Electronic Supplementary Information for

A Versatile Two-step Method for the Reductive Alkylation and Formal [4 + 2] Annulation of Secondary Lactams: Step Economical Syntheses of the ant venom Alkaloids (2*R*,5*S*)-2-Butyl-5-propylpyrrolidine and (+)-Monomorine I

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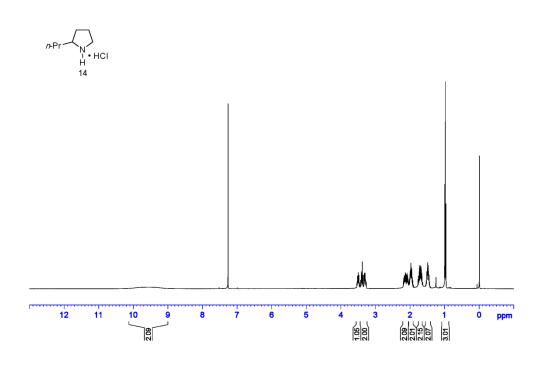
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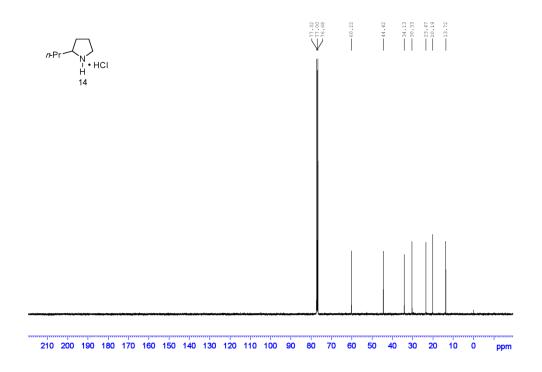
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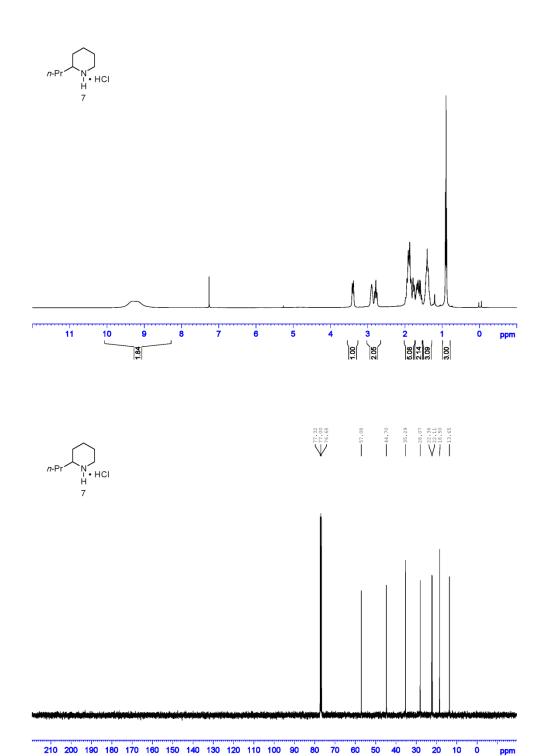
- 1 H and 13 C NMR spectra of compounds **7**, **8**, **10**, **14** ~ **16**, **19** ~ **21** (pp. 2-10)
- ¹³C NMR DEPT135 spectrum of compound **10** (pp. 11)

¹H and ¹³C NMR spectra of compound **14**

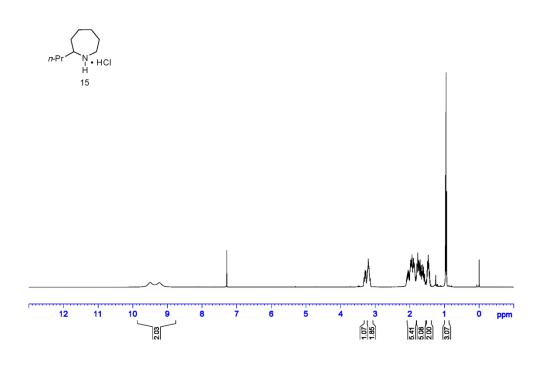


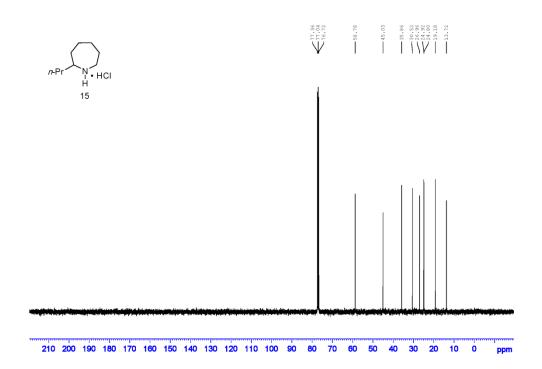


 ^{1}H and ^{13}C NMR spectra of compound 7

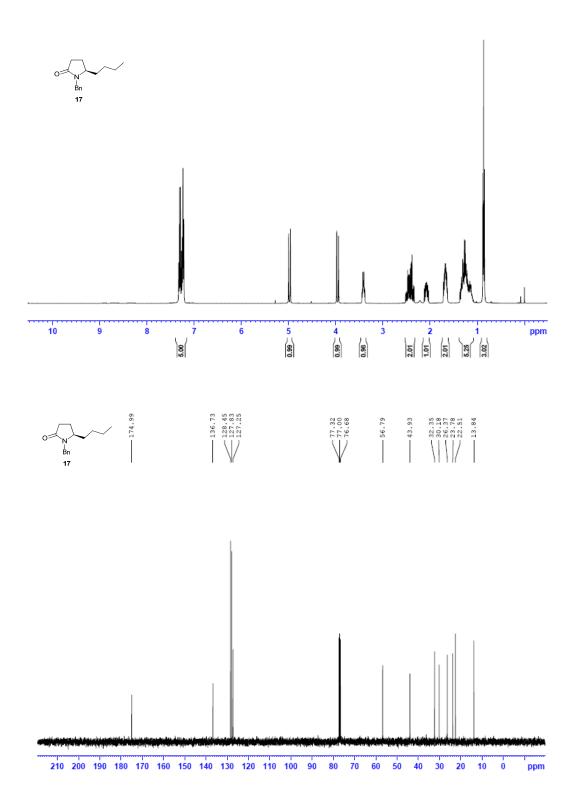


¹H and ¹³C NMR spectra of compound **15**

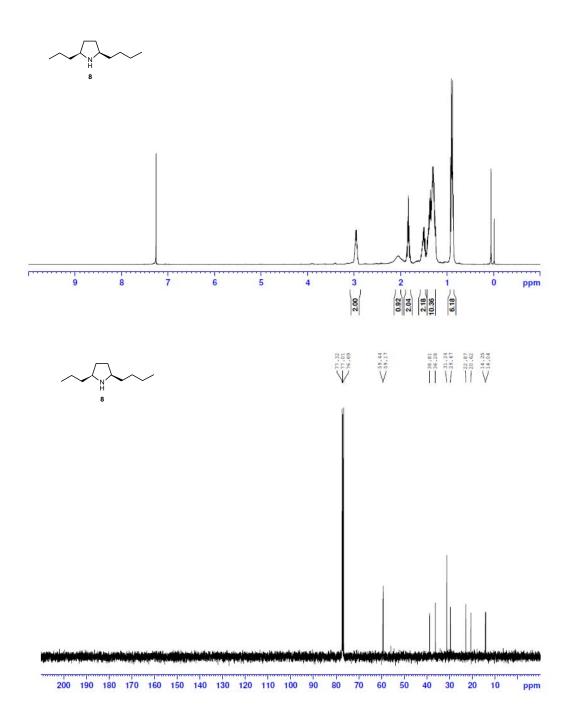




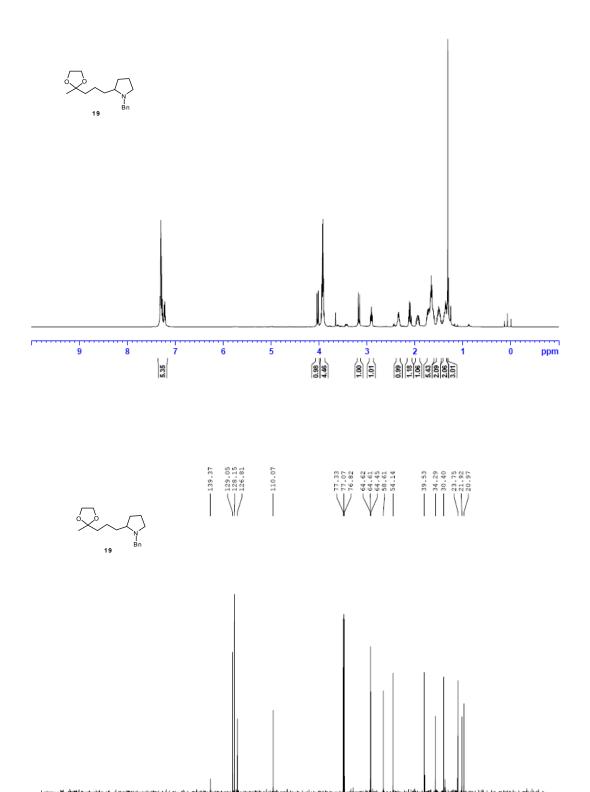
¹H and ¹³C NMR spectra of compound **17**



¹H and ¹³C NMR spectra of compound **8**

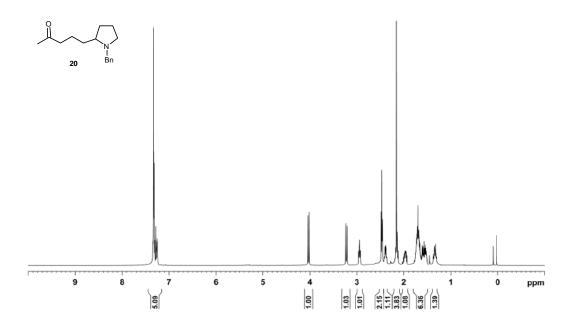


¹H and ¹³C NMR spectra of compound **19**

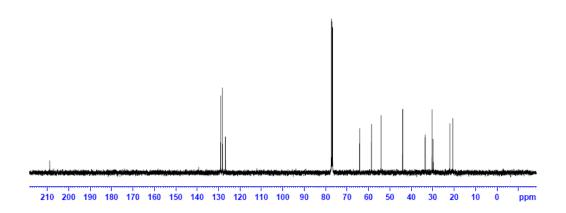


210 200 190 180 170 160 150 140 130 120 110 100 90

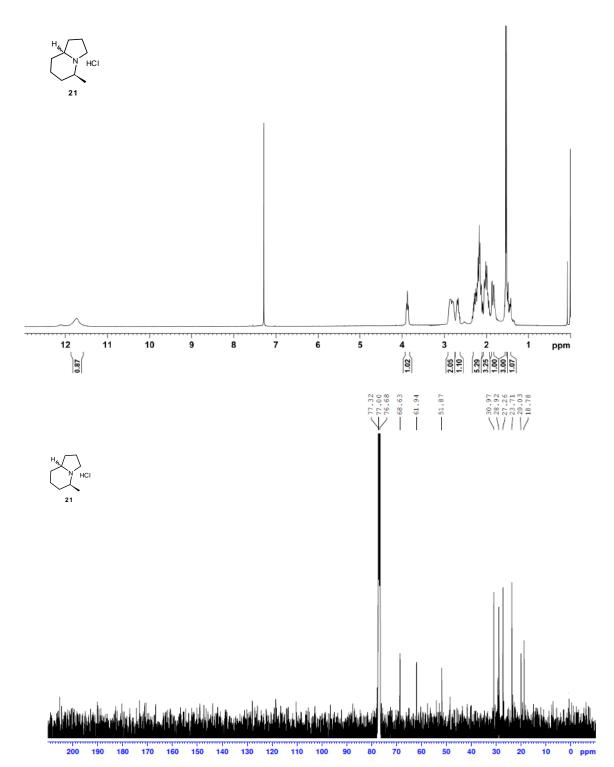
¹H and ¹³C NMR spectra of compound **20**



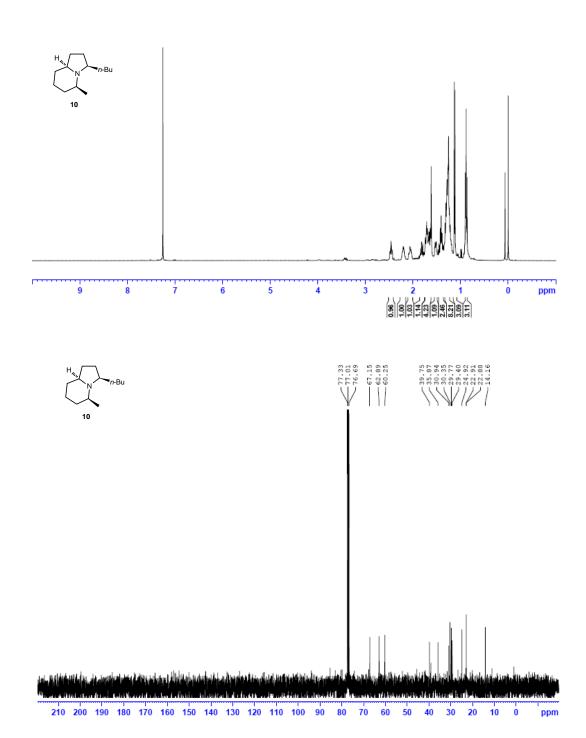




¹H and ¹³C NMR spectra of compound **21**



¹H and ¹³C NMR spectra of compound **10**



13 C NMR DEPT135 spectrum of compound ${f 10}$

