

Supporting Information

Design and synthesis of helical *N*-terminal L-prolyl oligopeptides possessing hydrocarbon stapling

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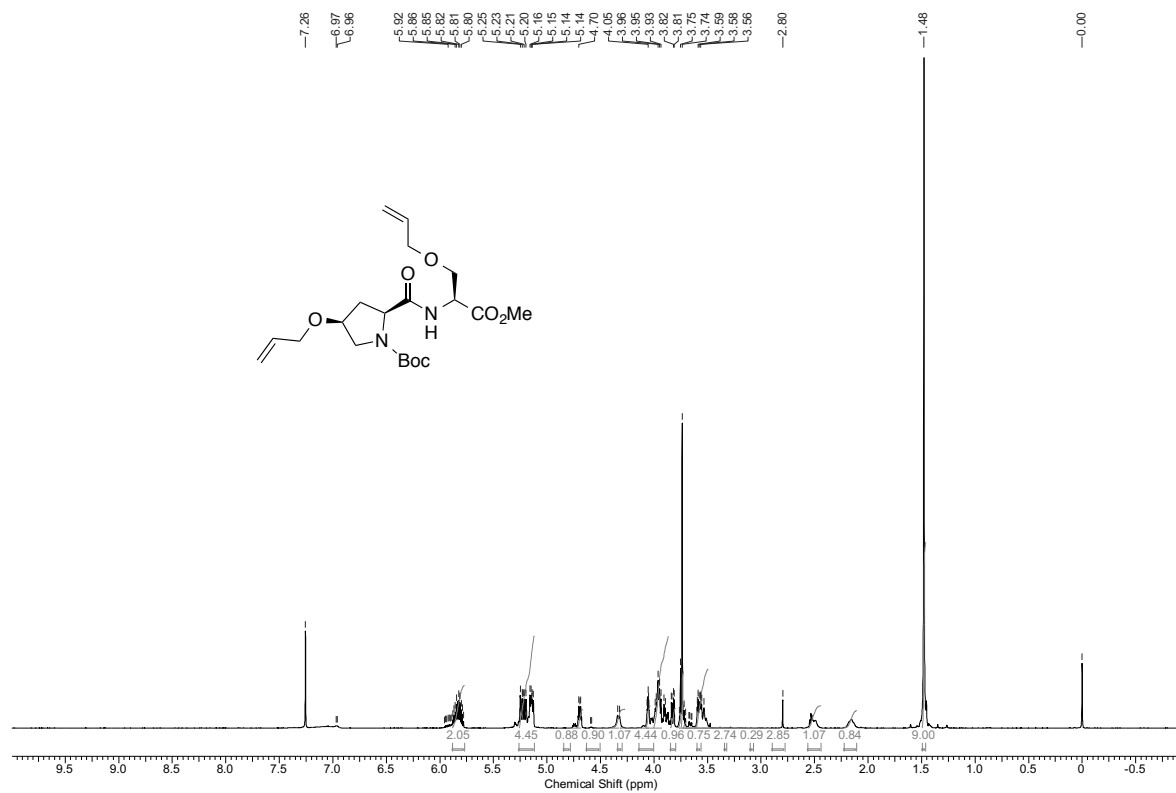
E-mail for M.T.: matanaka@nagasaki-u.ac.jp

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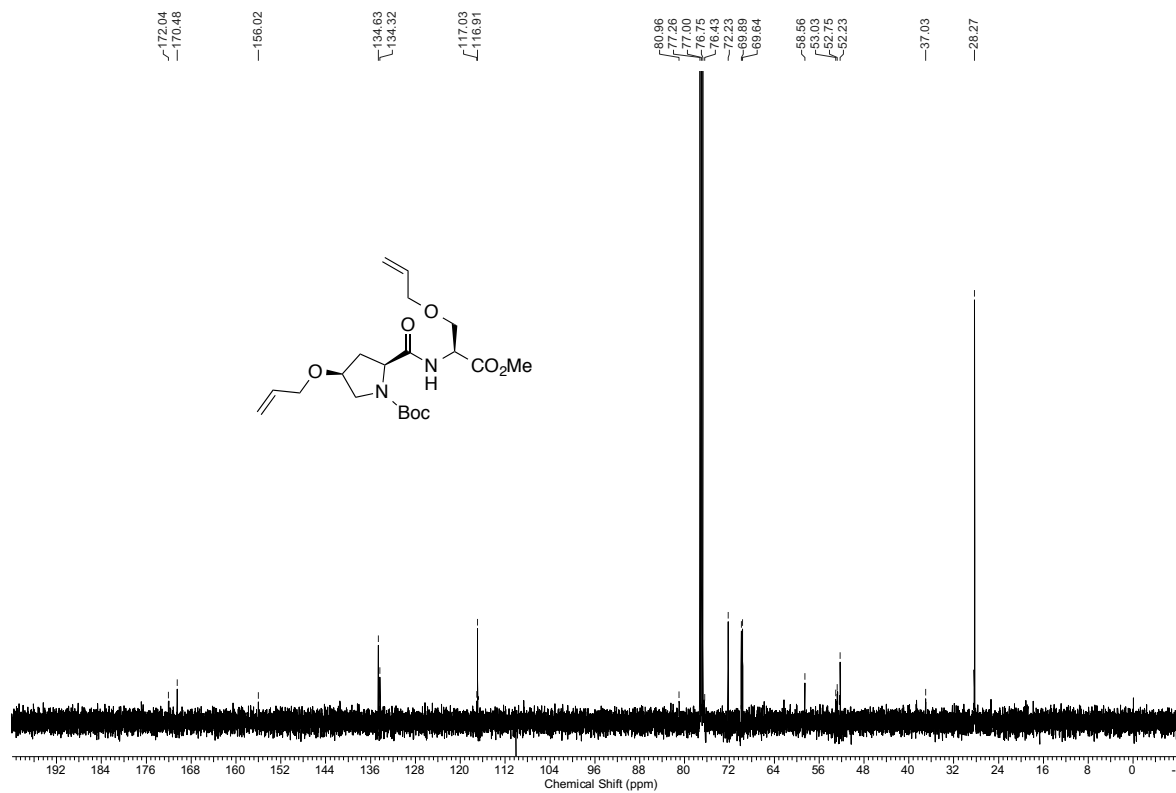
1. Copies of ^1H and ^{13}C NMR spectra	S2
2. HPLC chart of compound 23	S20

1. NMR spectra.

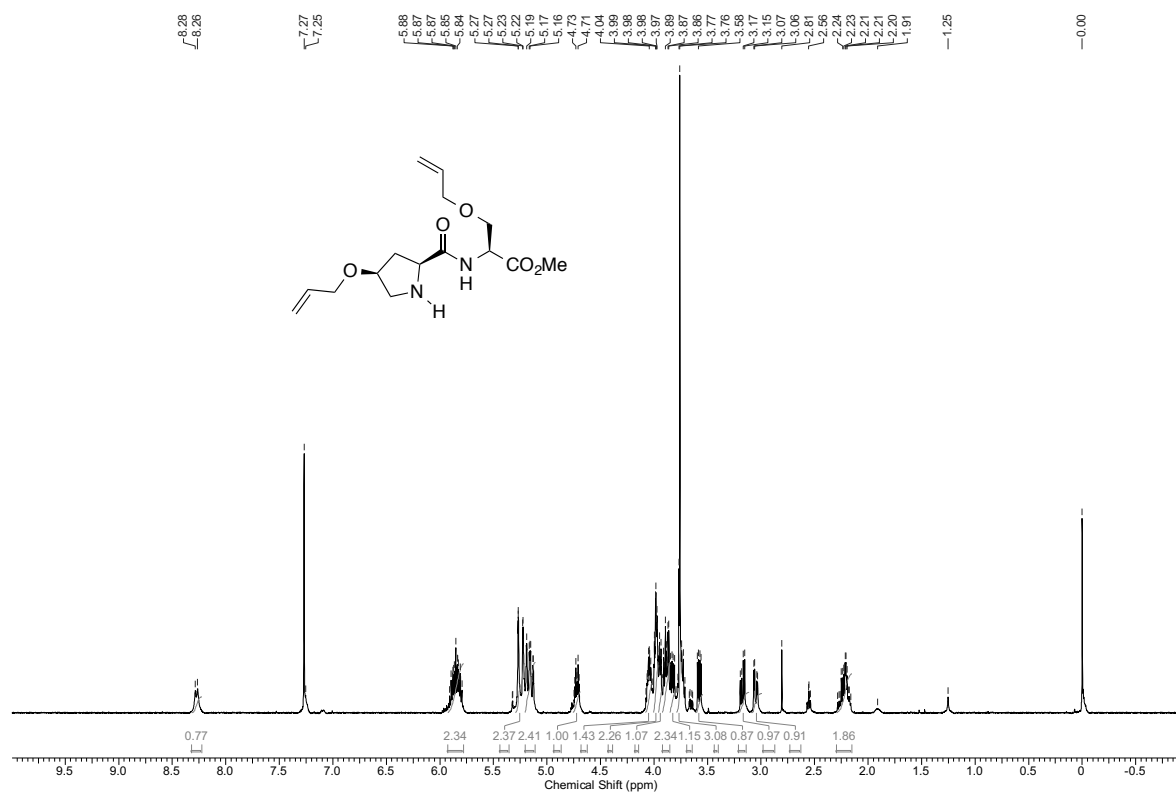
^1H NMR of **3** (500 MHz, CDCl_3)



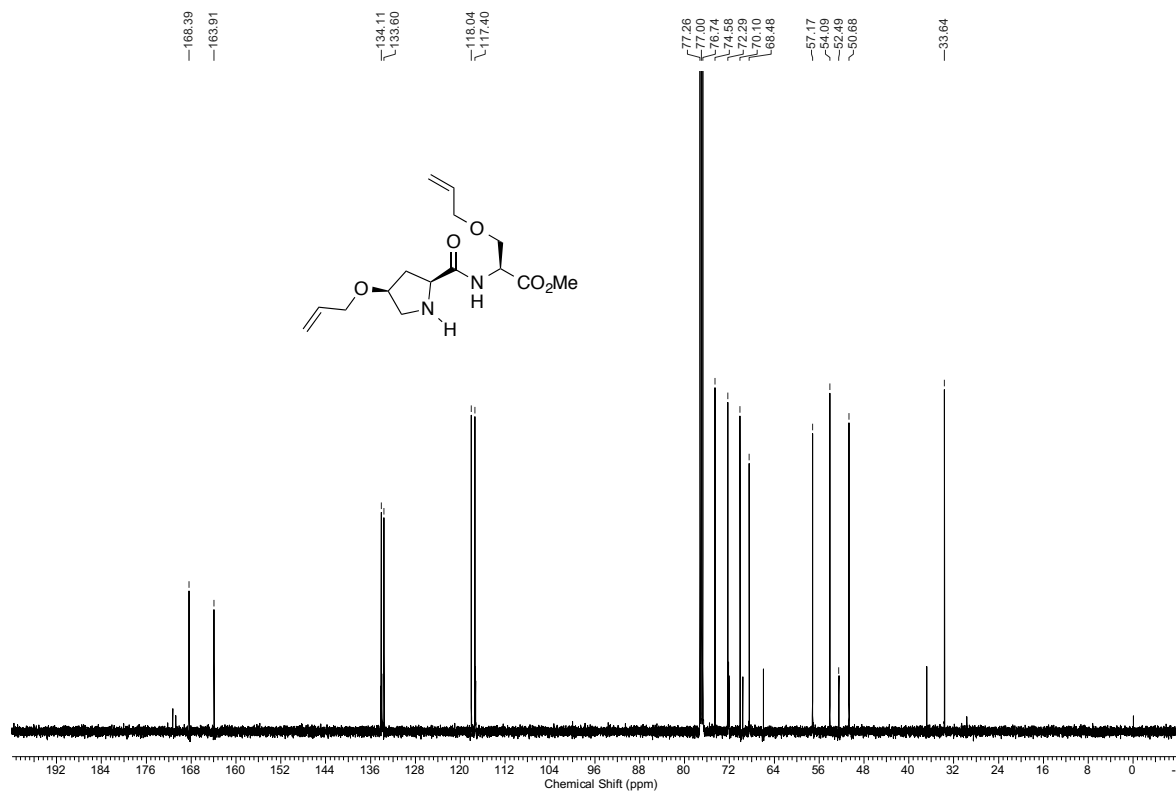
^{13}C NMR of **3** (125 MHz, CDCl_3)



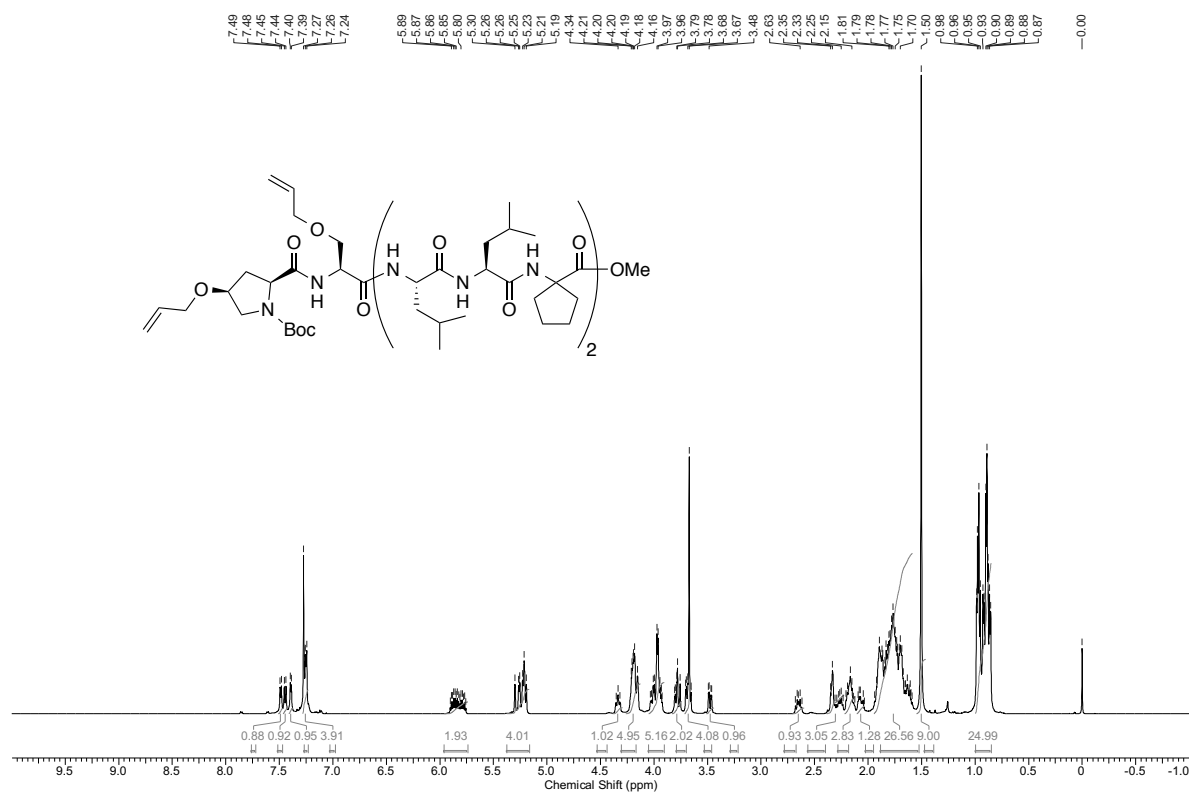
¹H NMR of A (500 MHz, CDCl₃)



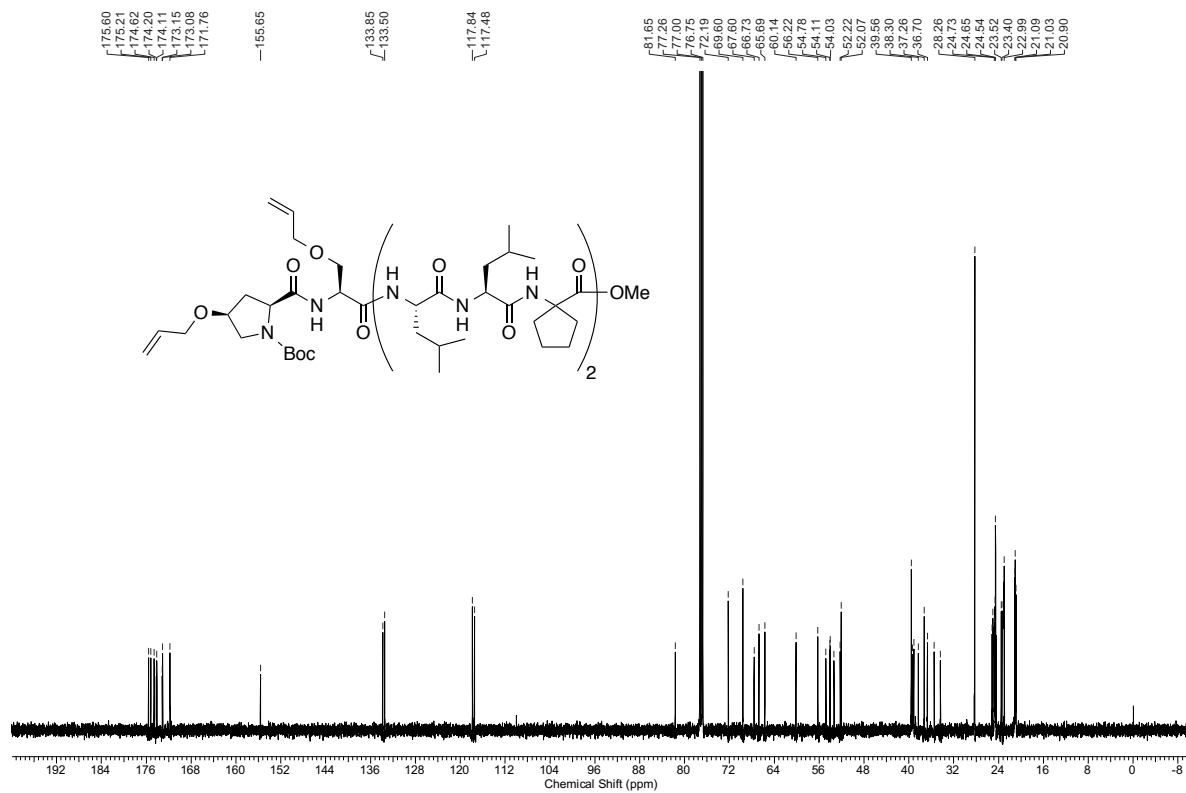
¹³C NMR of A (125 MHz, CDCl₃)



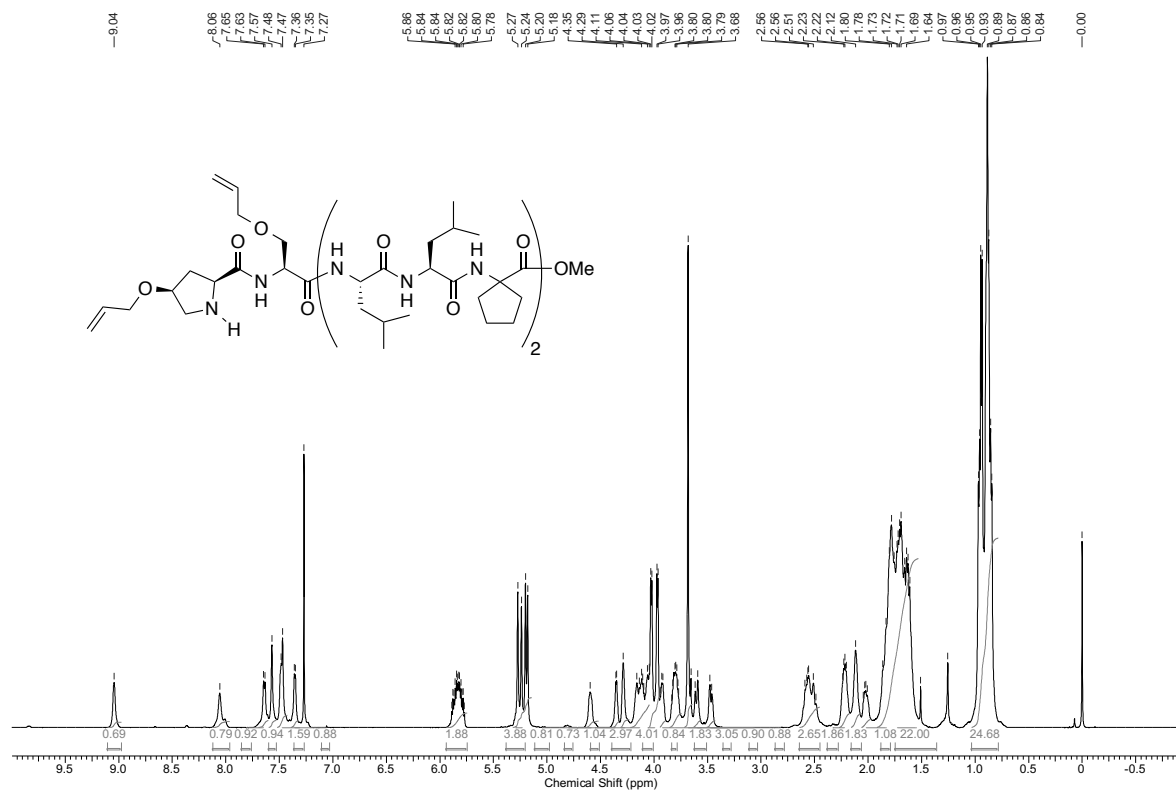
¹H NMR of **4** (500 MHz, CDCl₃)



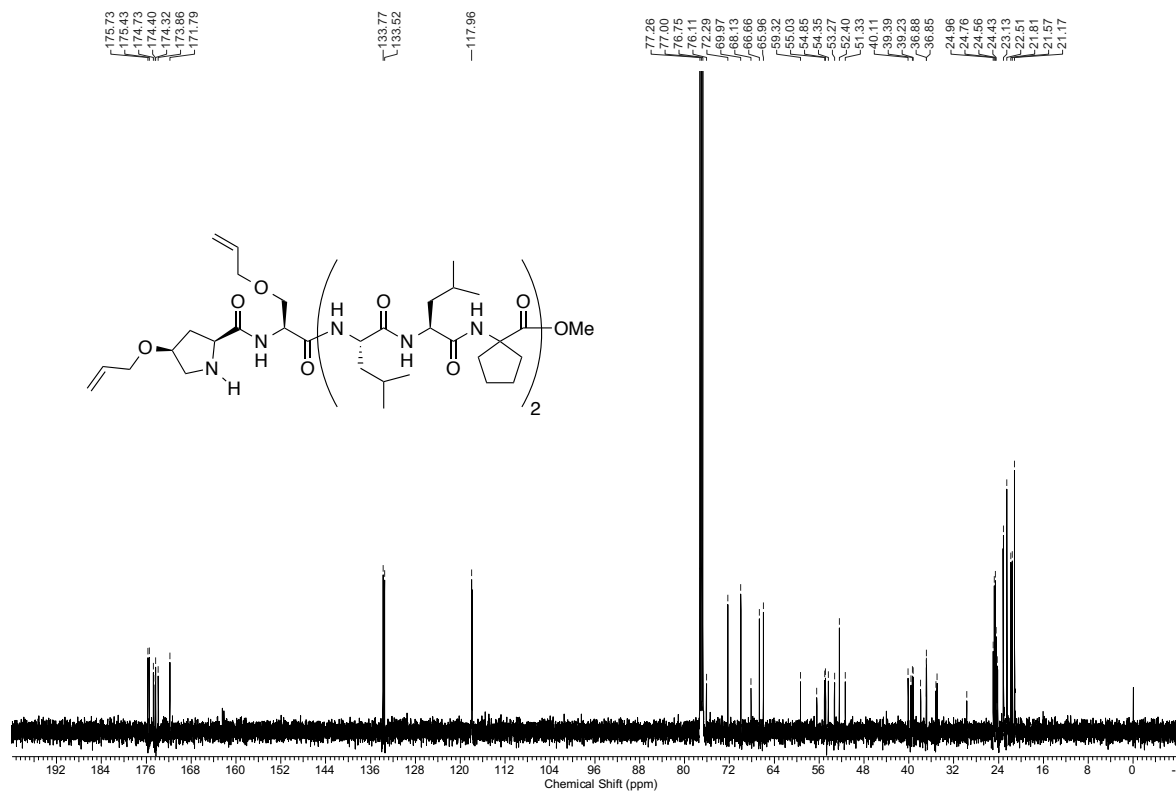
¹³C NMR of **4** (125 MHz, CDCl₃)



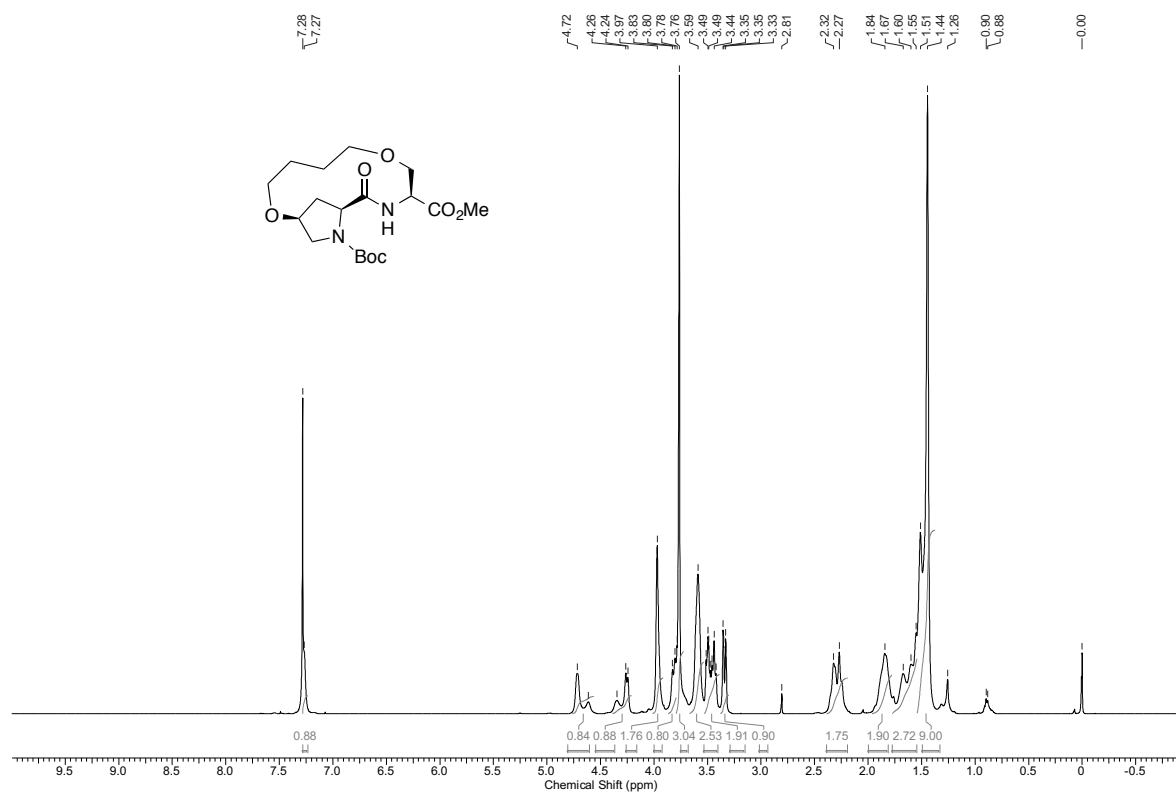
¹H NMR of **B** (500 MHz, CDCl₃)



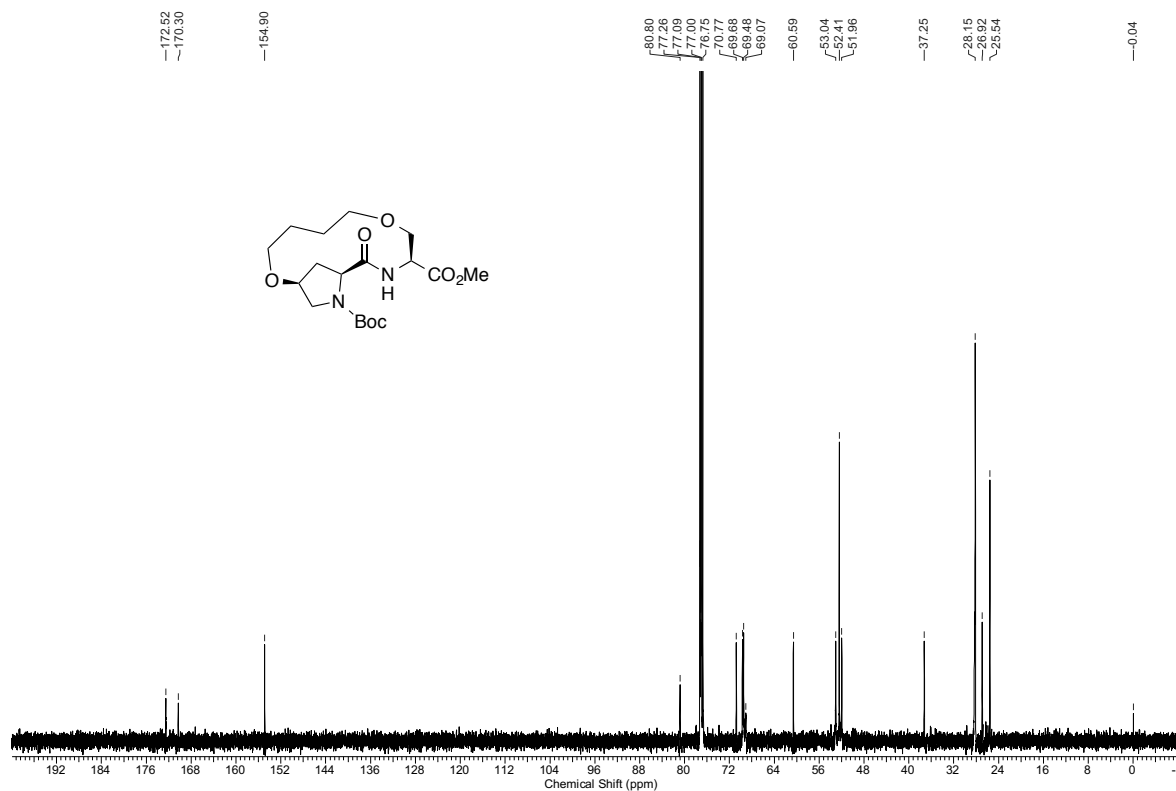
¹³C NMR of **B** (125 MHz, CDCl₃)



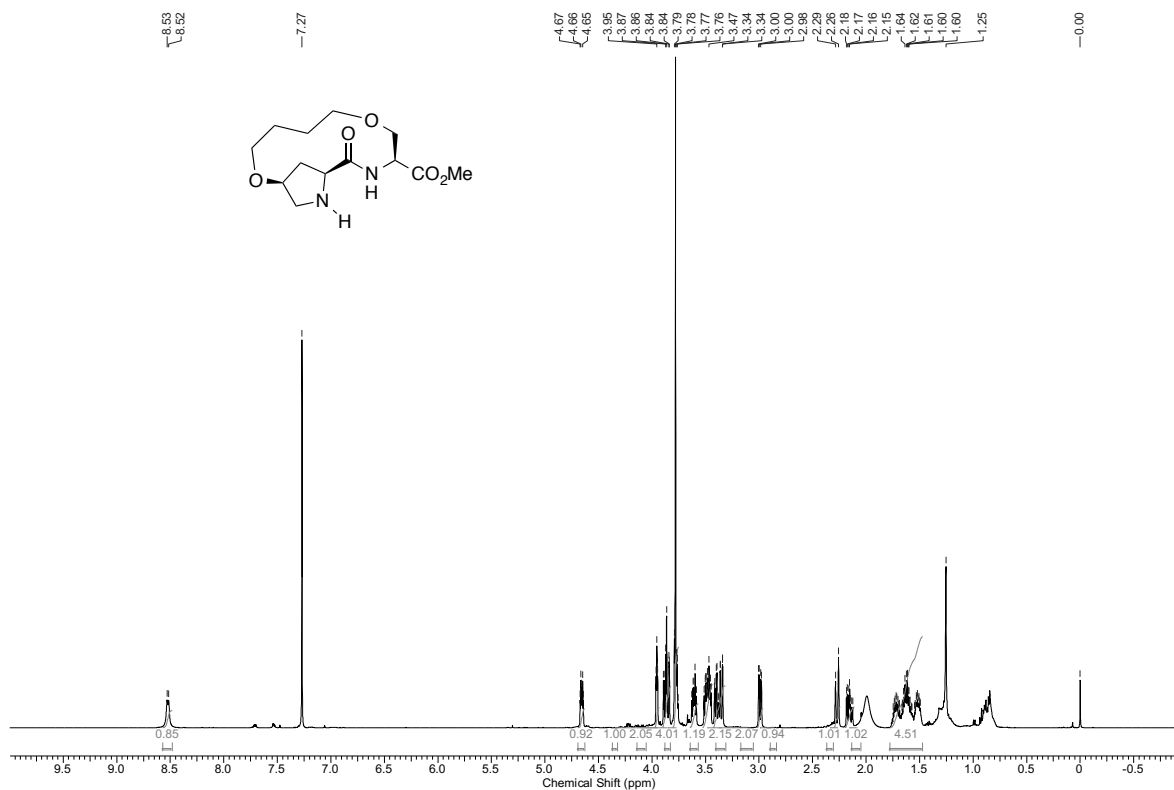
¹H NMR of **6** (500 MHz, CDCl₃)



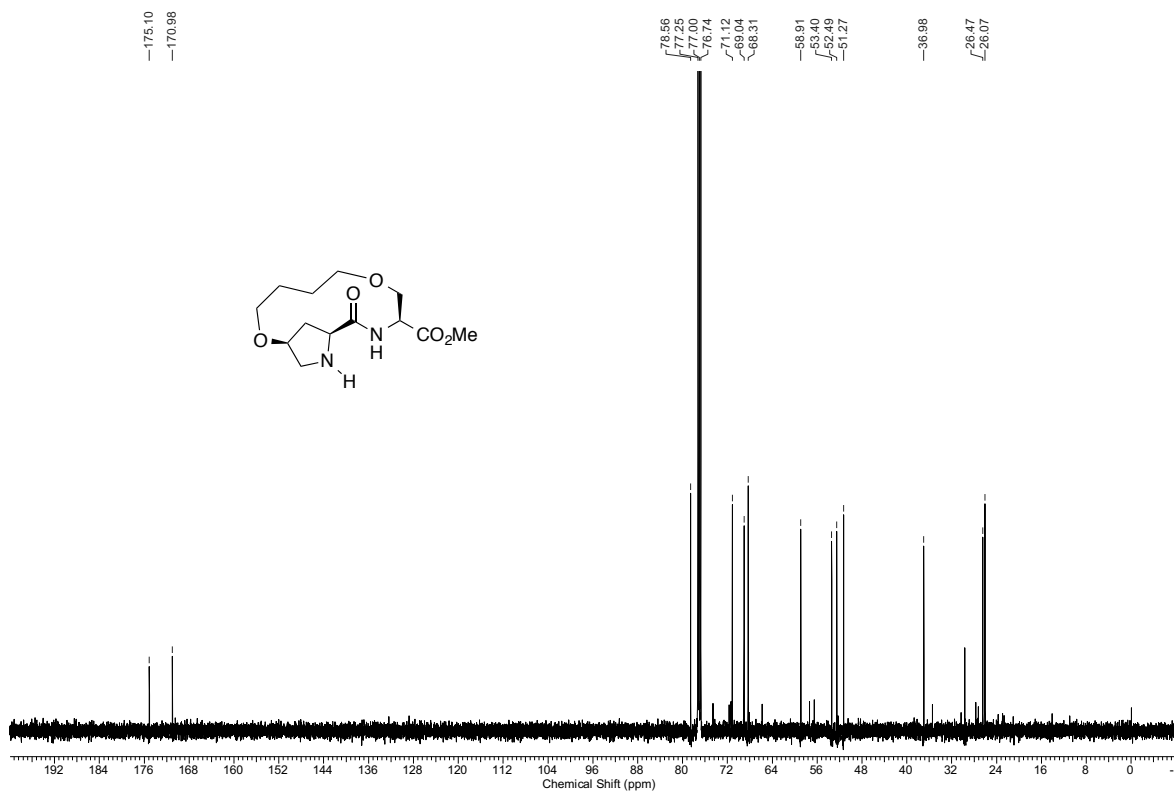
¹³C NMR of **6** (125 MHz, CDCl₃)



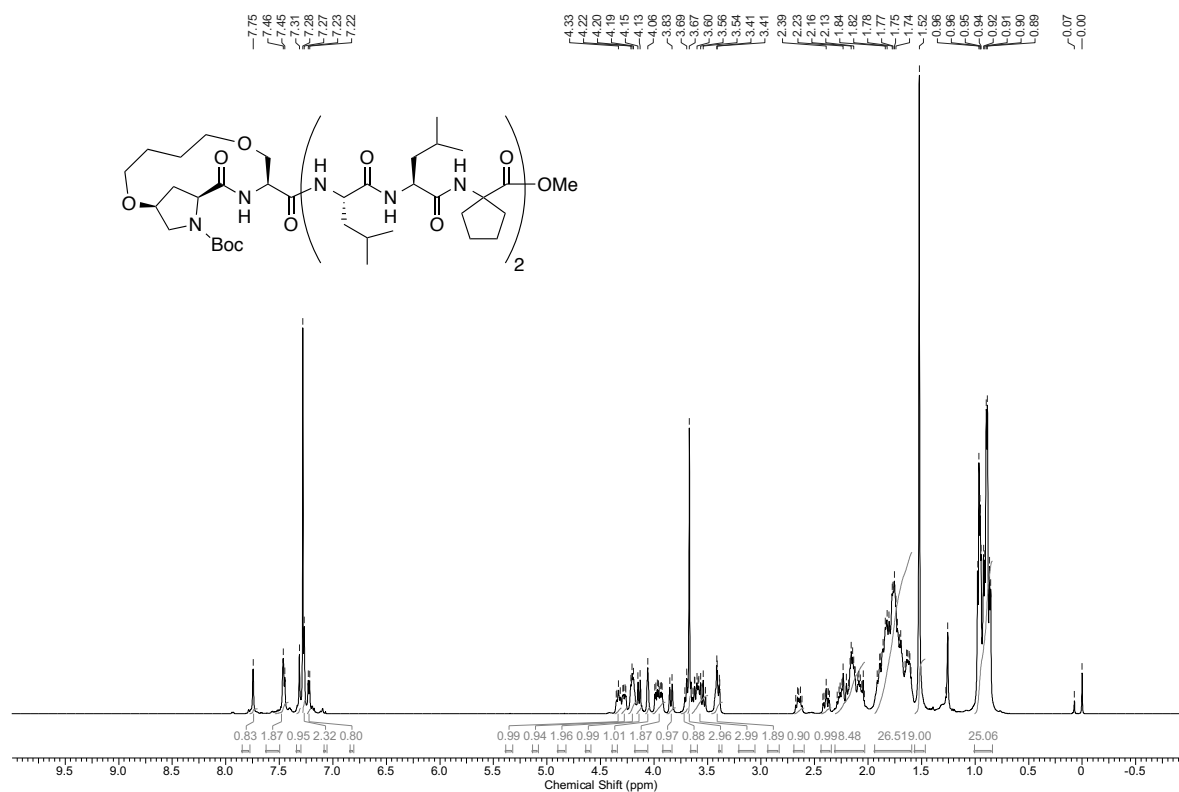
¹H NMR of A' (500 MHz, CDCl₃)



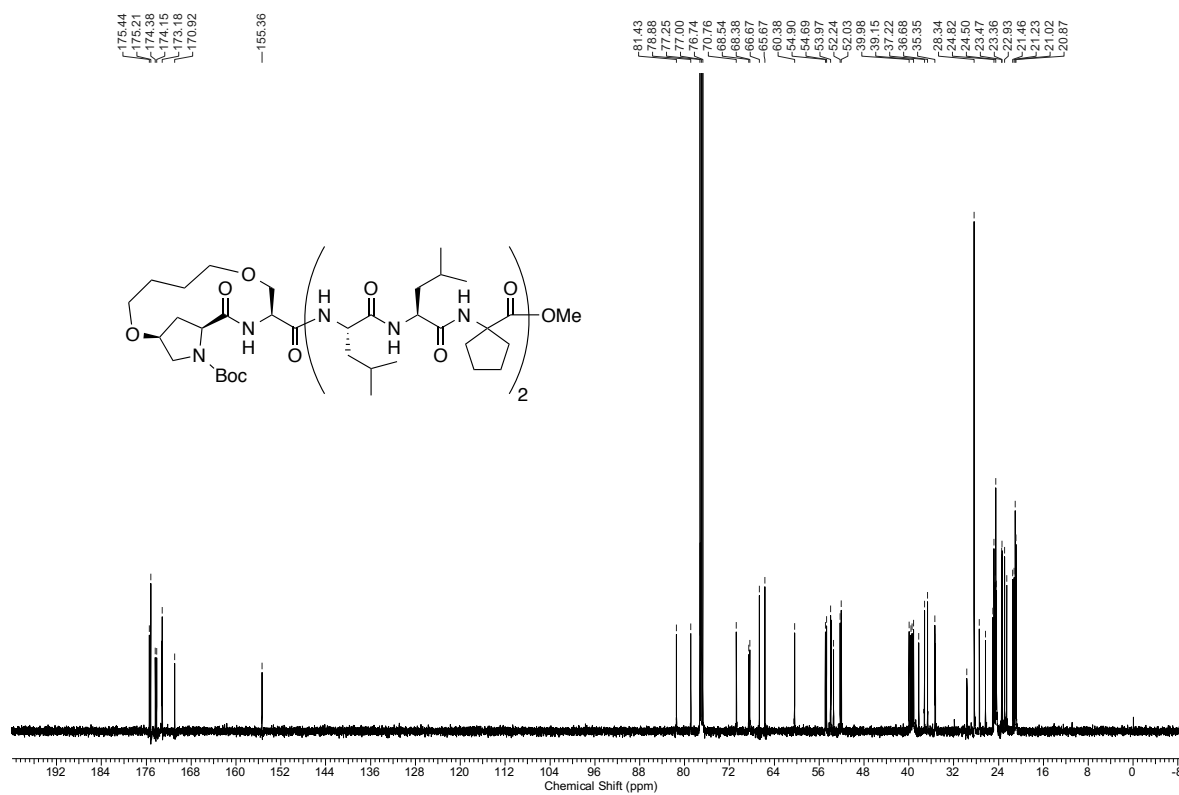
¹³C NMR of A' (125 MHz, CDCl₃)



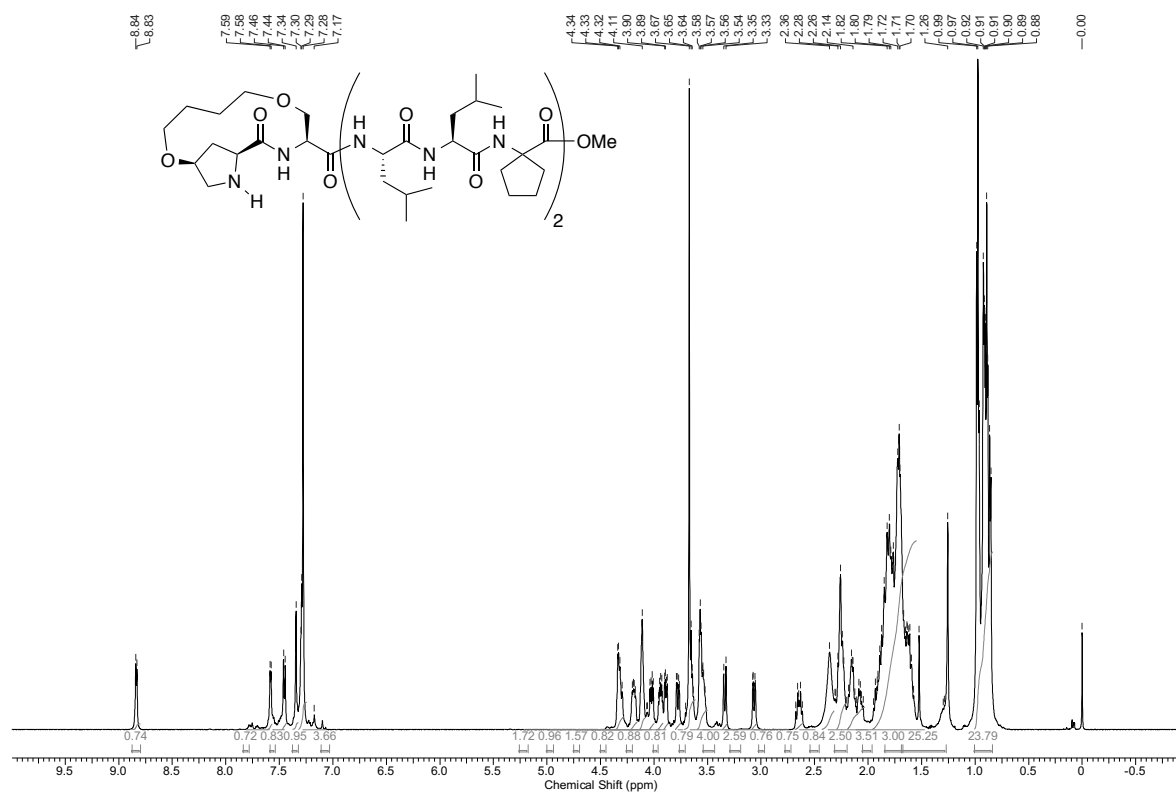
¹H NMR of 7 (500 MHz, CDCl₃)



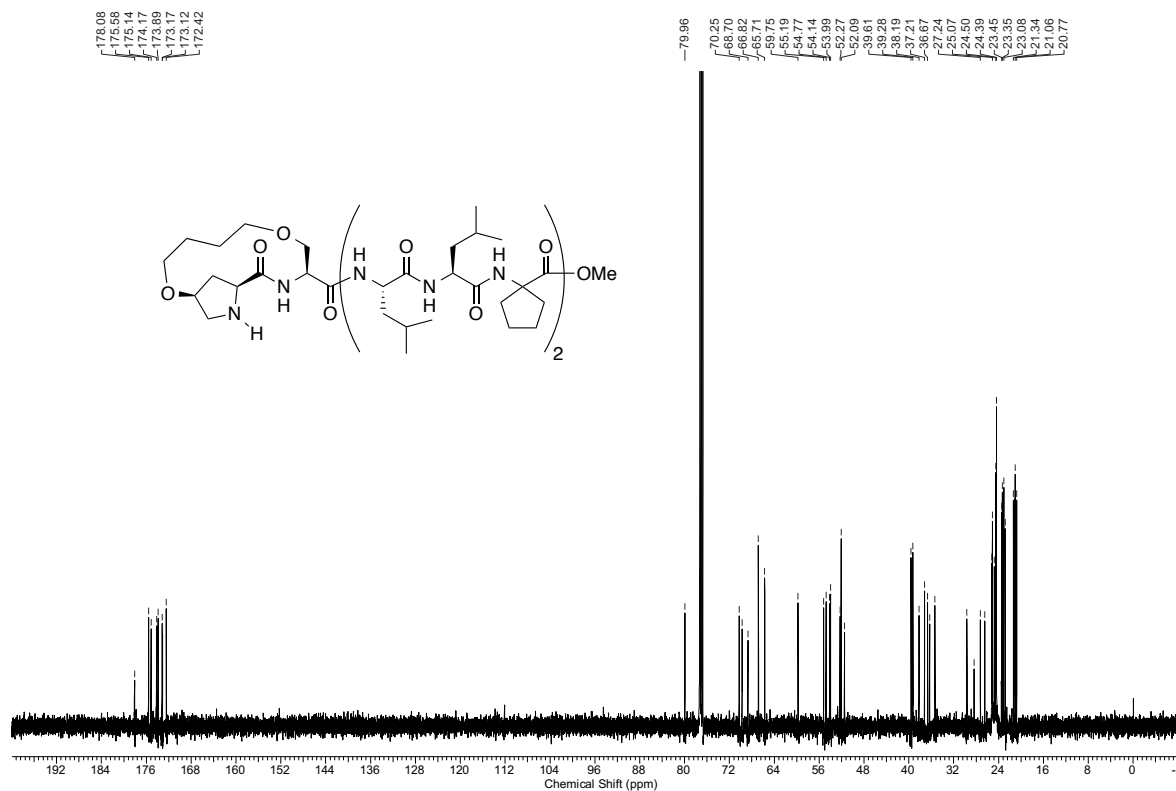
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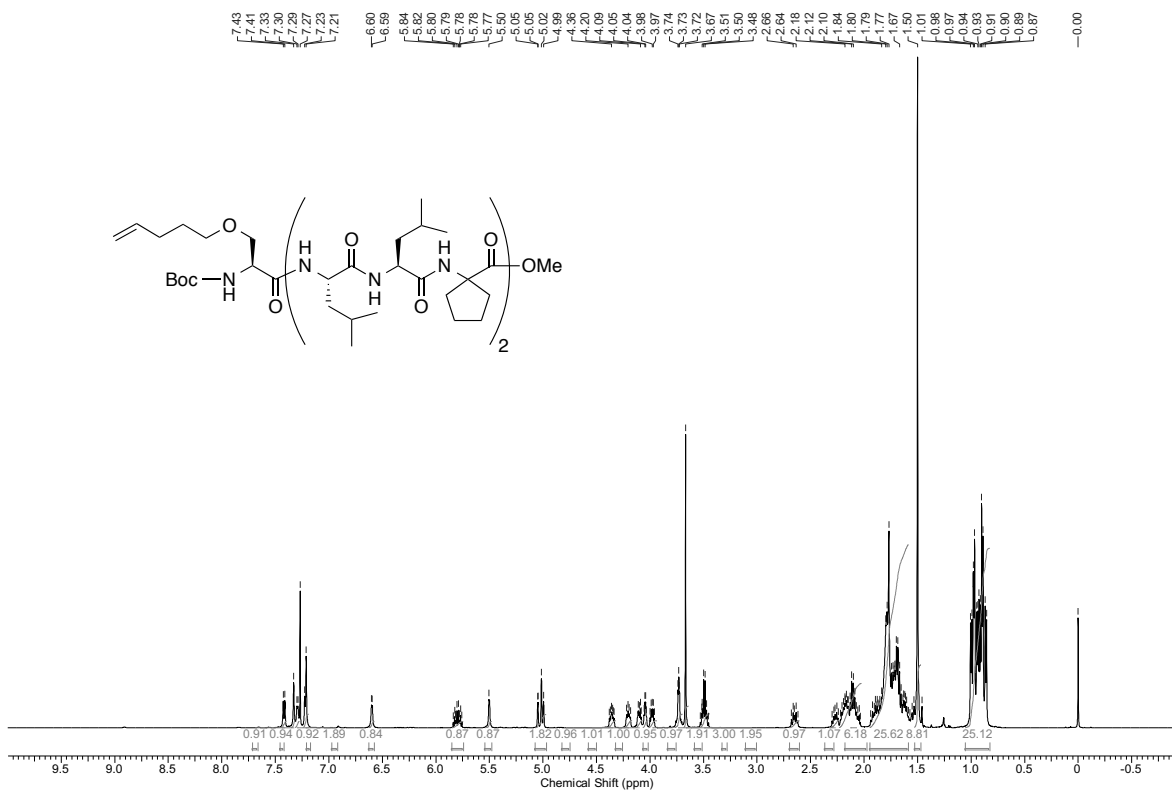
¹H NMR of **B'** (500 MHz, CDCl₃)



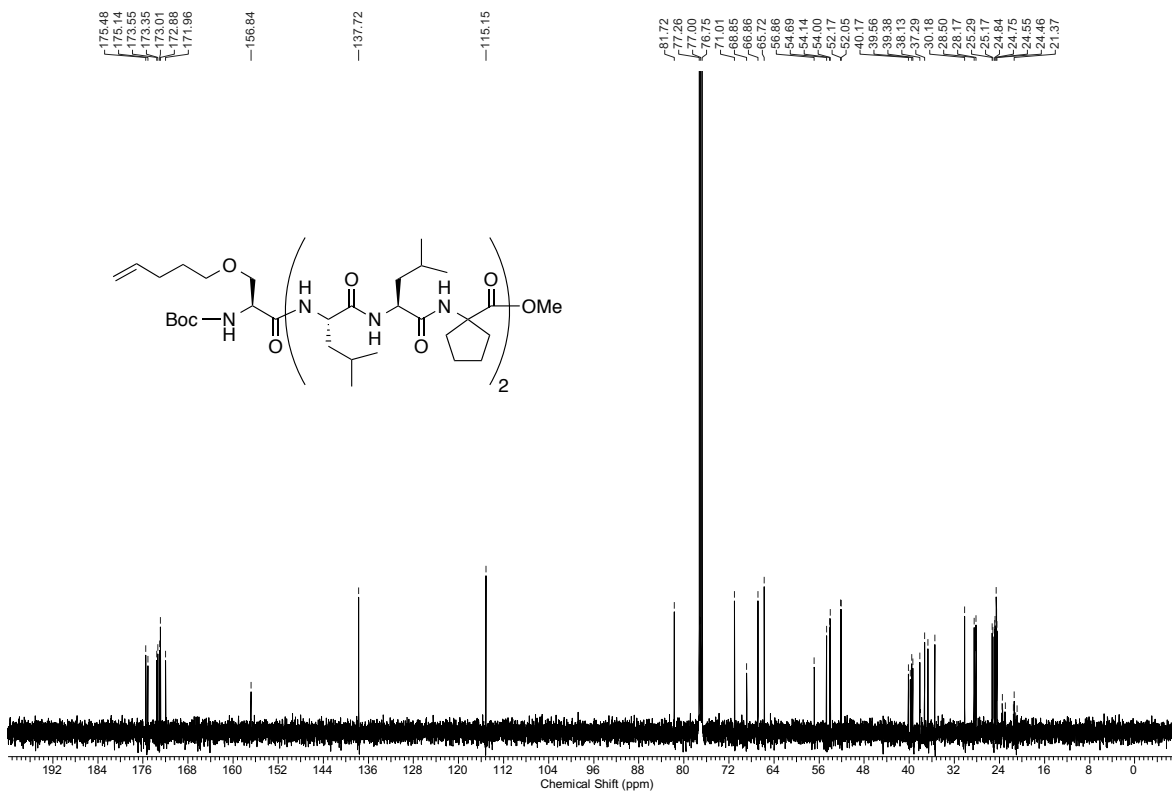
¹³C NMR of **B'** (125 MHz, CDCl₃)



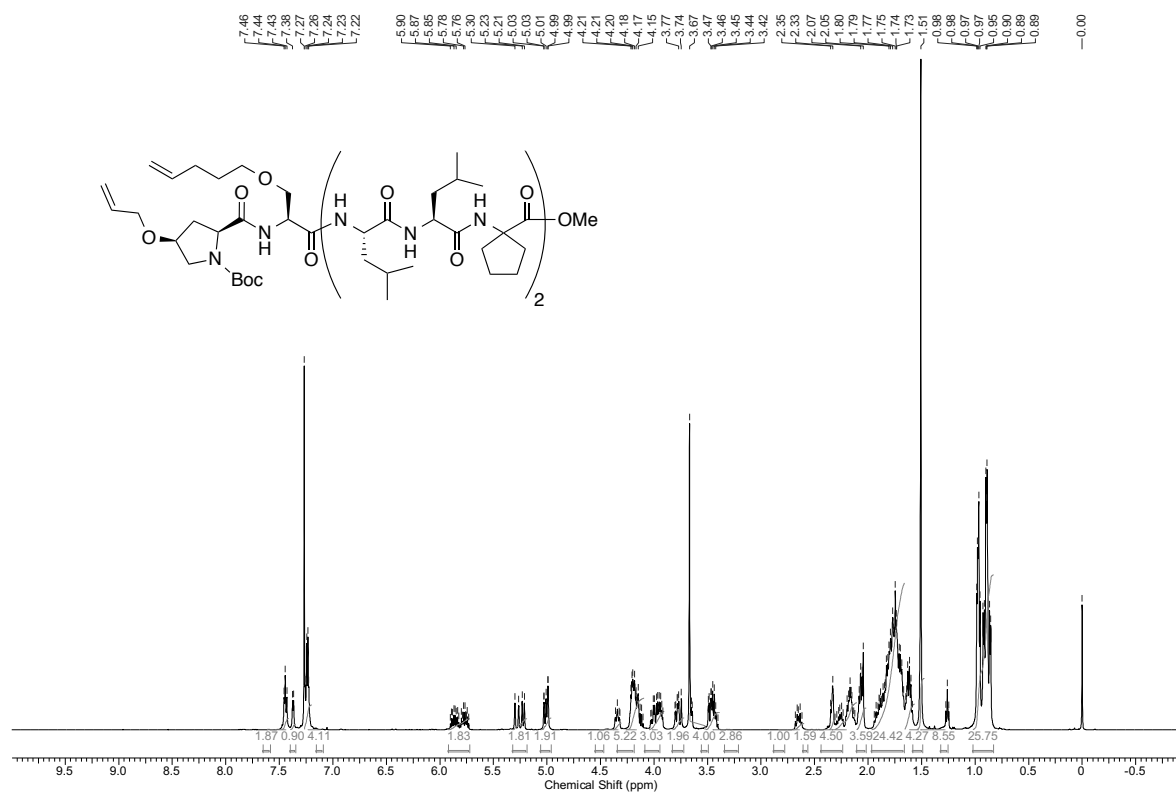
¹H NMR of **9** (500 MHz, CDCl₃)



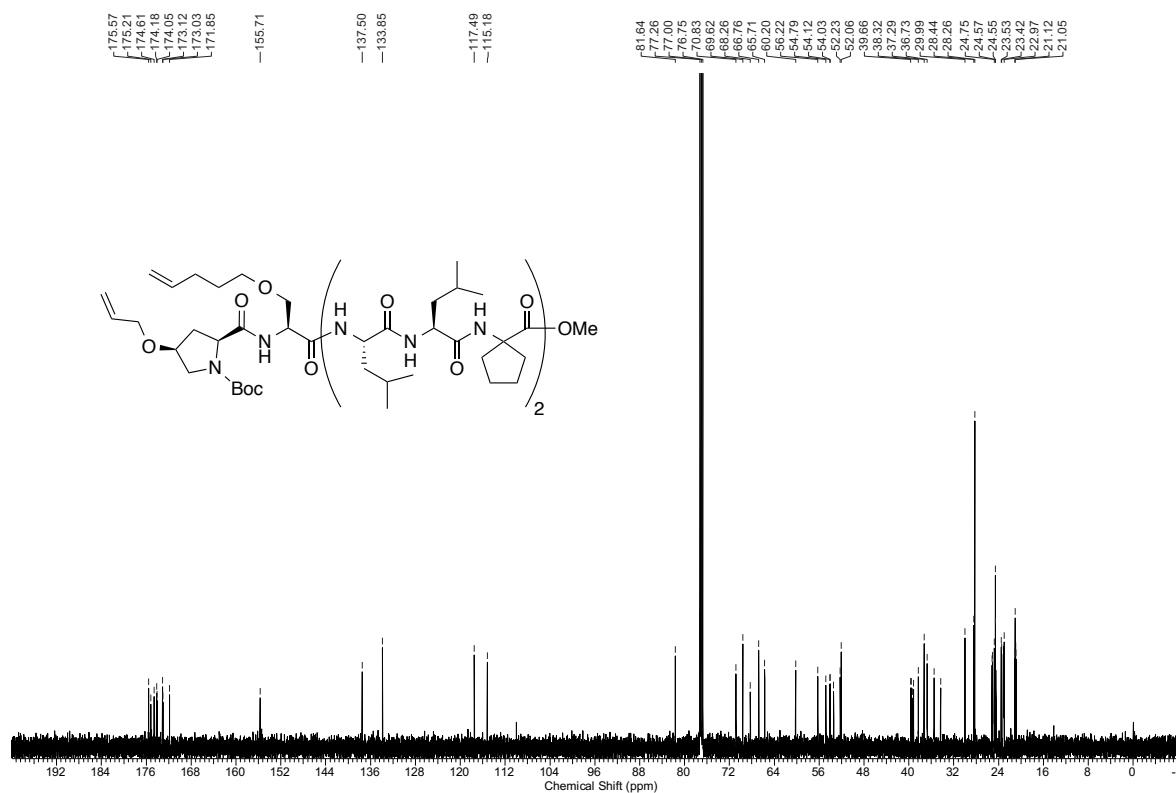
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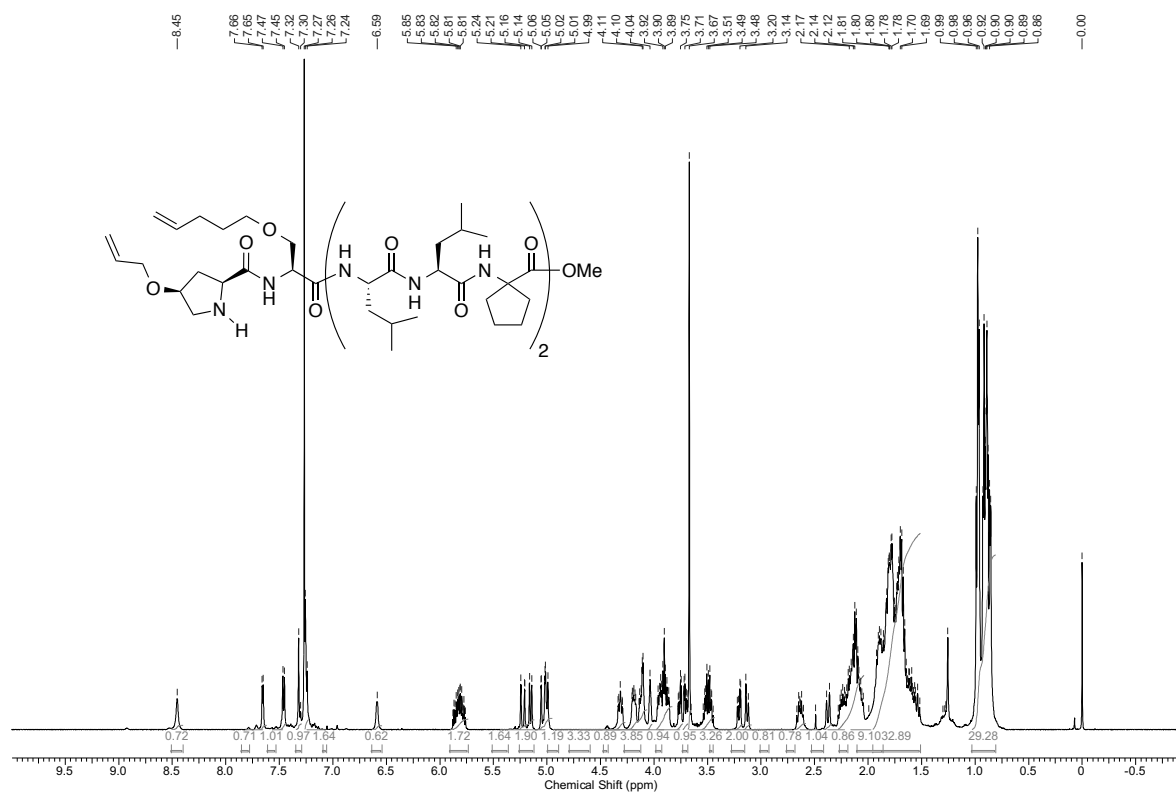
¹H NMR of **11** (500 MHz, CDCl₃)



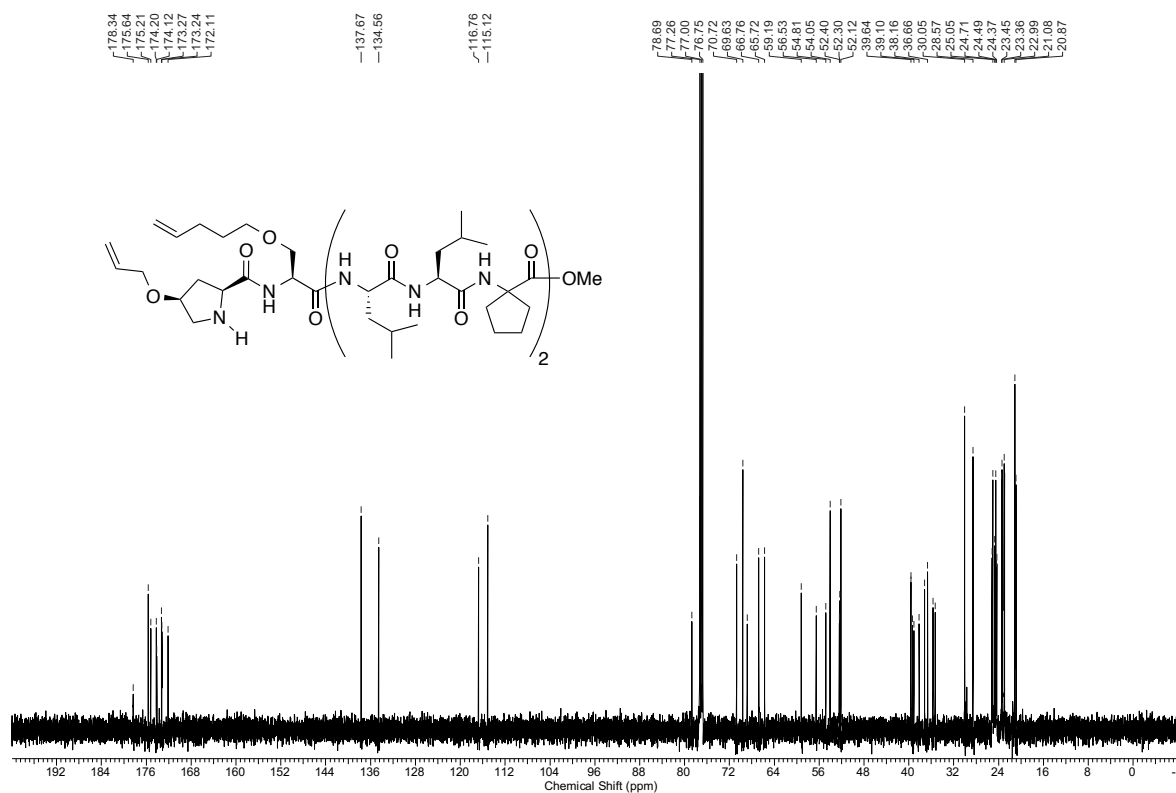
¹³C NMR of **11** (125 MHz, CDCl₃)



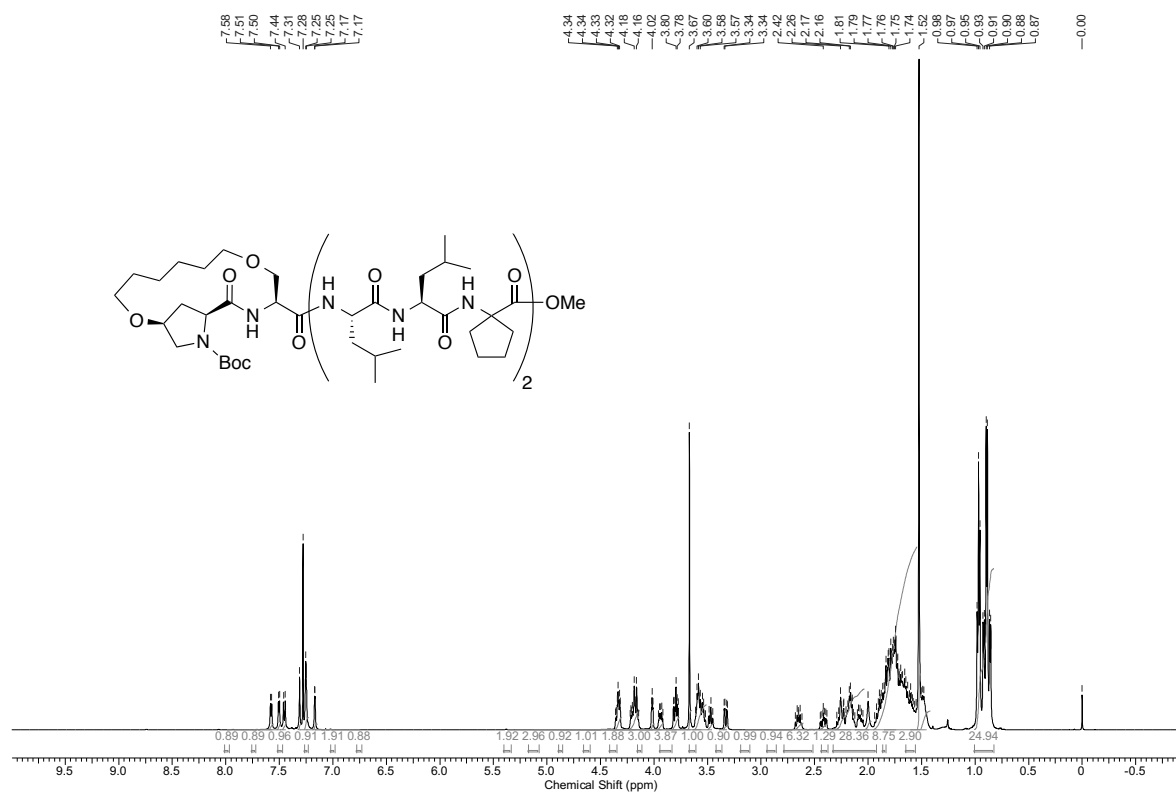
¹H NMR of C (500 MHz, CDCl₃)



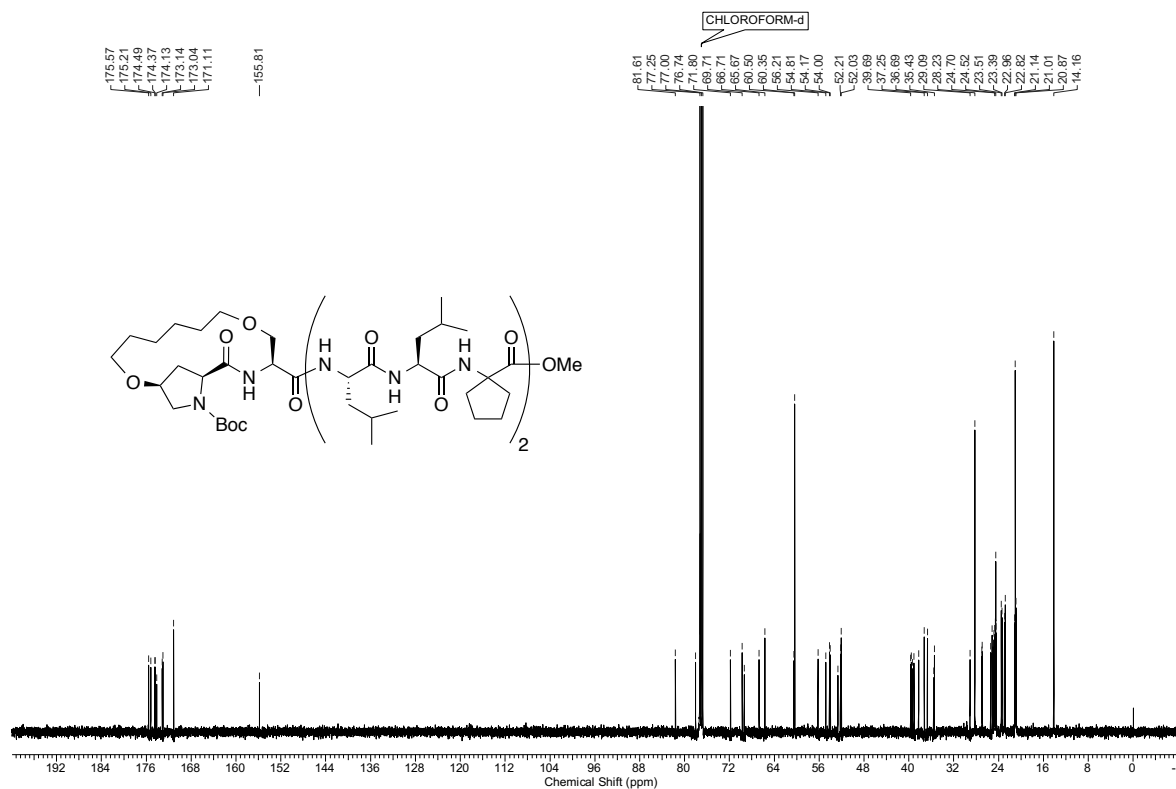
¹³C NMR of C (125 MHz, CDCl₃)



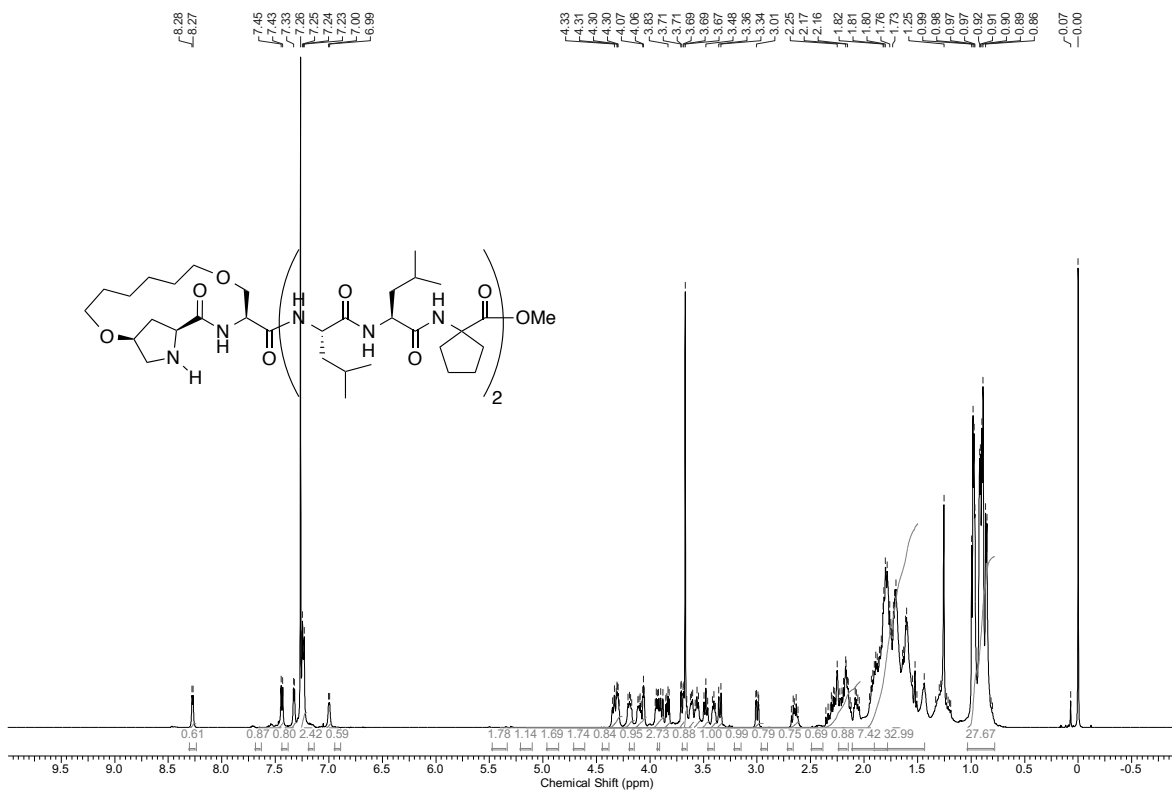
¹H NMR of **13** (500 MHz, CDCl₃)



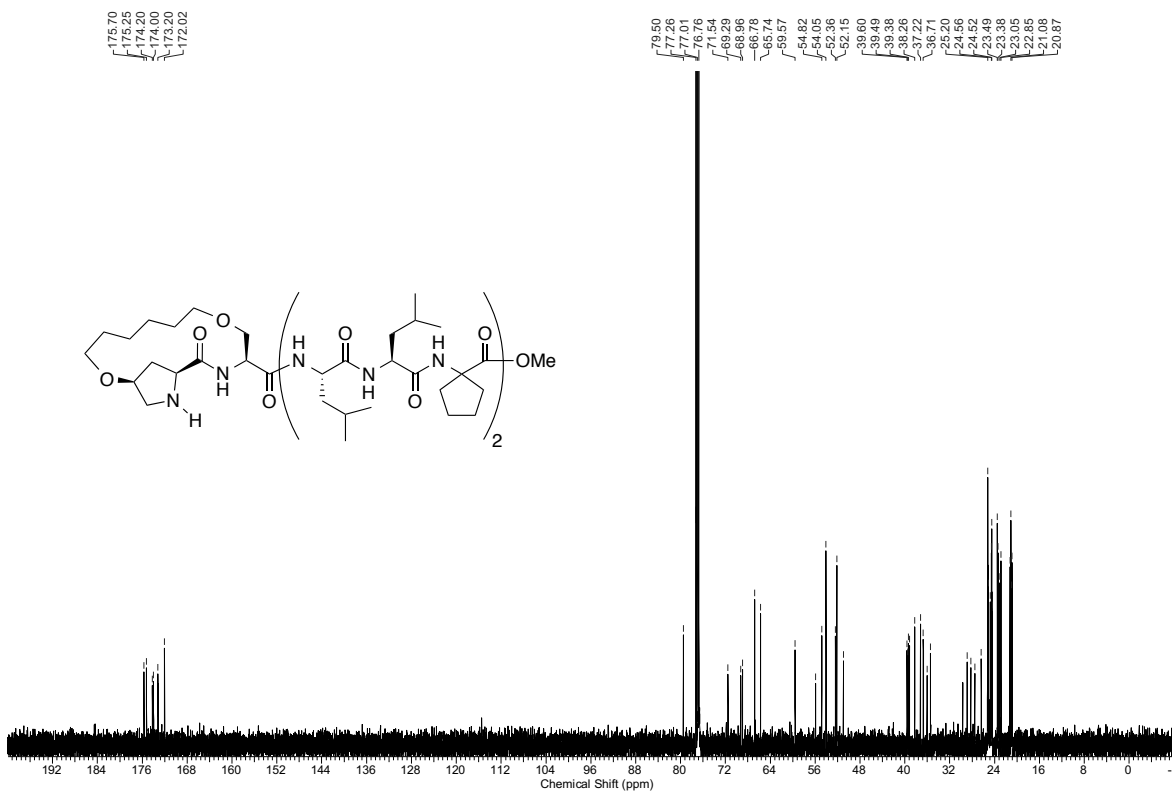
¹³C NMR of **13** (125 MHz, CDCl₃)



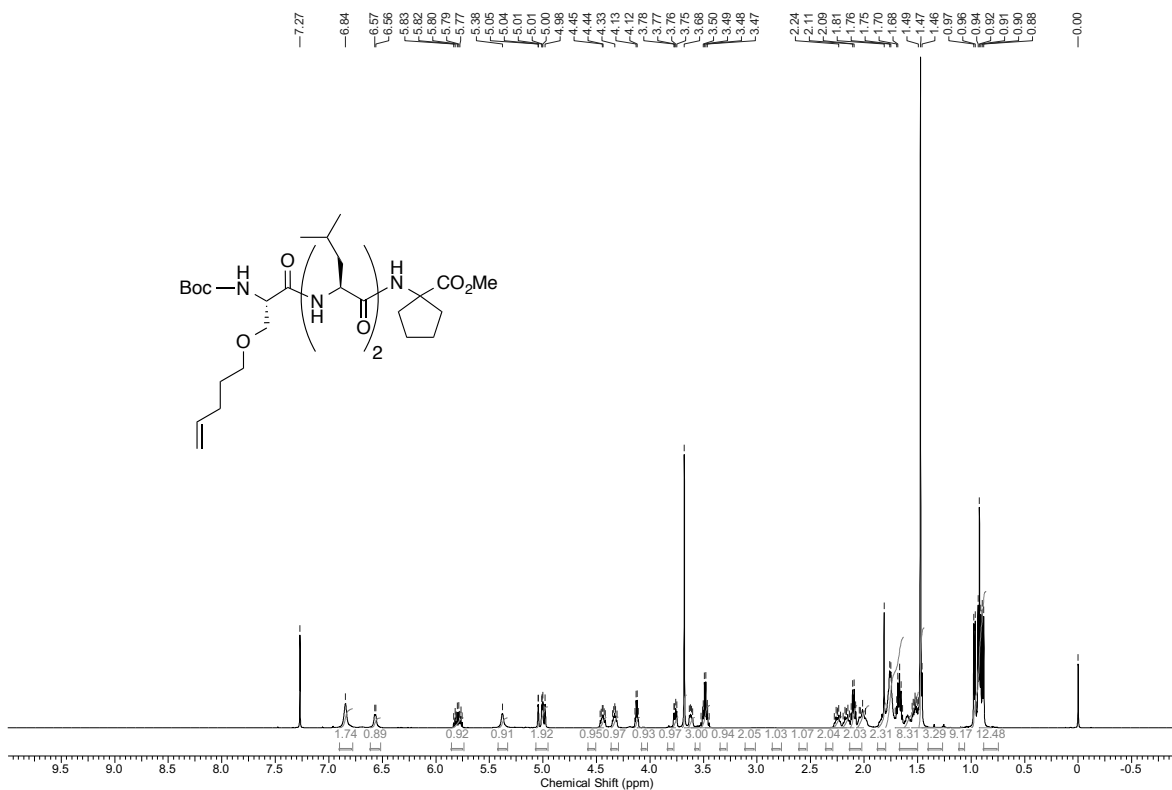
¹H NMR of C' (500 MHz, CDCl₃)



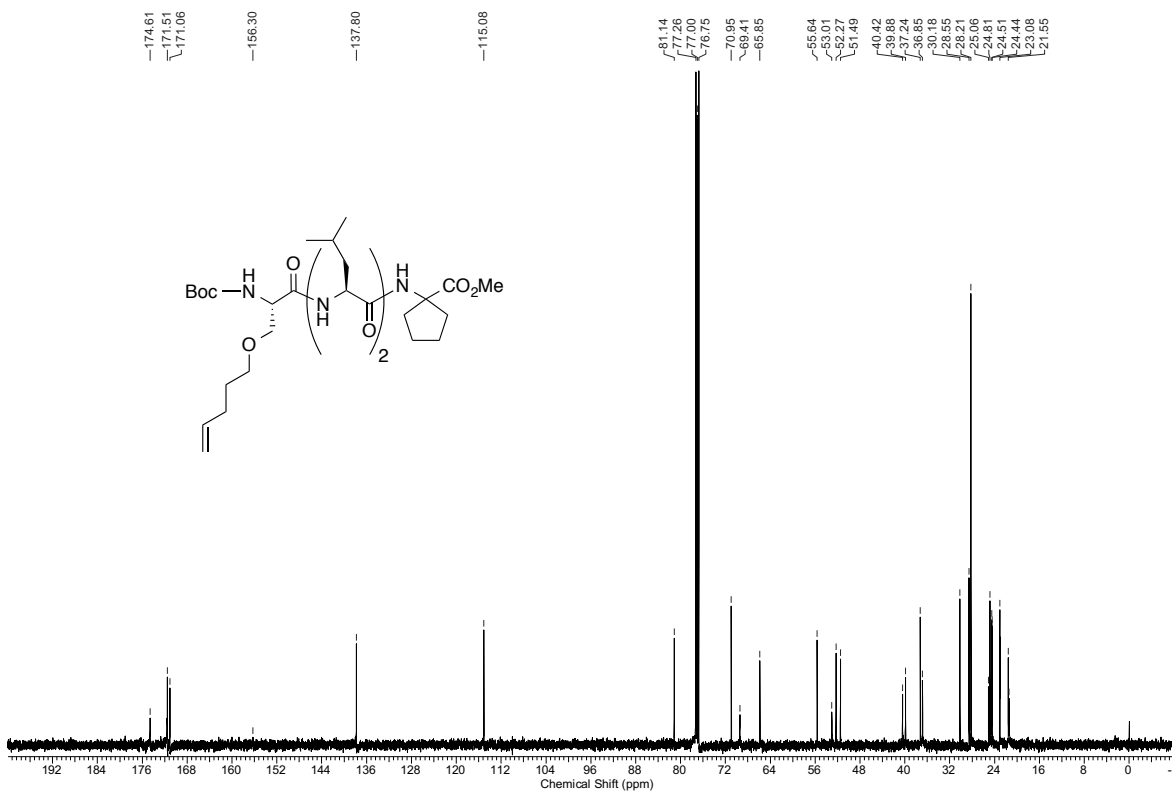
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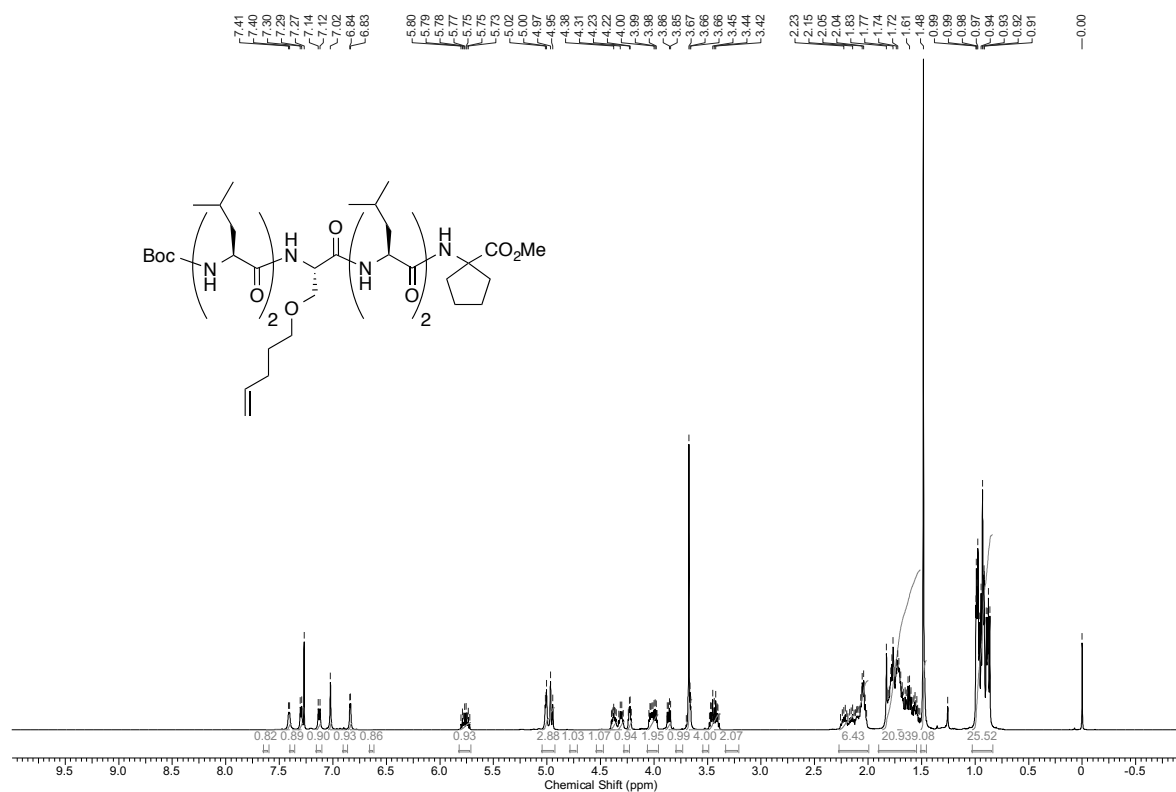
¹H NMR of **14** (500 MHz, CDCl₃)



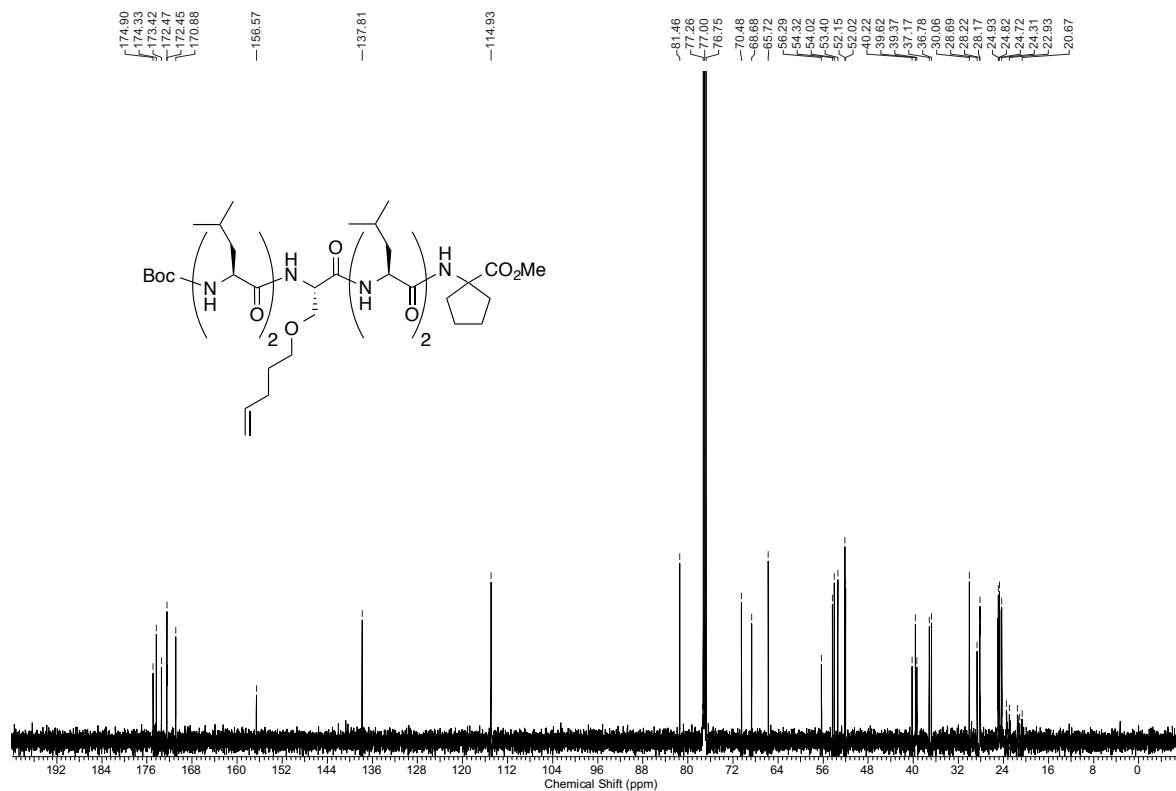
¹³C NMR of **14** (125 MHz, CDCl₃)



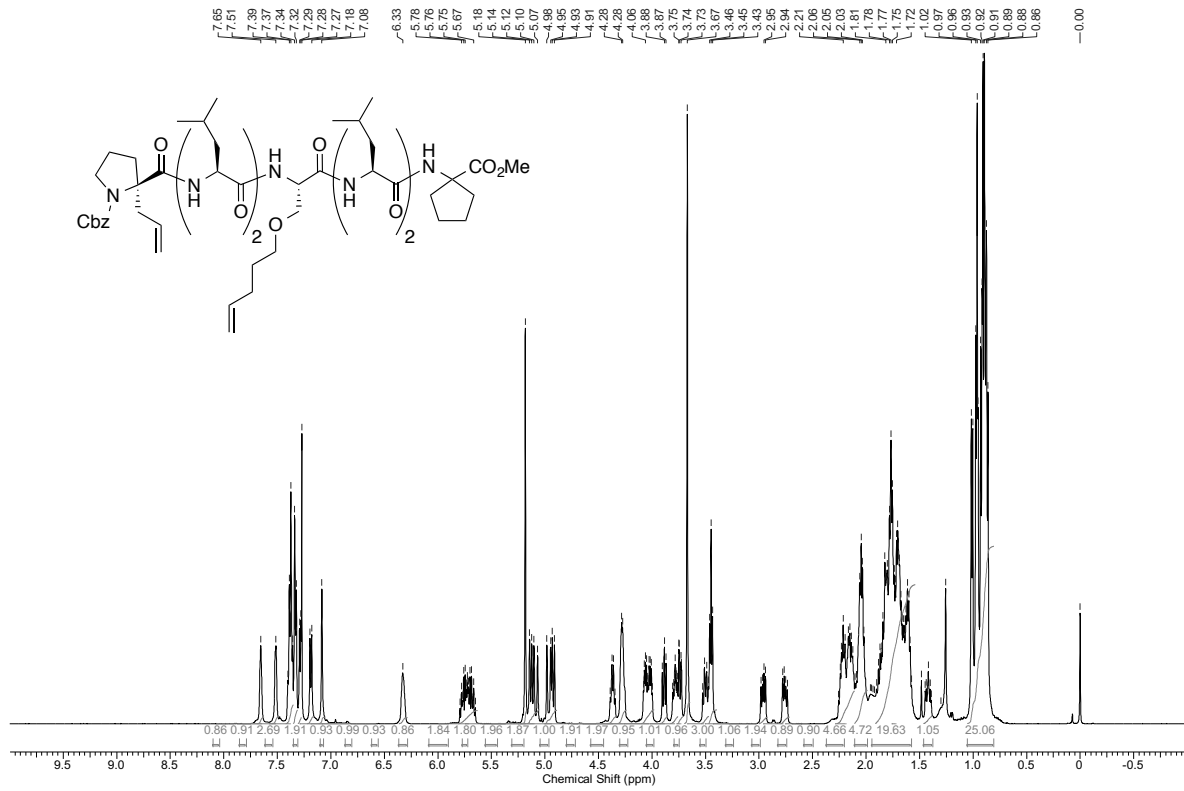
¹H NMR of **16** (500 MHz, CDCl₃)



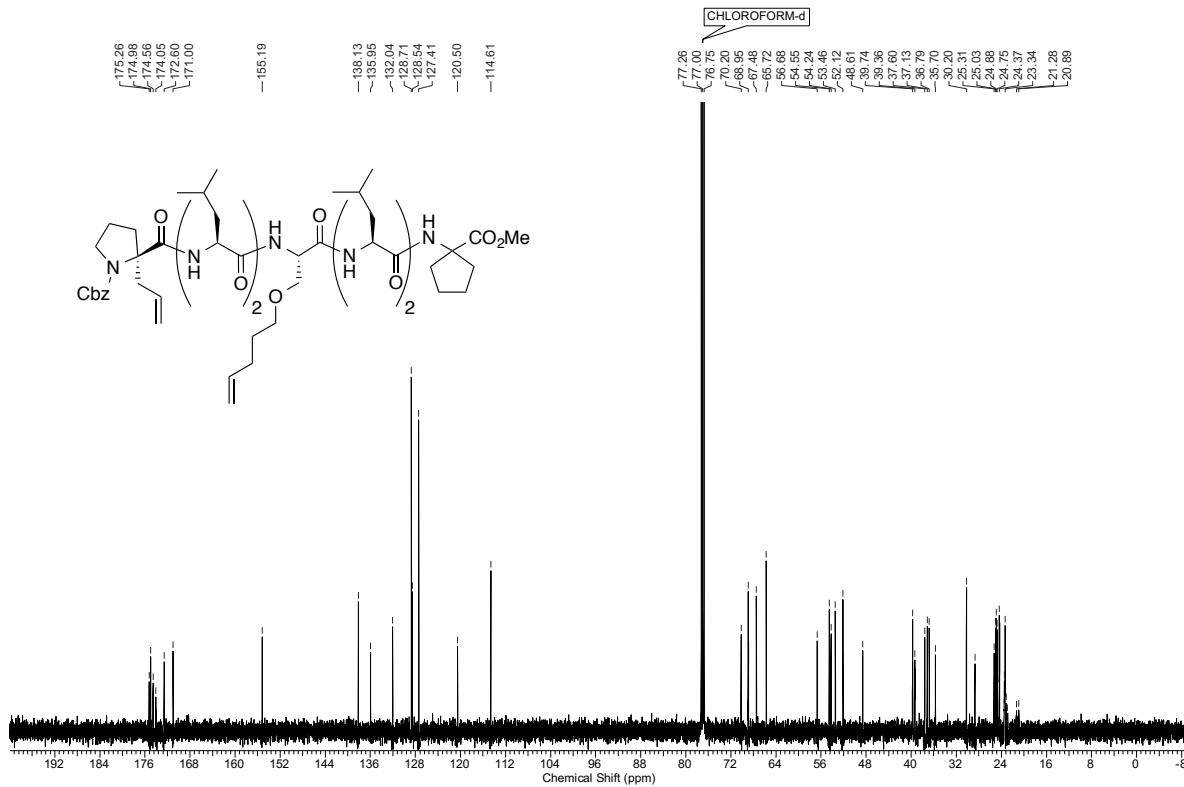
¹³C NMR of **16** (125 MHz, CDCl₃)



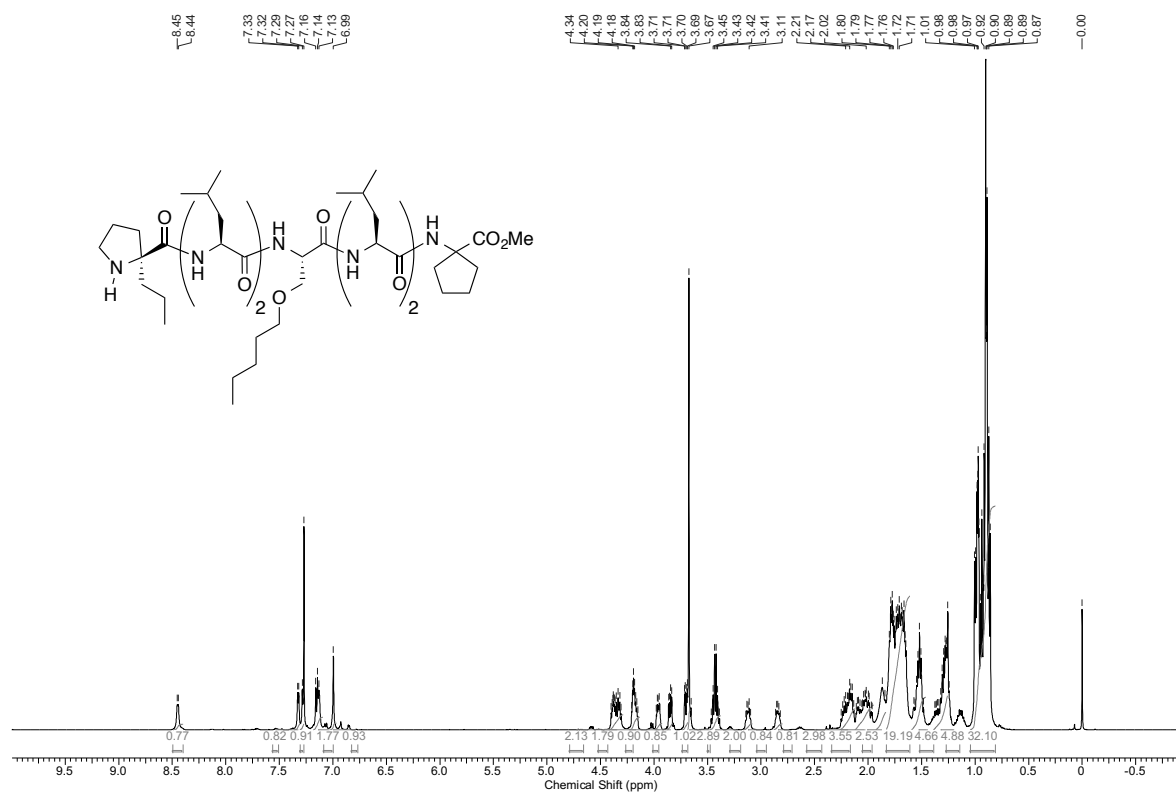
^1H NMR of **19** (500 MHz, CDCl_3)



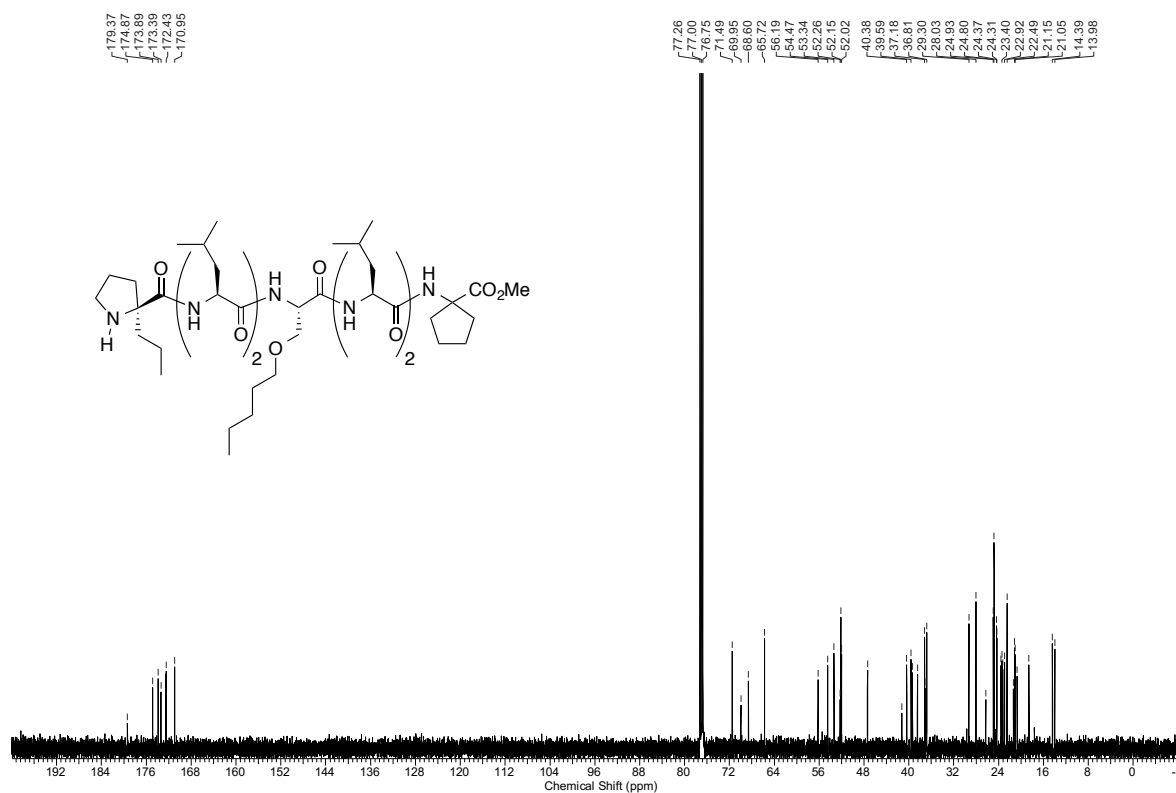
^{13}C NMR of **19** (125 MHz, CDCl_3)



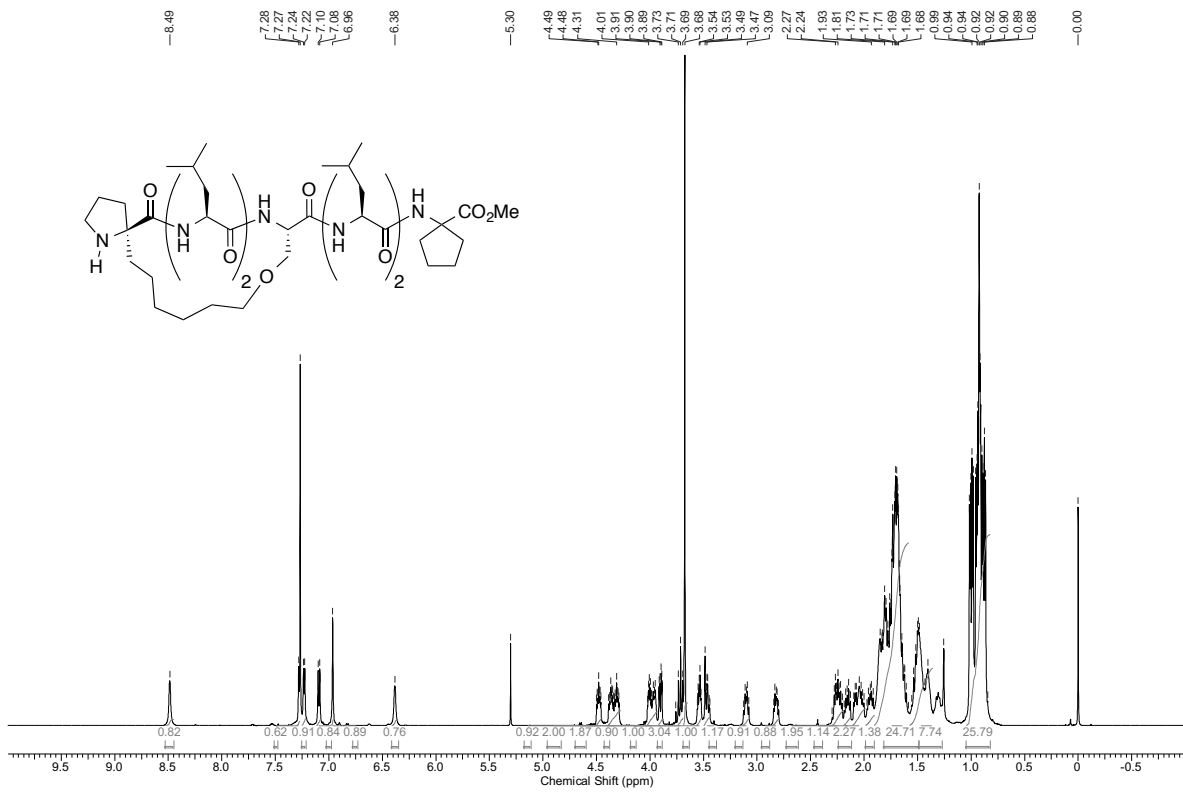
¹H NMR of **D** (500 MHz, CDCl₃)



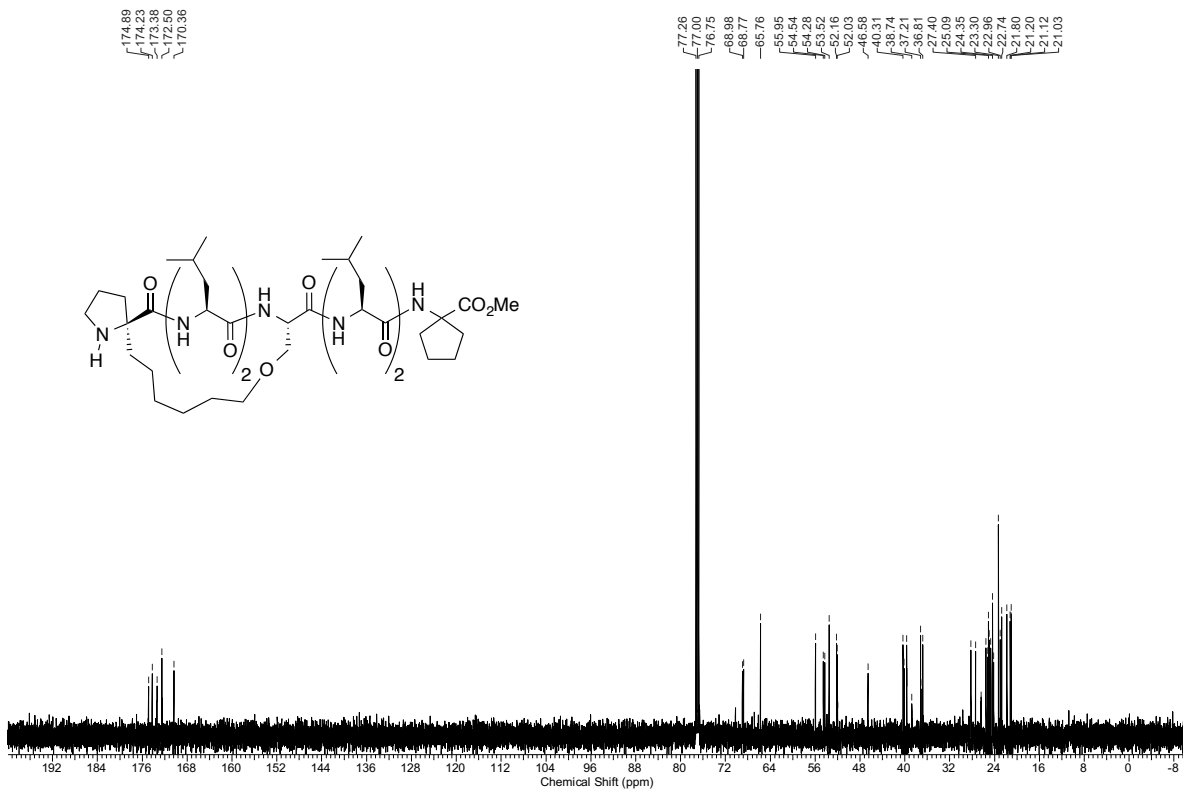
¹³C NMR of **D** (125 MHz, CDCl₃)



¹H NMR of **D'** (500 MHz, CDCl₃)

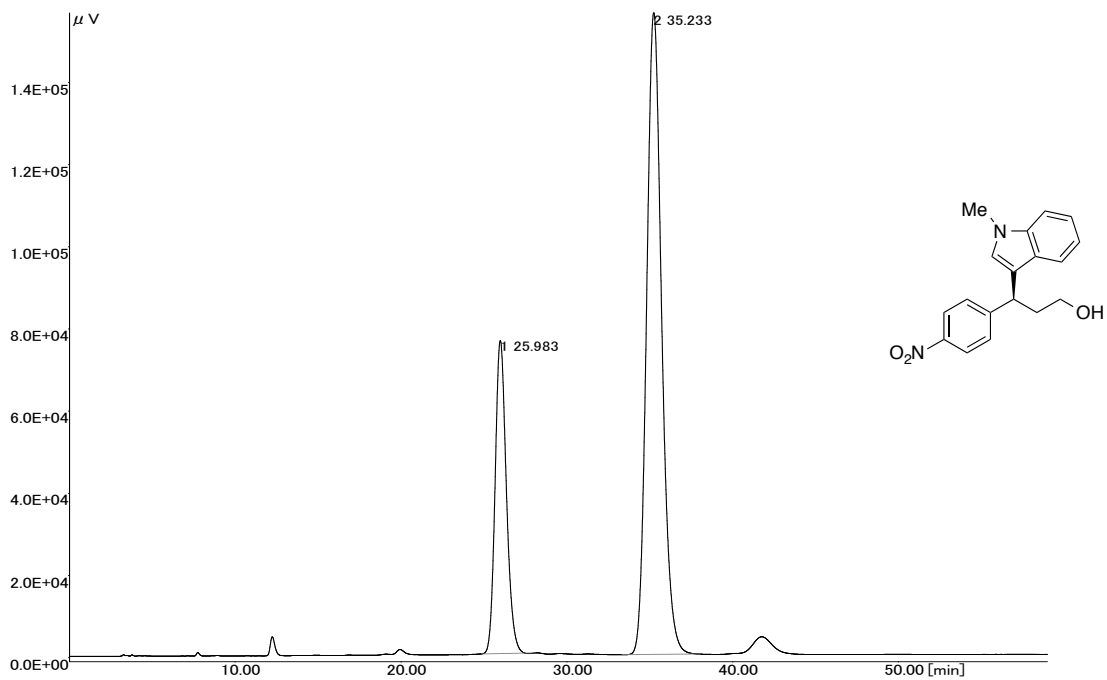
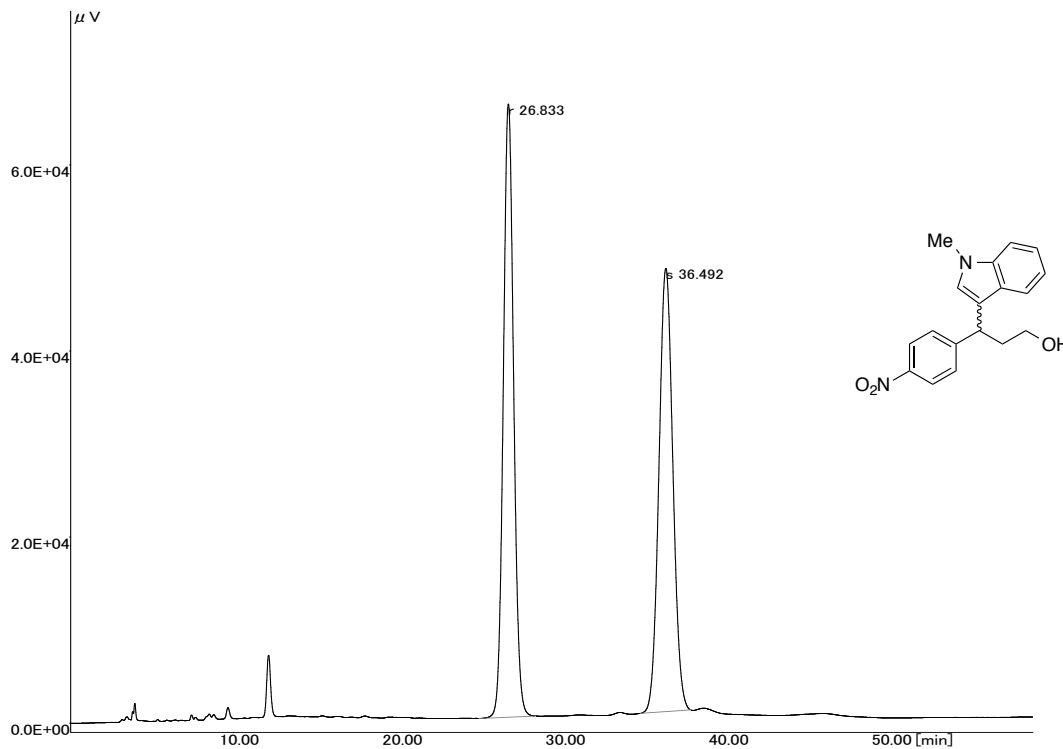


¹³C NMR of **D'** (125 MHz, CDCl₃)



2. HPLC chart of compound 23.

Condition: Chiralpak AD-H, 10% *i*-propanol/*n*-hexane, flow rate 1.0 mL/min.



	Retention time (min)	Area	Area (%)
1	25.983	3530043	26.62
2	35.233	9732204	73.38
Total		13262247	100