

## Supplementary Information

# Synthesis of glycoprotein inhibitory agents sinuxylamide A-E

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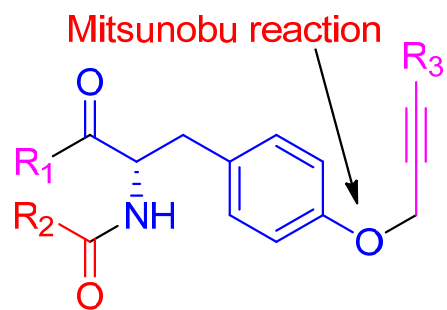
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### Tyrosine derivatives, 1-5

Fig. S1 — Structure of Sinuxylamide

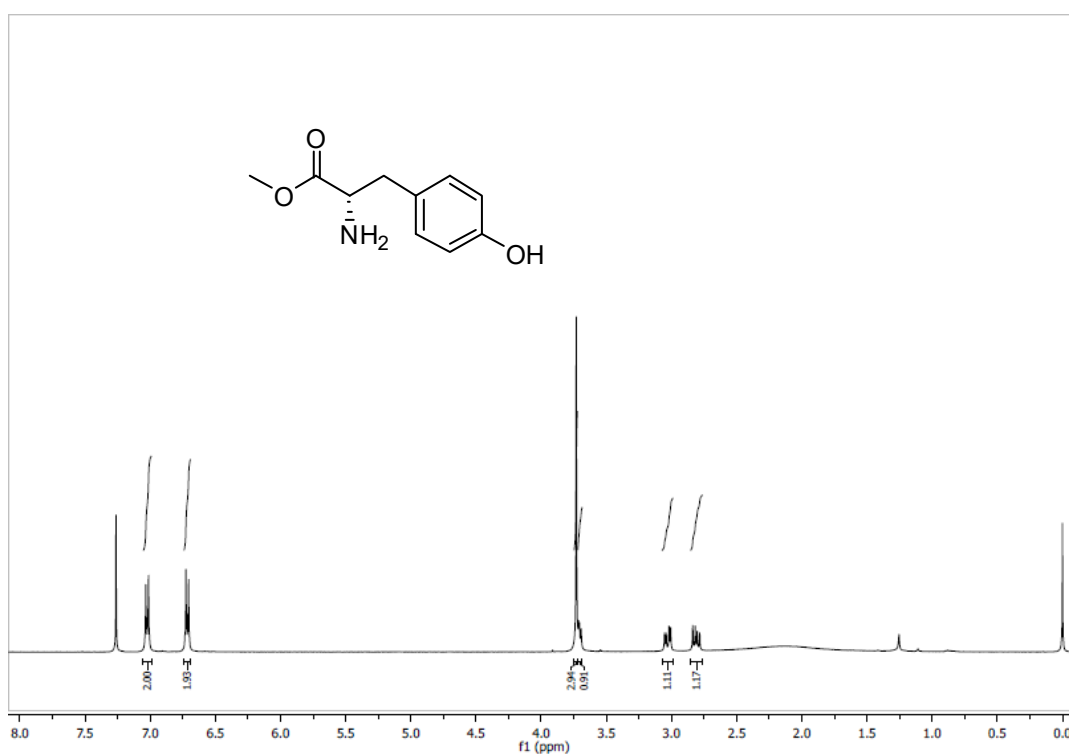


Fig. S2 —  $^1\text{H}$  NMR spectrum of compound 2 in  $\text{CDCl}_3$  (400 MHz)

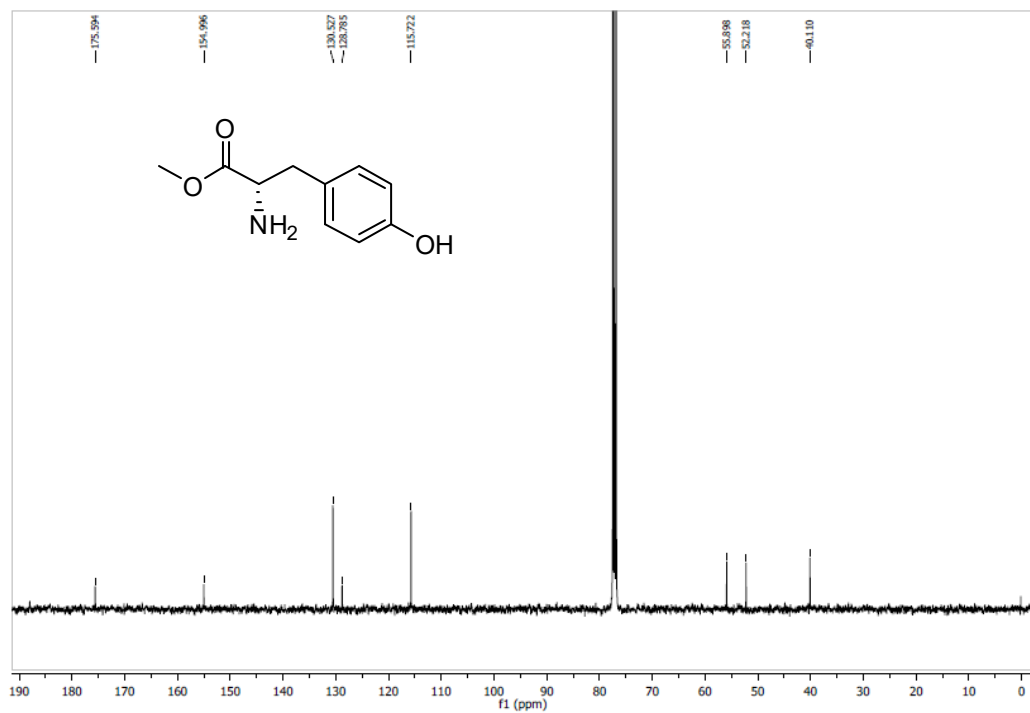


Fig. S3 —  $^{13}\text{C}$  NMR spectrum of compound 2 in  $\text{CDCl}_3$  (101 MHz)

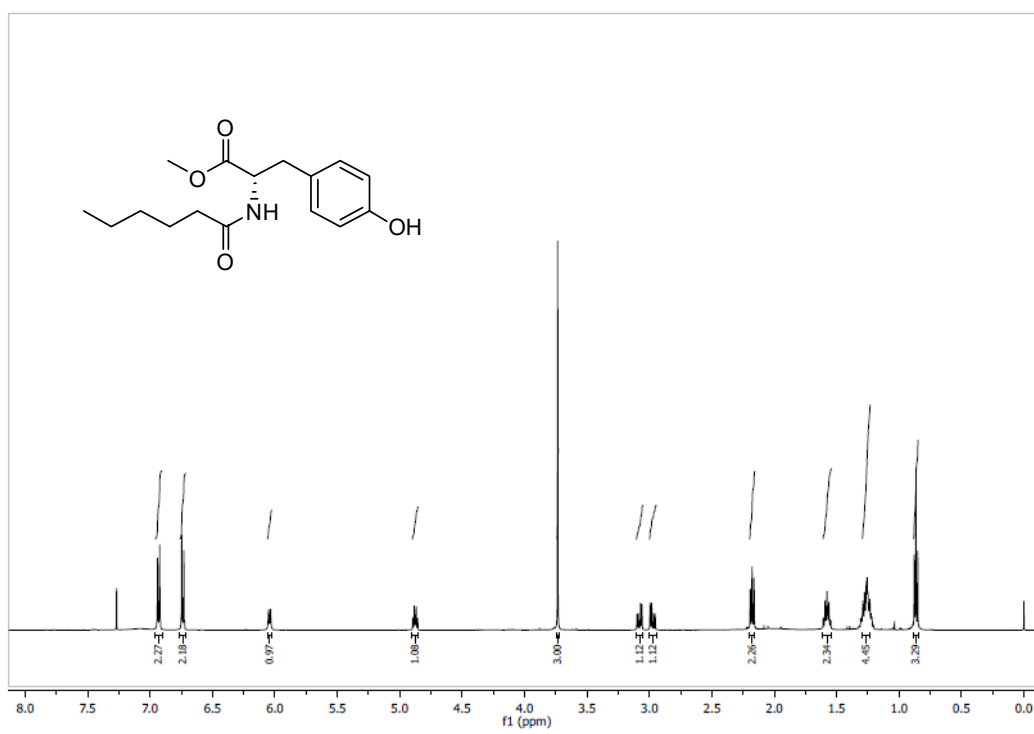


Fig. S4 —  $^1\text{H}$  NMR spectrum of compound 3 in  $\text{CDCl}_3$  (500 MHz)

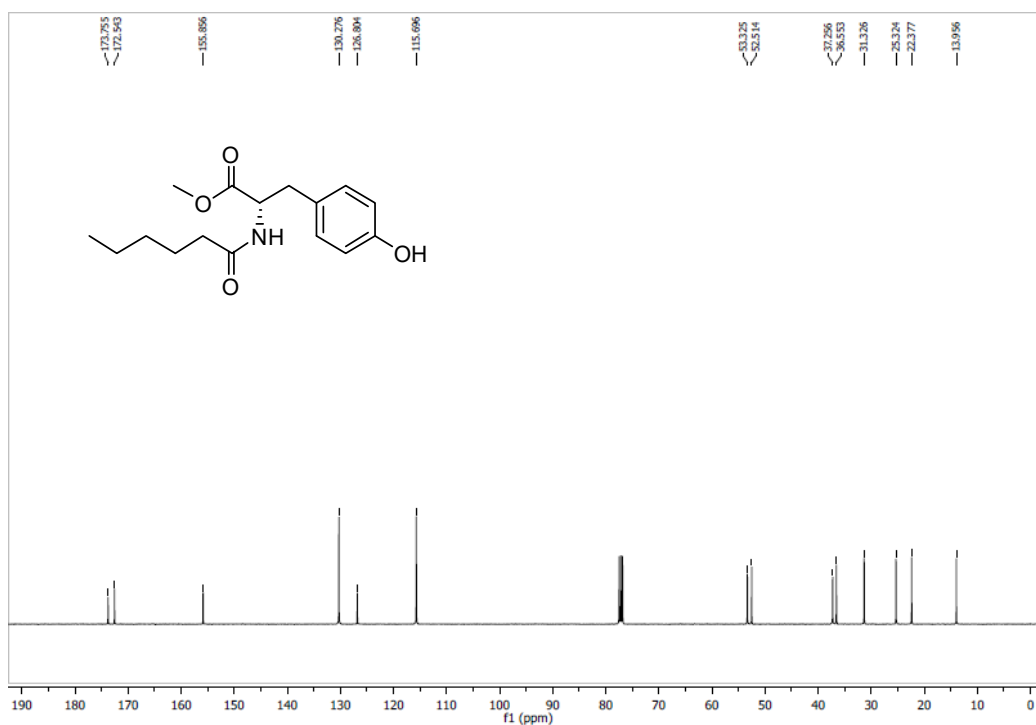


Fig. S5 —  $^{13}\text{C}$  NMR spectrum of compound 3 in  $\text{CDCl}_3$  (101 MHz)

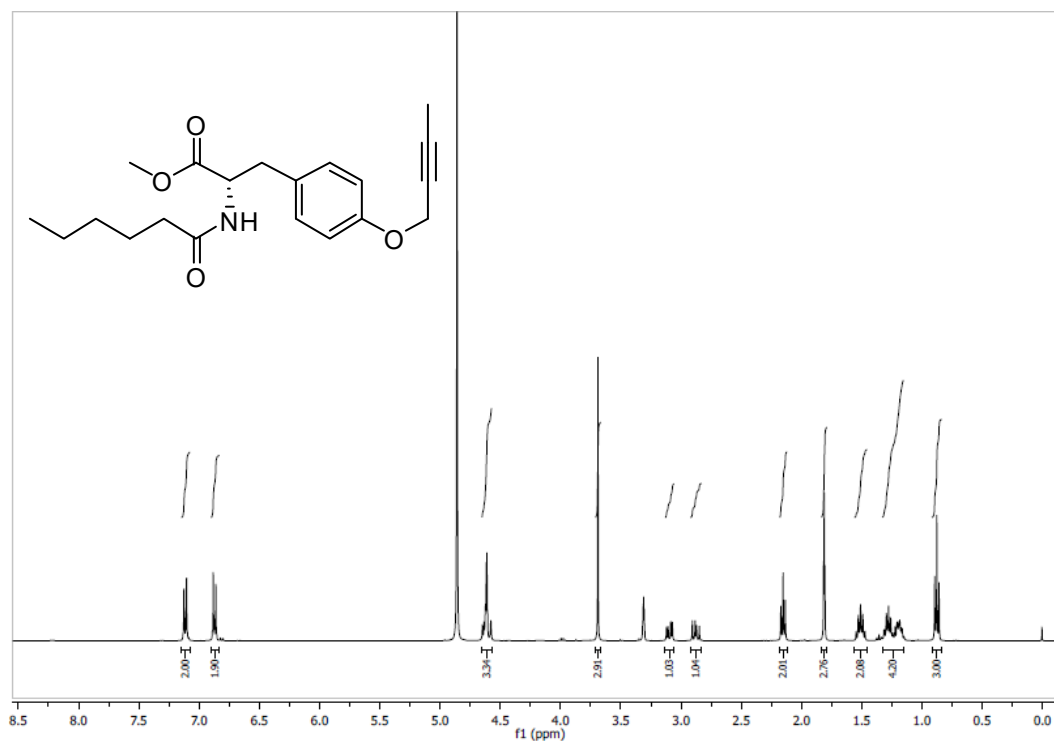


Fig. S6 —  $^1\text{H}$  NMR spectrum of compound A in  $\text{CD}_3\text{OD}$  (400 MHz)

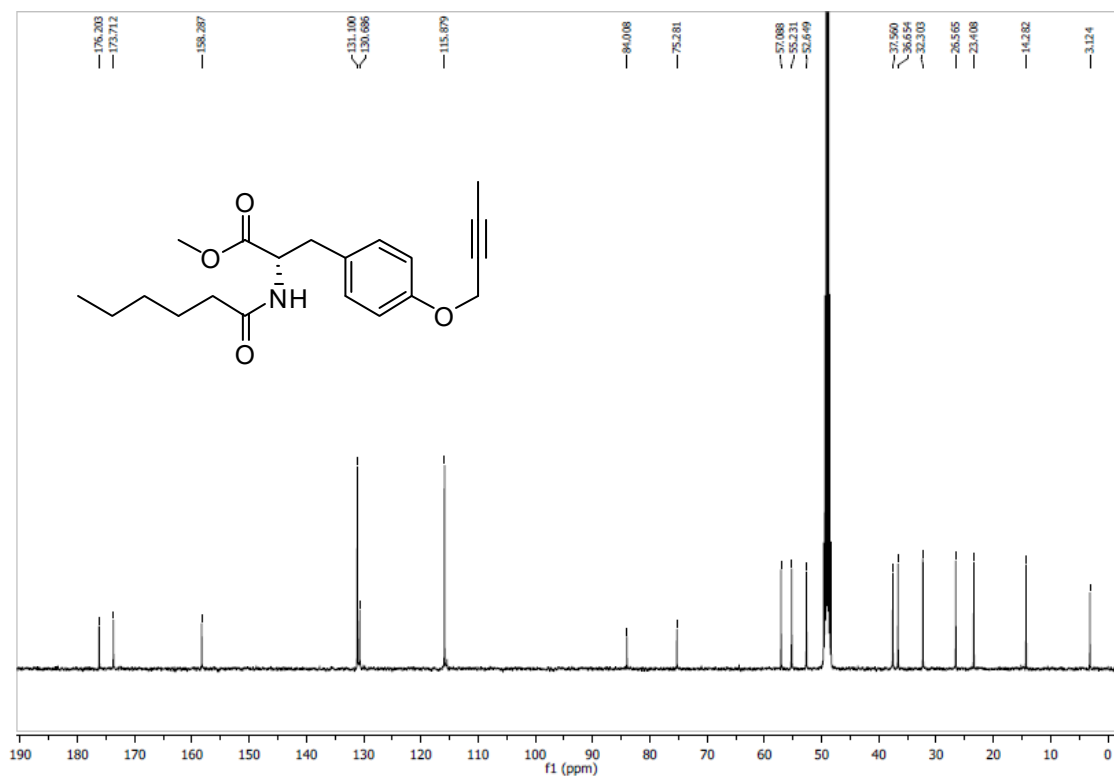


Fig. S7 —  $^{13}\text{C}$  NMR spectrum of compound A in  $\text{CD}_3\text{OD}$  (101 MHz)

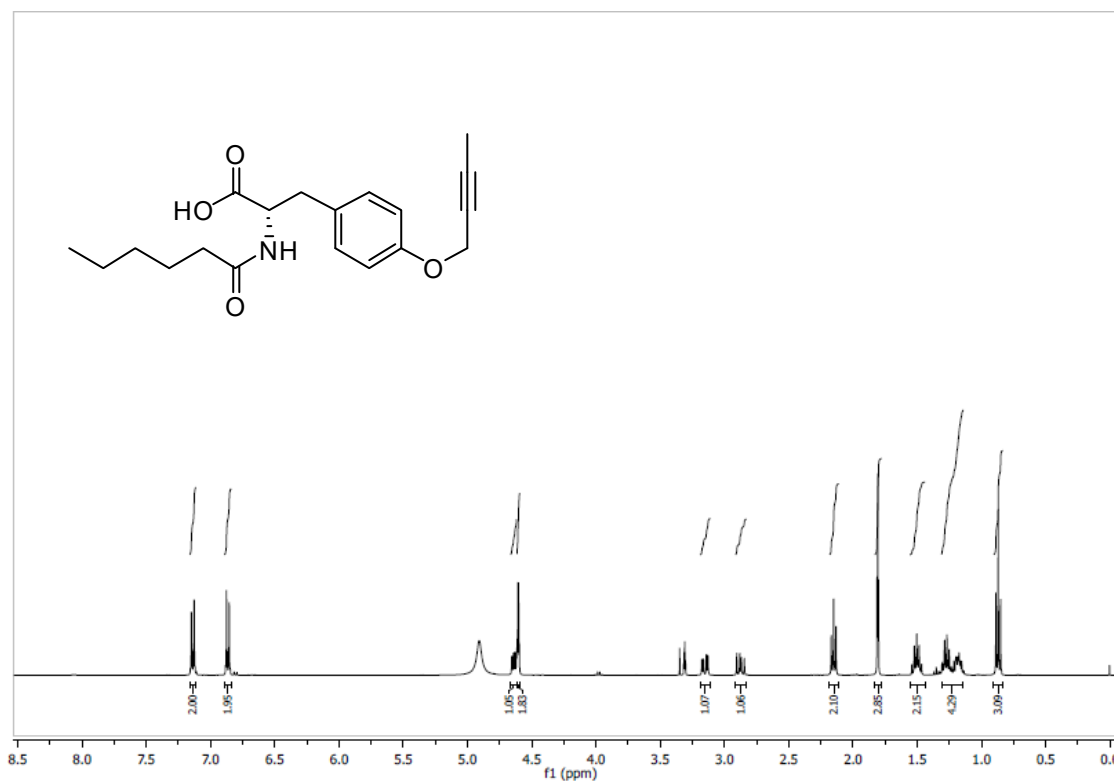


Fig. S8 —  $^1\text{H}$  NMR spectrum of compound B in  $\text{CD}_3\text{OD}$  (400 MHz)

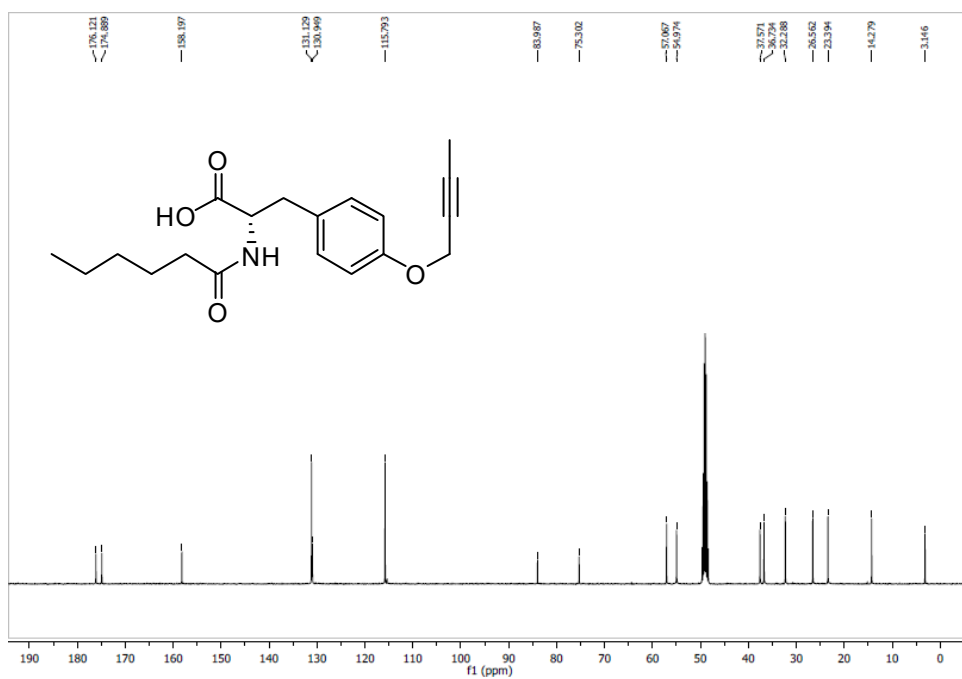


Fig. S9 —  $^{13}\text{C}$  NMR spectrum of compound B in  $\text{CD}_3\text{OD}$  (101 MHz)

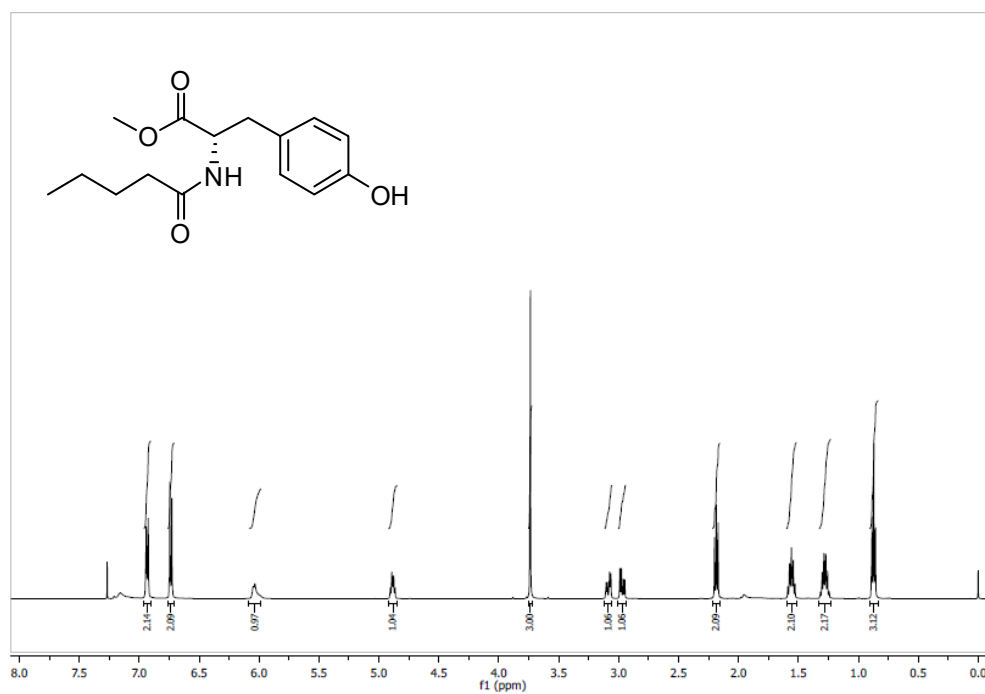


Fig. S10 —  $^1\text{H}$  NMR spectrum of compound 4 in  $\text{CDCl}_3$  (500 MHz)

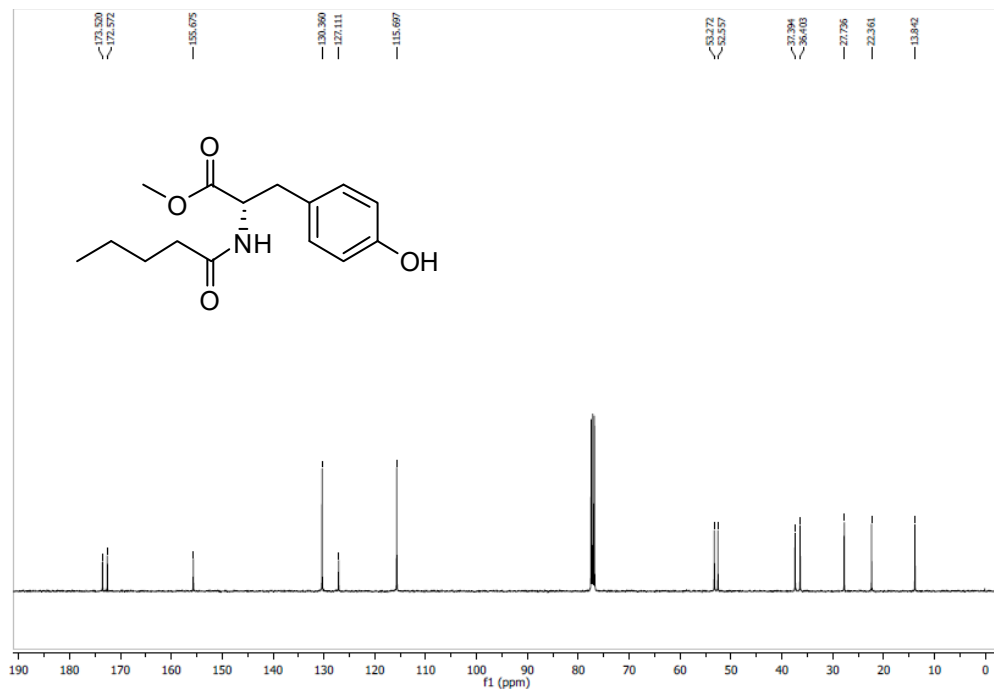


Fig. S11  $^{13}\text{C}$  NMR spectrum of compound 4 in  $\text{CDCl}_3$  (101 MHz)

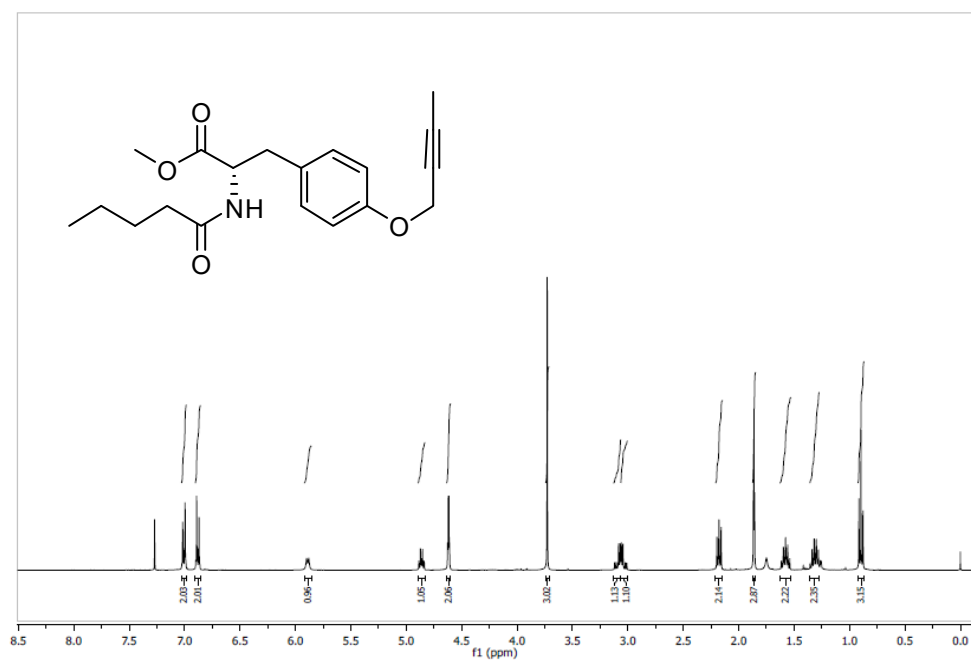


Fig. S12  $^1\text{H}$  NMR spectrum of compound 5 in  $\text{CDCl}_3$  (400 MHz)

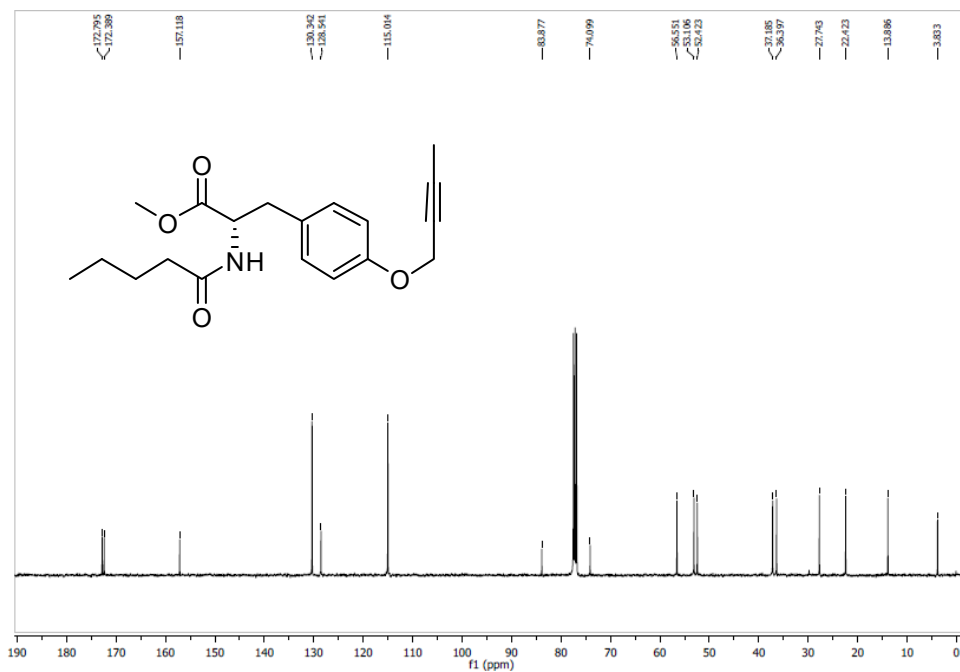


Fig. S13— $^{13}\text{C}$  NMR spectrum of compound 5 in  $\text{CDCl}_3$  (101 MHz)

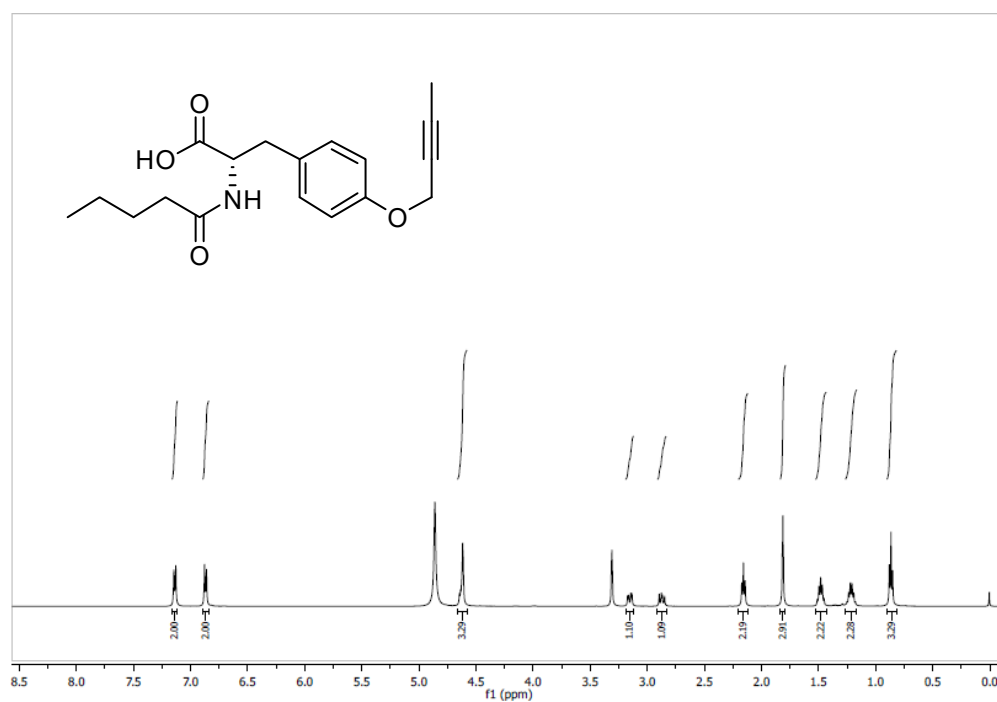


Fig. S14— $^1\text{H}$  NMR spectrum of compound C in  $\text{CD}_3\text{OD}$  (500 MHz)



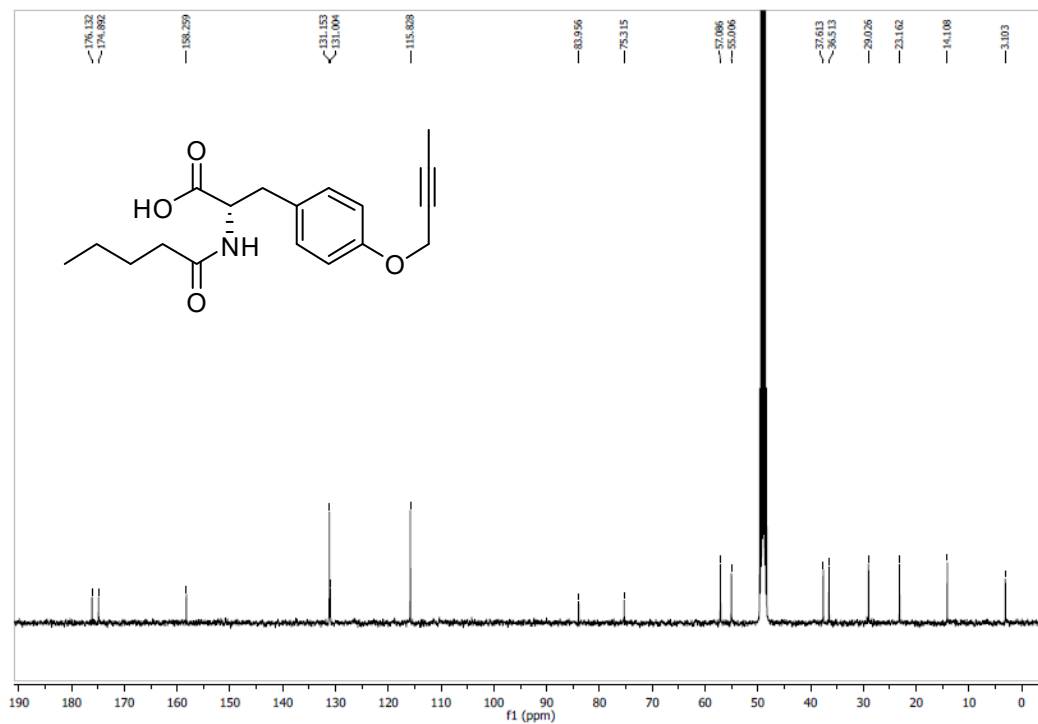


Fig. S15 — <sup>13</sup>C NMR spectrum of compound C in CD<sub>3</sub>OD (101 MHz)

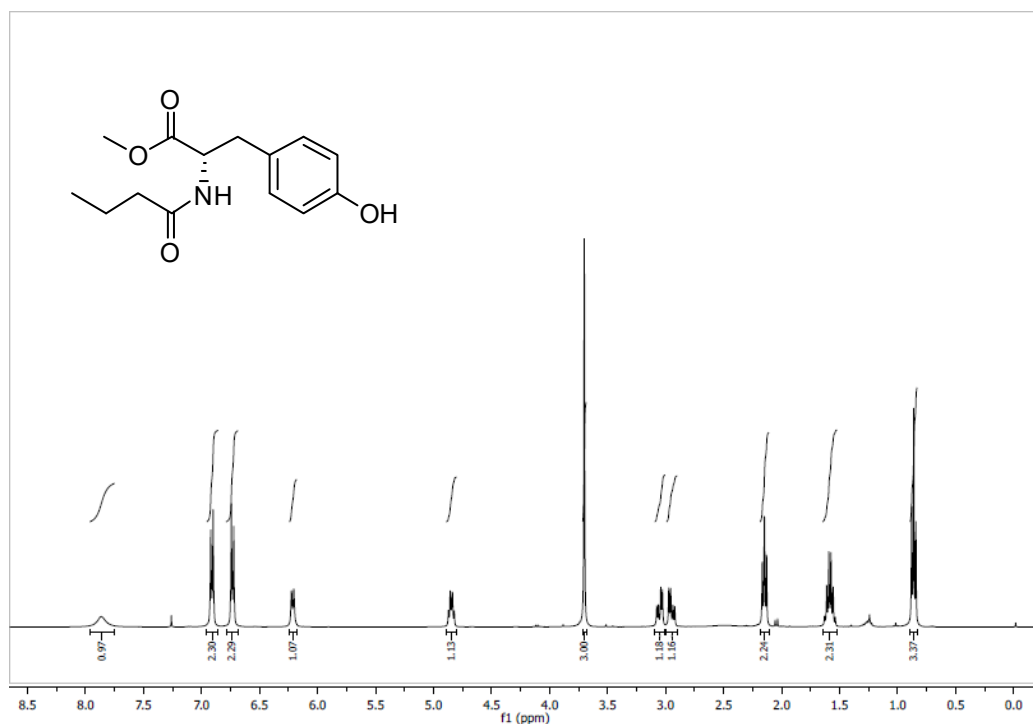


Fig. S16 — <sup>1</sup>H NMR spectrum of compound 6 in CDCl<sub>3</sub> (400 MHz)

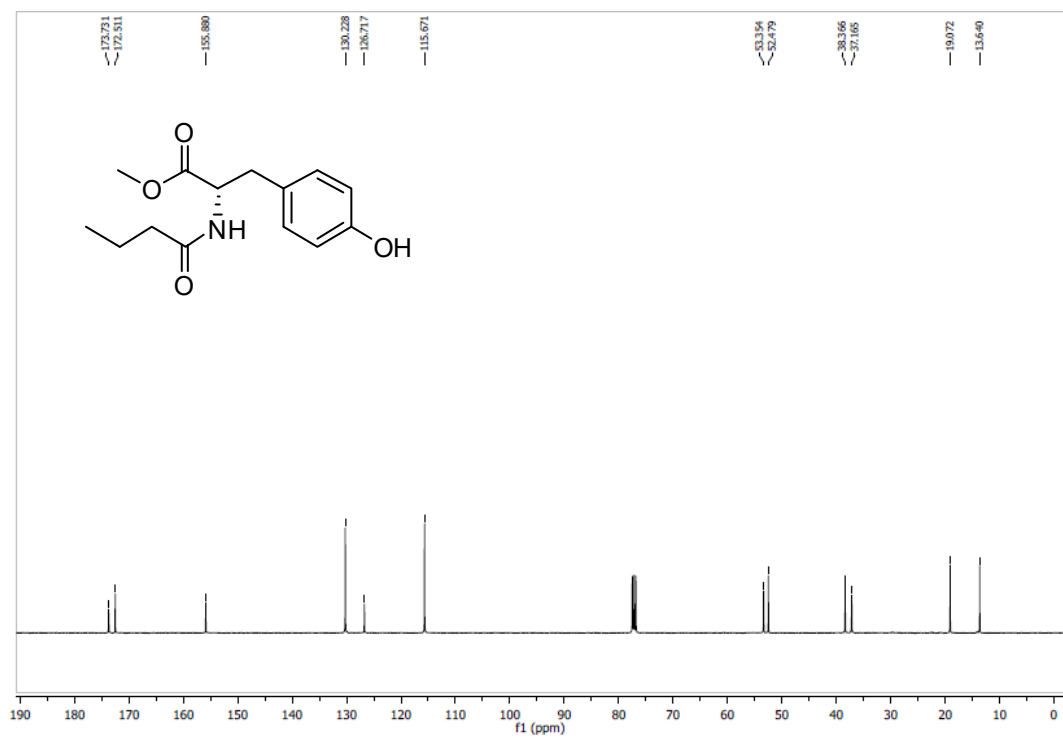


Fig. S17 —  $^{13}\text{C}$  NMR spectrum of compound 6 in  $\text{CDCl}_3$  (100 MHz)

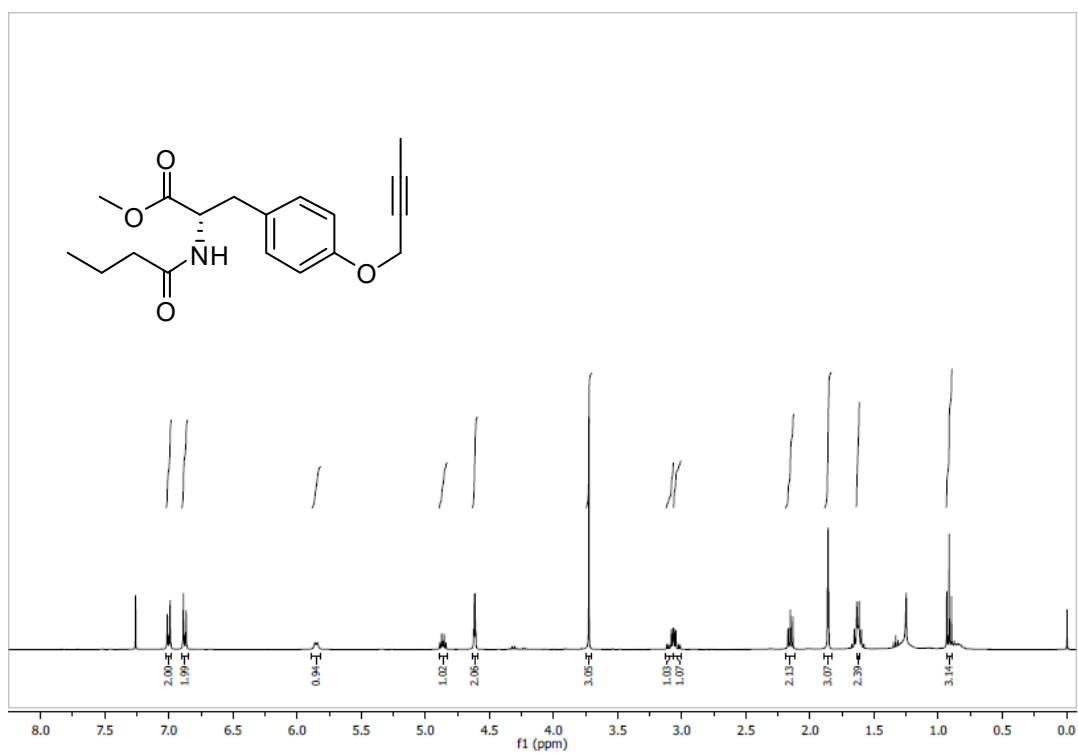


Fig. S18 —  $^1\text{H}$  NMR spectrum of compound 7 in  $\text{CDCl}_3$  (400 MHz)

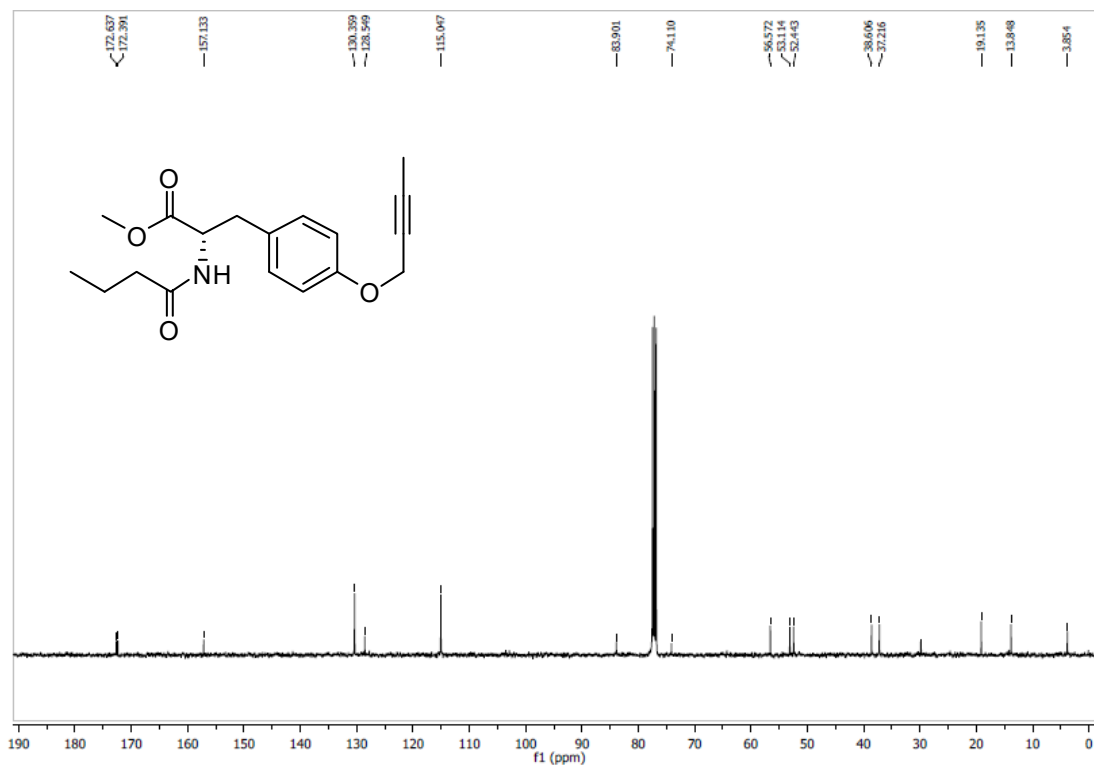


Fig. S19 —  $^{13}\text{C}$  NMR spectrum of compound 7 in  $\text{CDCl}_3$  (100 MHz)

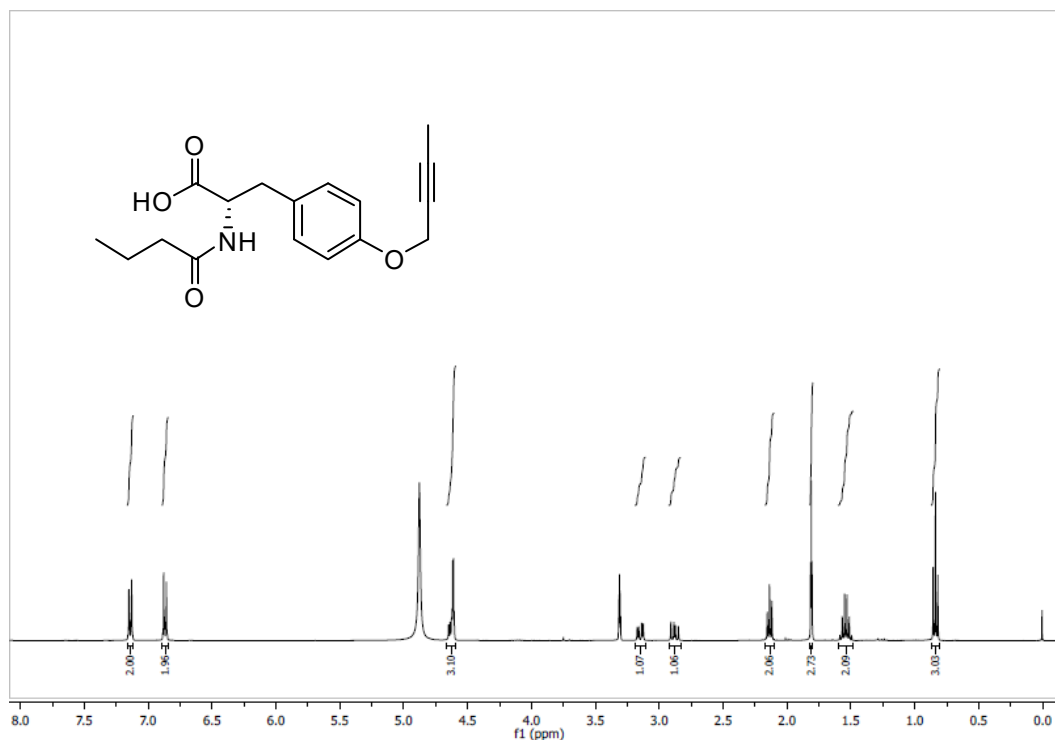


Fig. S20 —  $^1\text{H}$  NMR spectrum of compound D in  $\text{CD}_3\text{OD}$  (400 MHz)

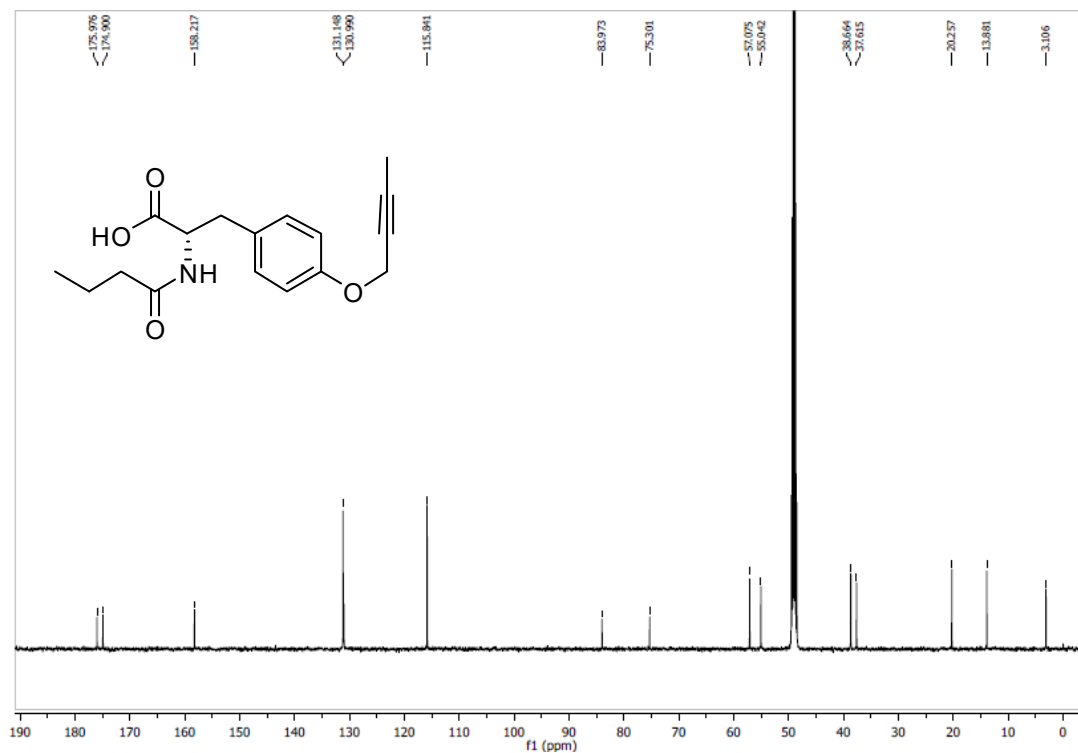


Fig. S21 —  $^{13}\text{C}$  NMR spectrum of compound D in  $\text{CD}_3\text{OD}$  (126 MHz)

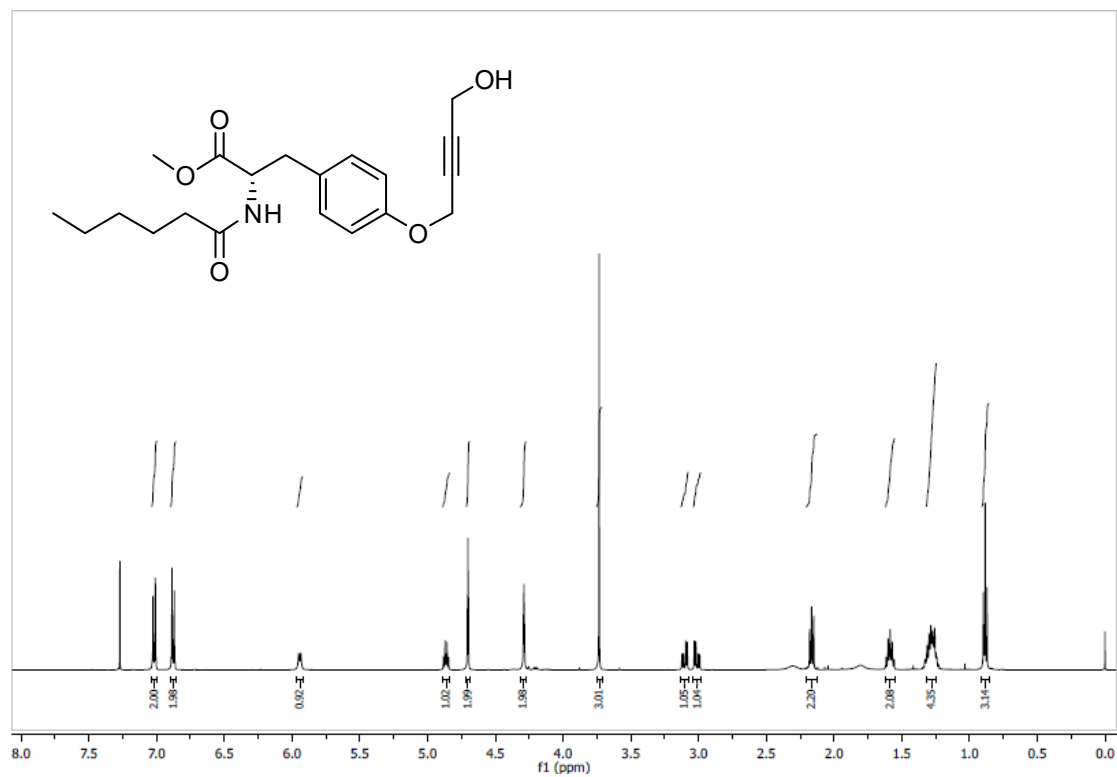


Fig. S22 —  $^1\text{H}$  NMR spectrum of compound 8 in  $\text{CDCl}_3$  (500 MHz)

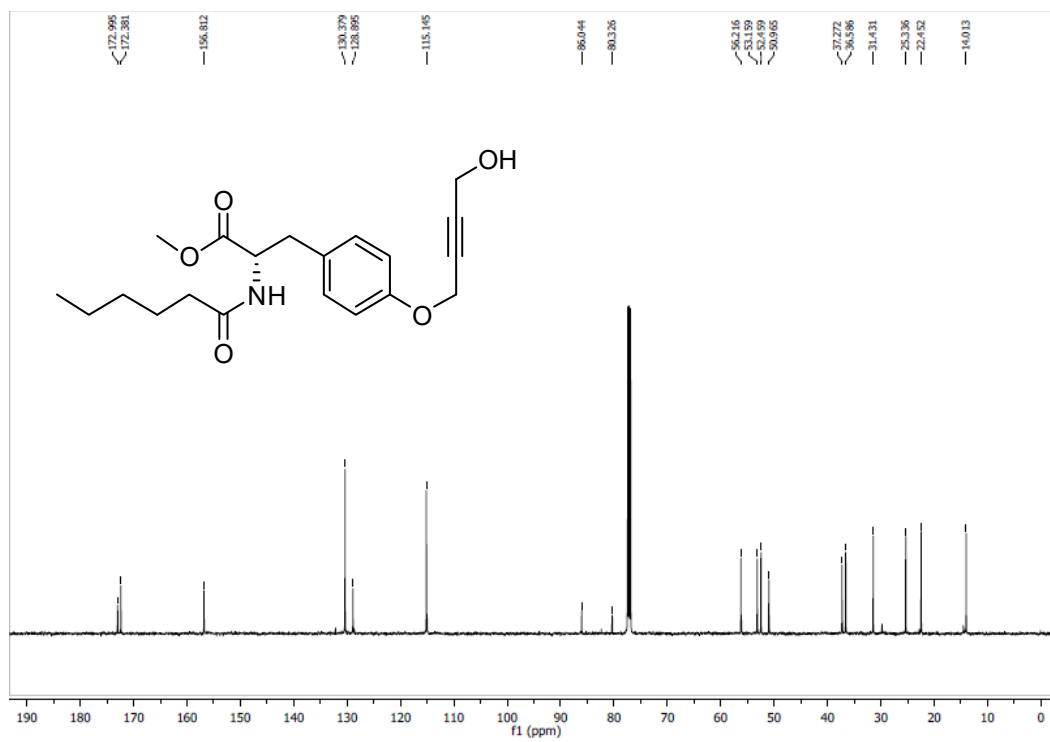


Fig. S23 —  $^{13}\text{C}$  NMR spectrum of compound 8 in  $\text{CDCl}_3$  (126 MHz)

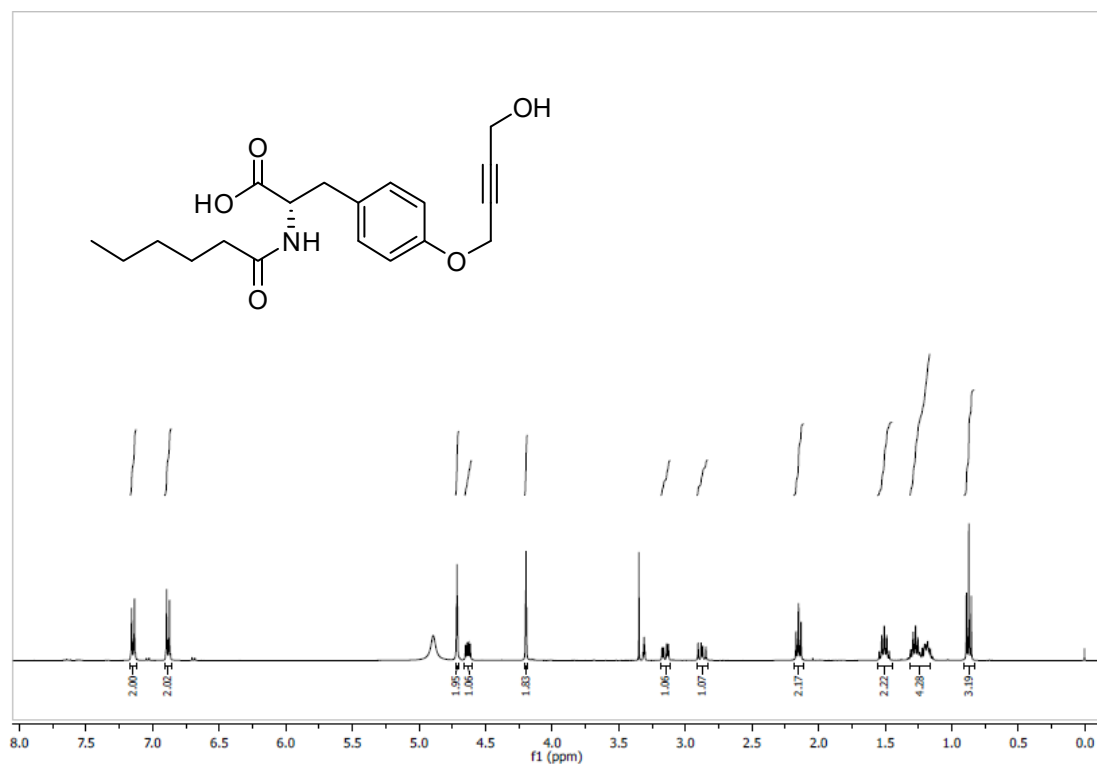


Fig. S24 —  $^1\text{H}$  NMR spectrum of compound E in  $\text{CD}_3\text{OD}$  (400 MHz)

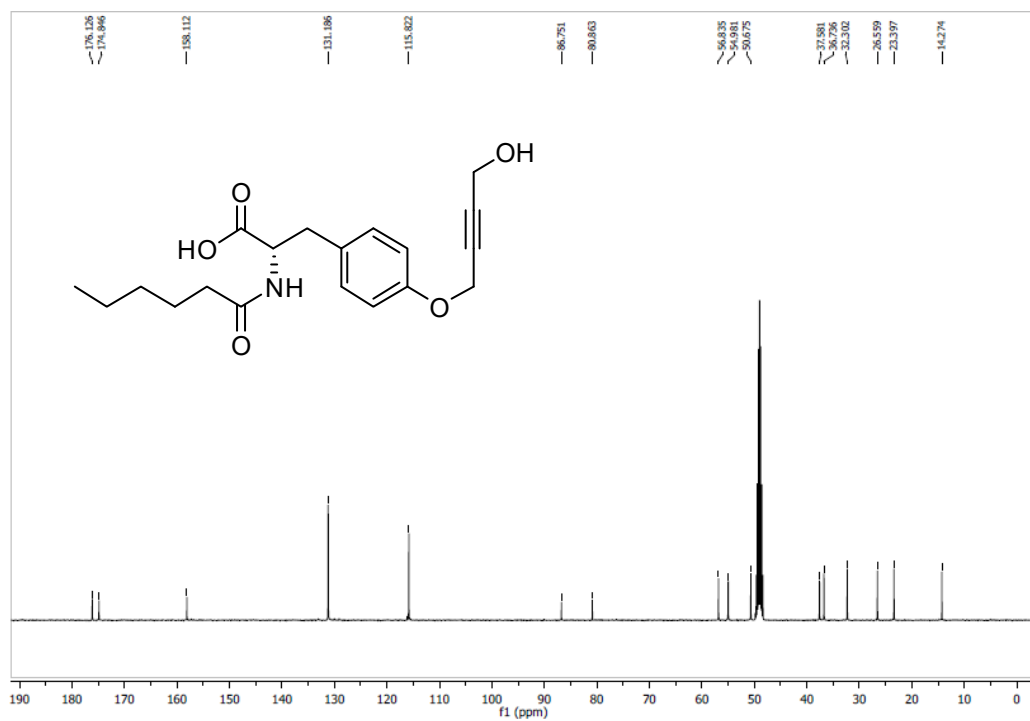


Fig. S25 —  $^{13}\text{C}$  NMR spectrum of compound E in  $\text{CD}_3\text{OD}$  (101 MHz)