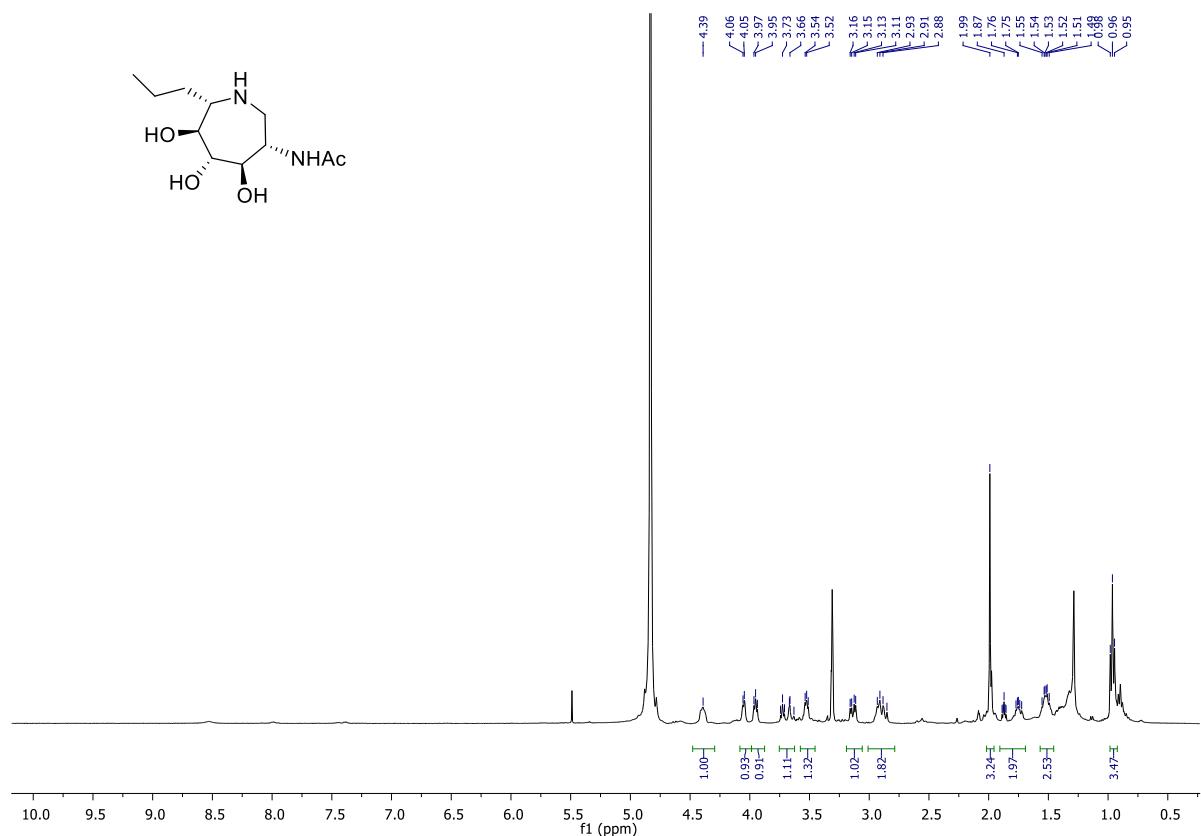
¹H NMR spectrum of **38**, 400 MHz, CDCl₃



¹³C NMR spectrum of **38**, 100 MHz, CDCl₃



¹H NMR spectrum of **39**, 400 MHz, CD₃OD



¹³C NMR spectrum of **39**, 100 MHz, CD₃OD

