

Supplementary Material

Synthesis and biological evaluation of *N*-cyanoalkyl-, *N*-aminoalkyl-, and *N*-guanidinoalkyl-substituted 4-aminoquinoline derivatives as potent, selective, brain permeable antitrypanosomal agents

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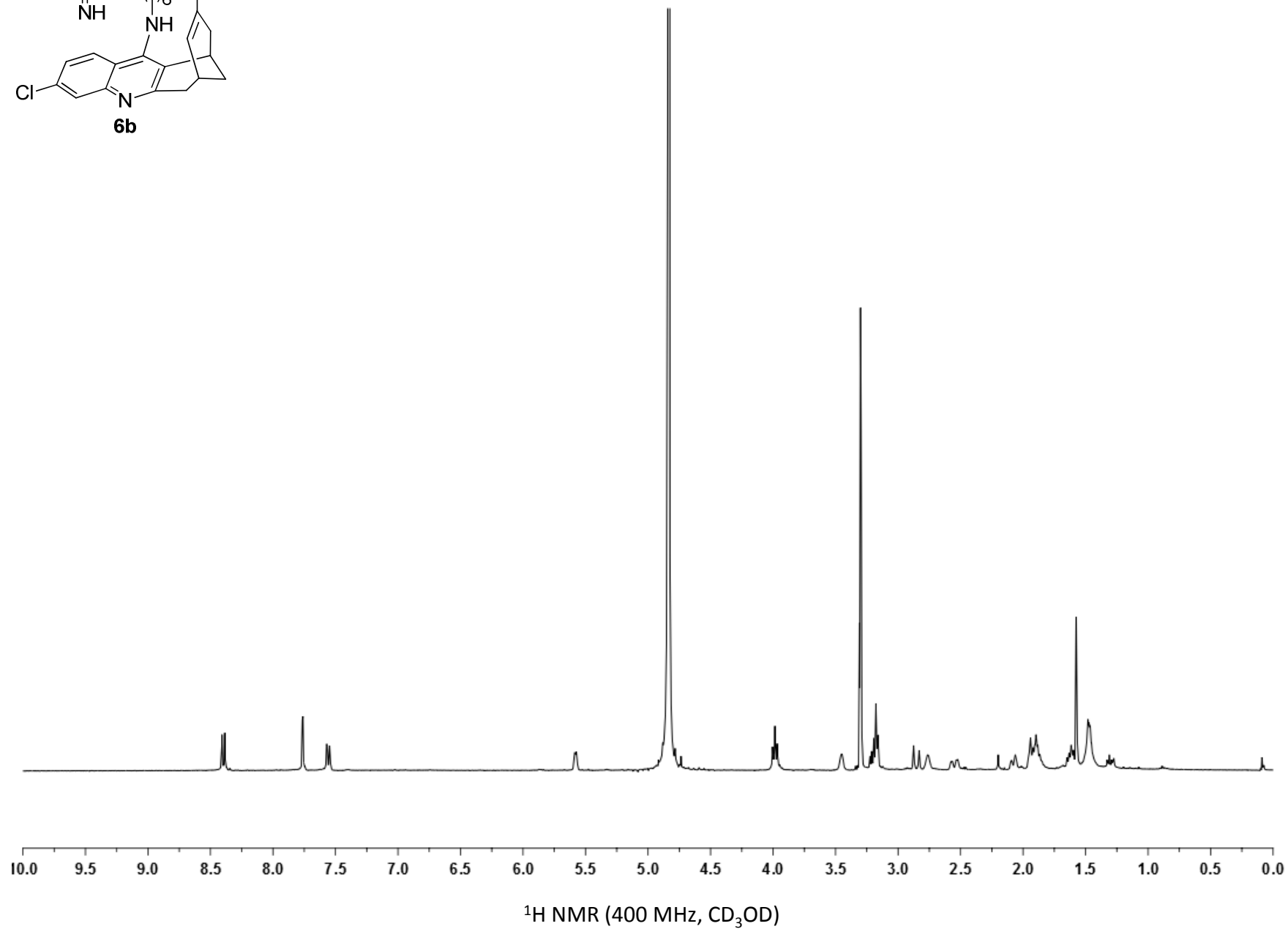
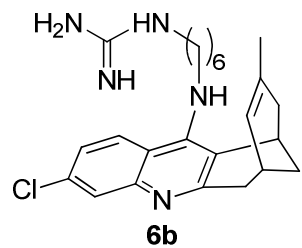
^c *Department of Pharmacology, Therapeutics and Toxicology, Institute of Neurosciences, Autonomous University of Barcelona, E-08193, Bellaterra, Barcelona, Spain*

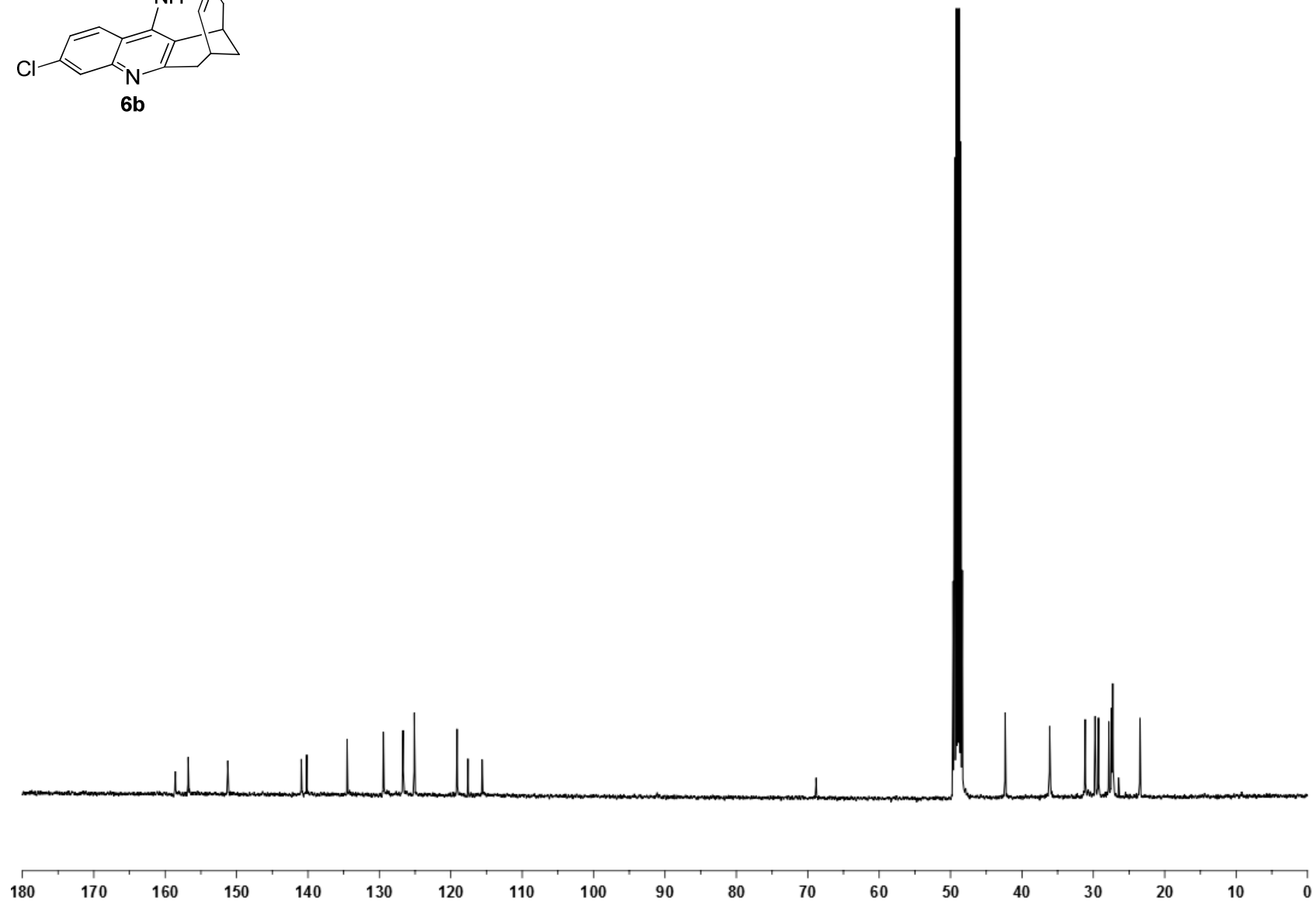
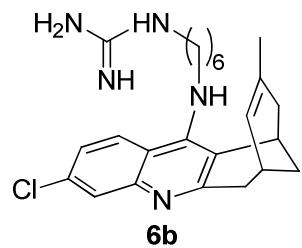
^d *Bradford School of Pharmacy, University of Bradford, West Yorkshire BD7 1 DP, United Kingdom*

* Corresponding author. Tel.: +34 934024533; fax: +34 934035941.

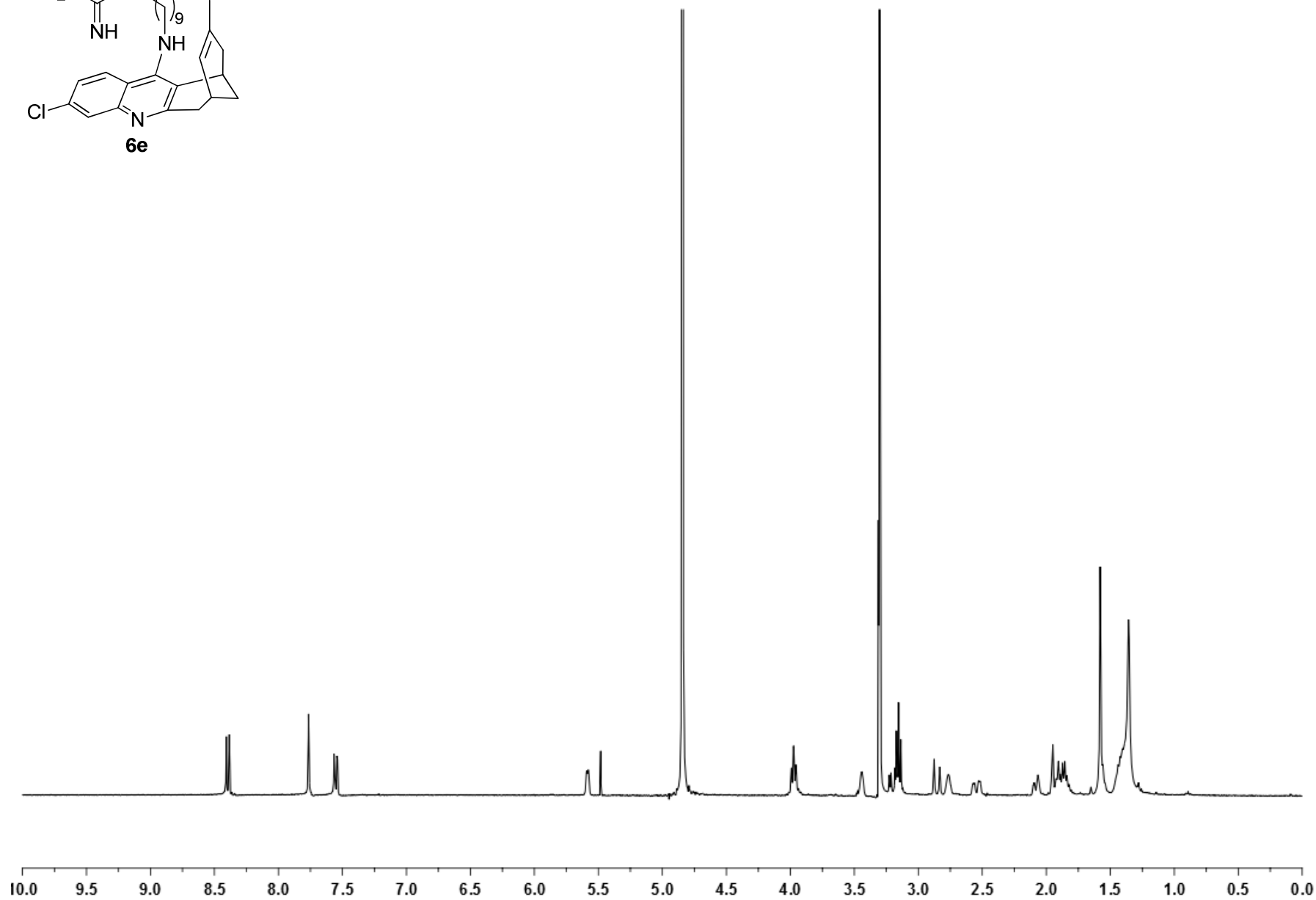
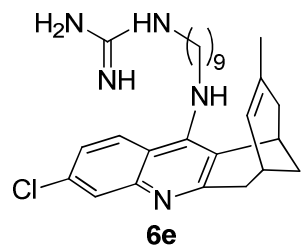
E-mail address: dmunoztorrero@ub.edu (D. Muñoz-Torrero).

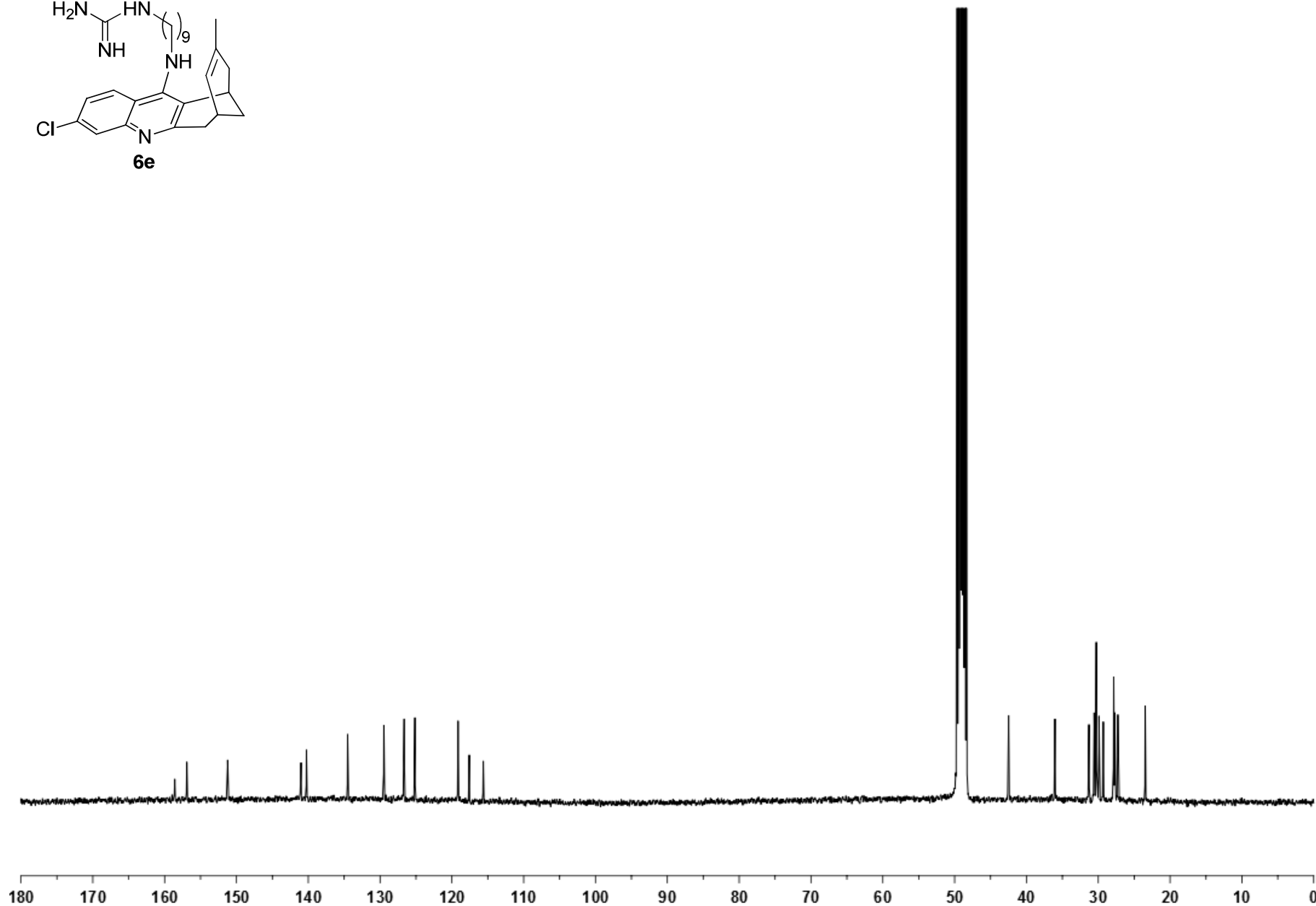
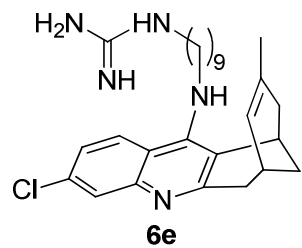
Copies of ^1H and ^{13}C NMR spectra of the new compounds



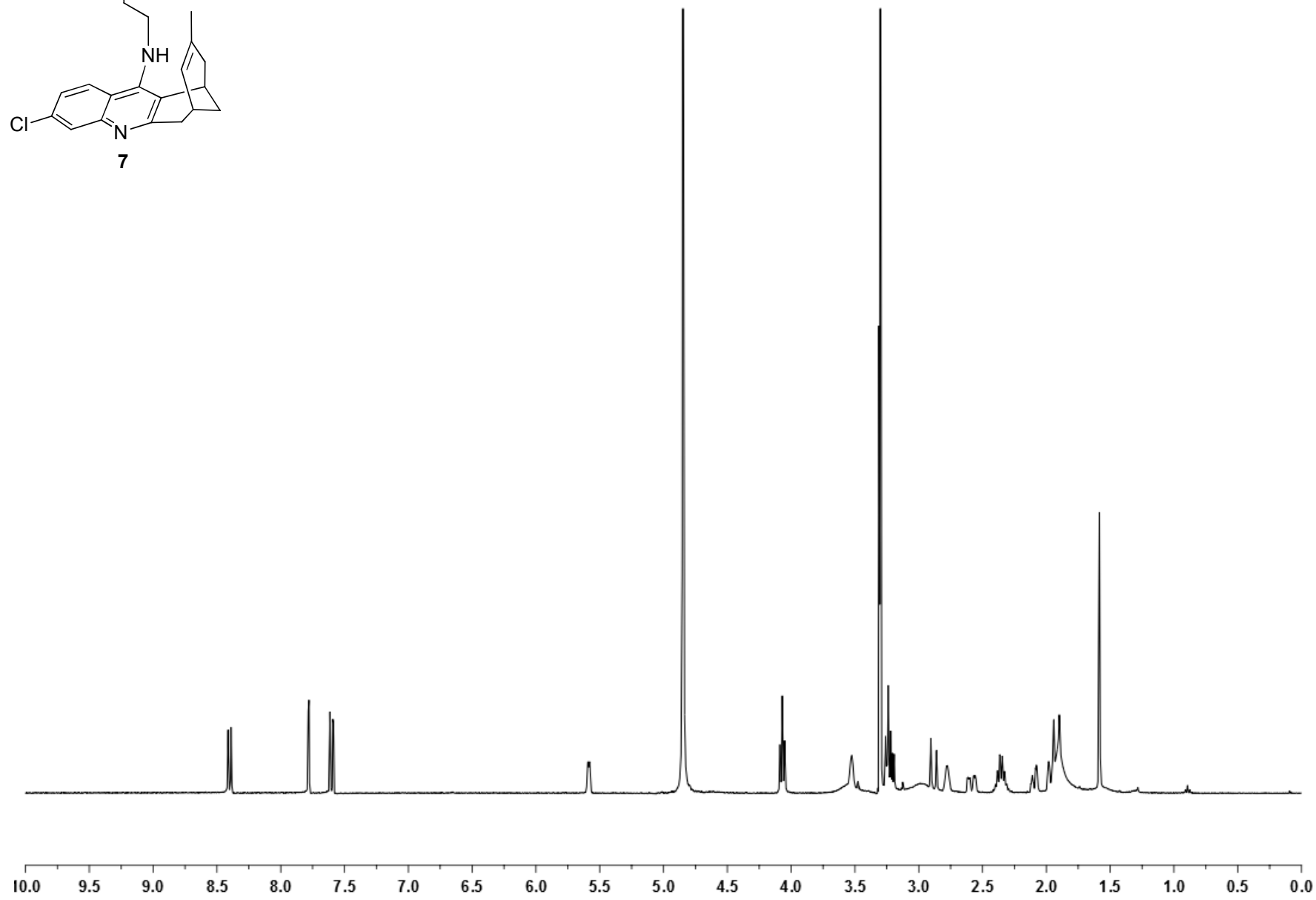
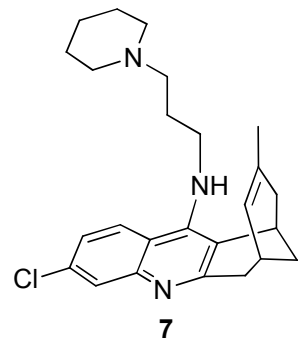


^{13}C NMR (100.6 MHz, CD₃OD)

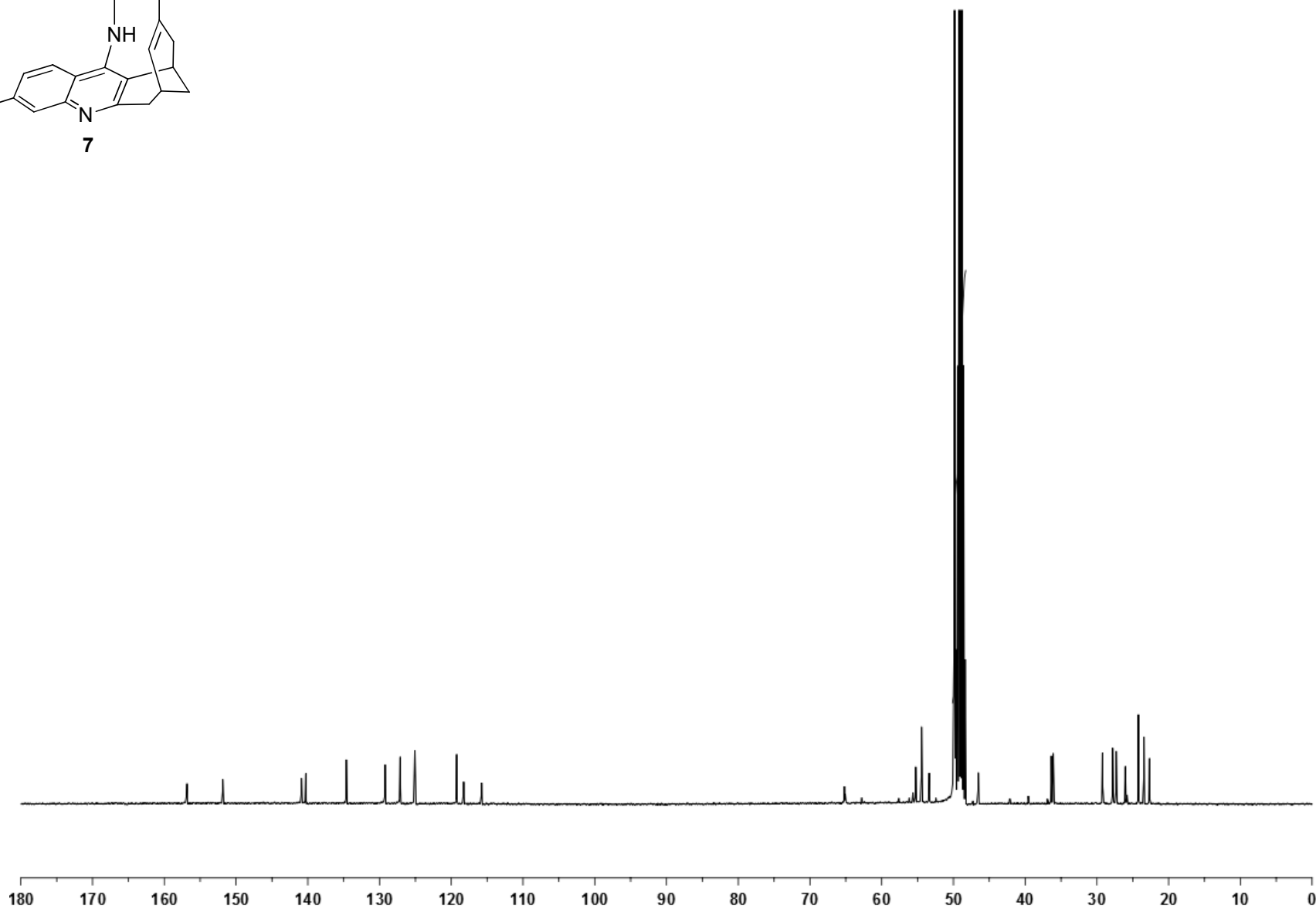
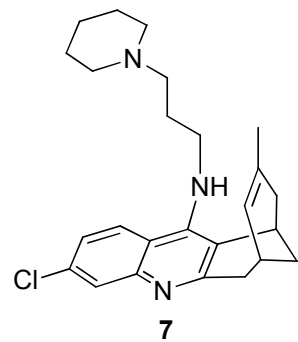




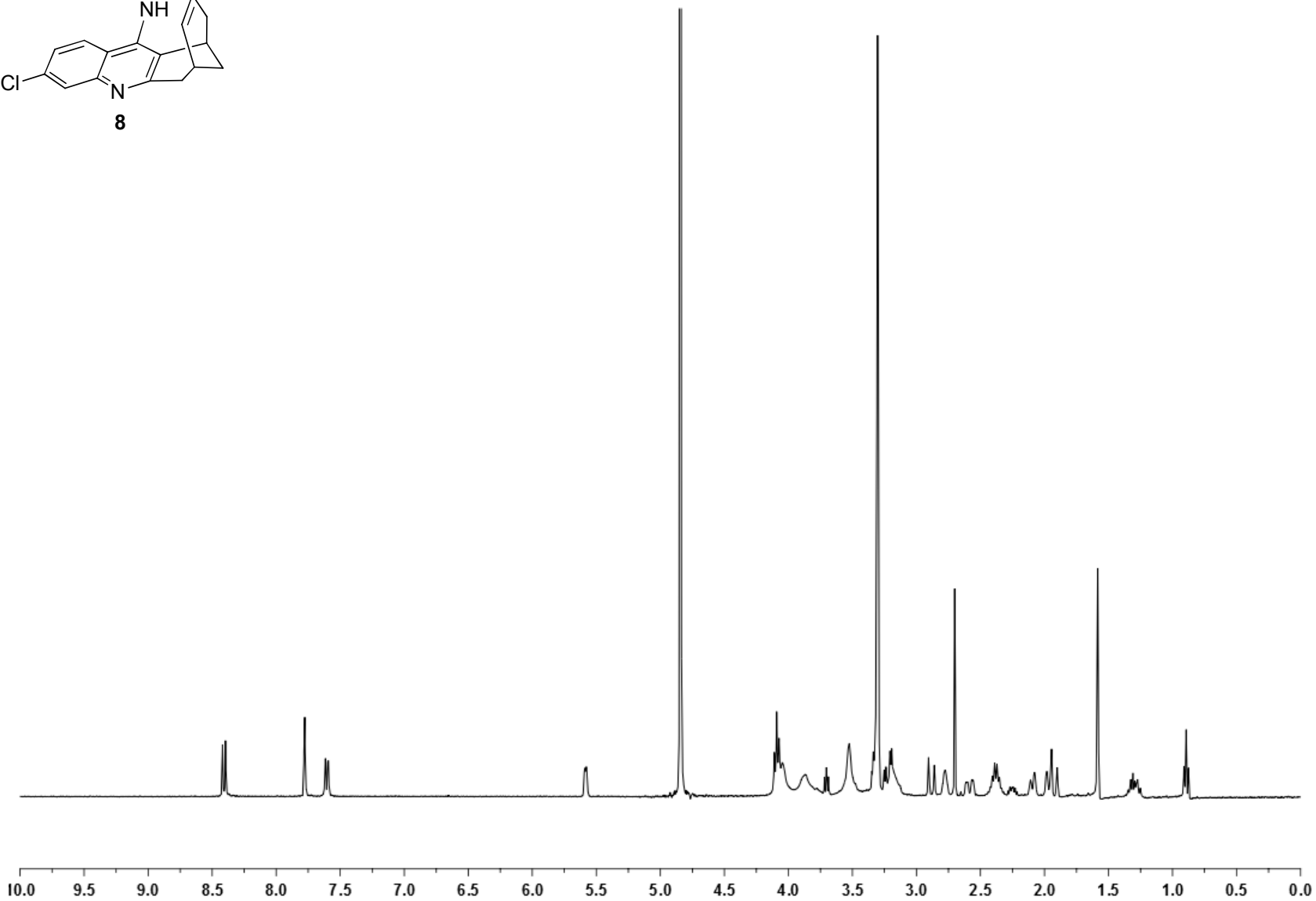
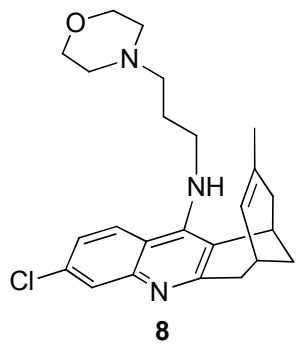
¹³C NMR (100.6 MHz, CD₃OD)



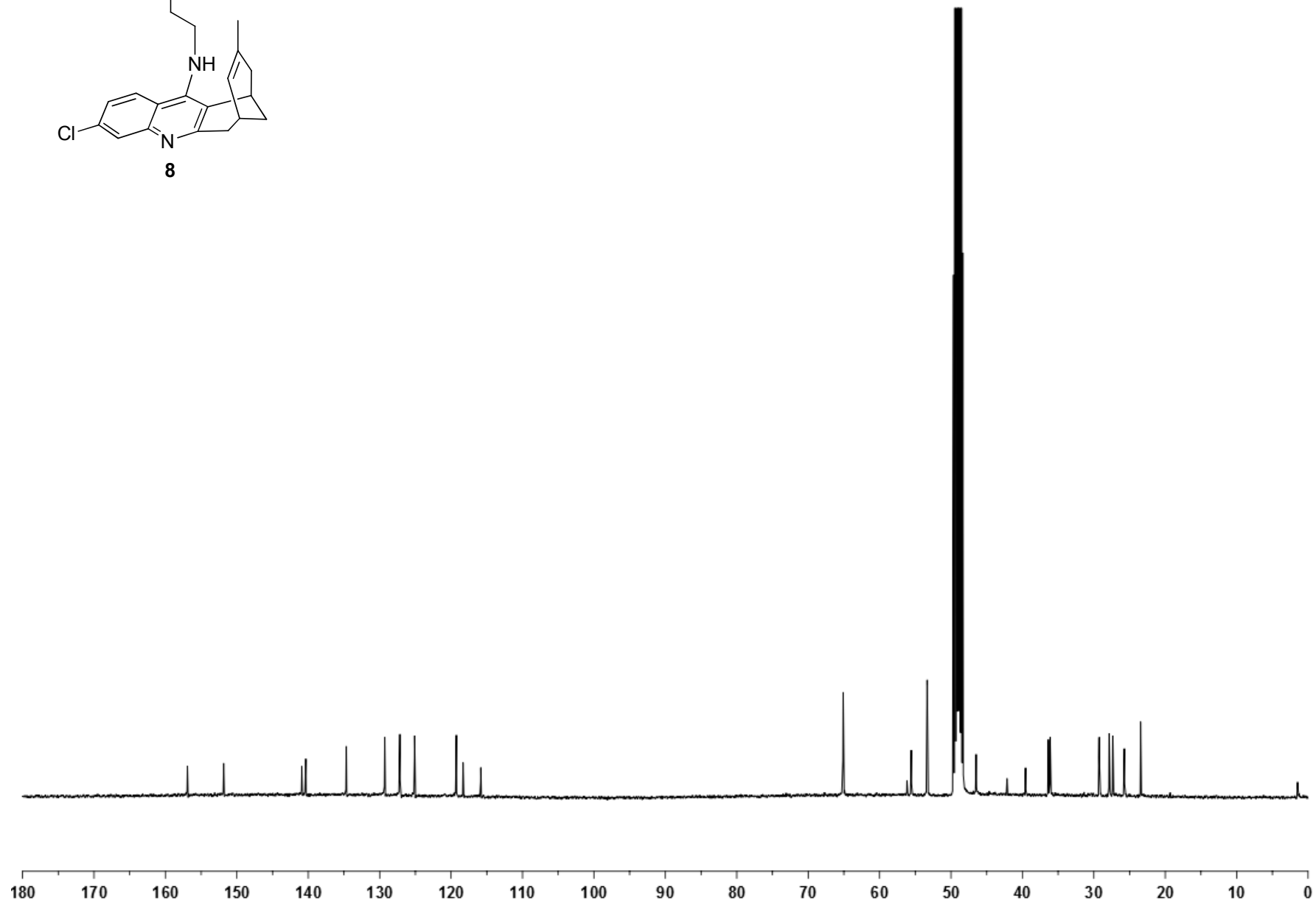
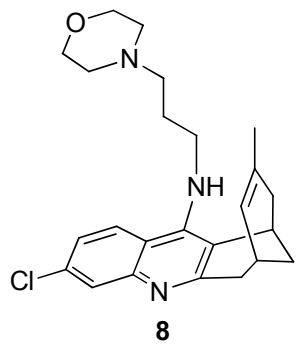
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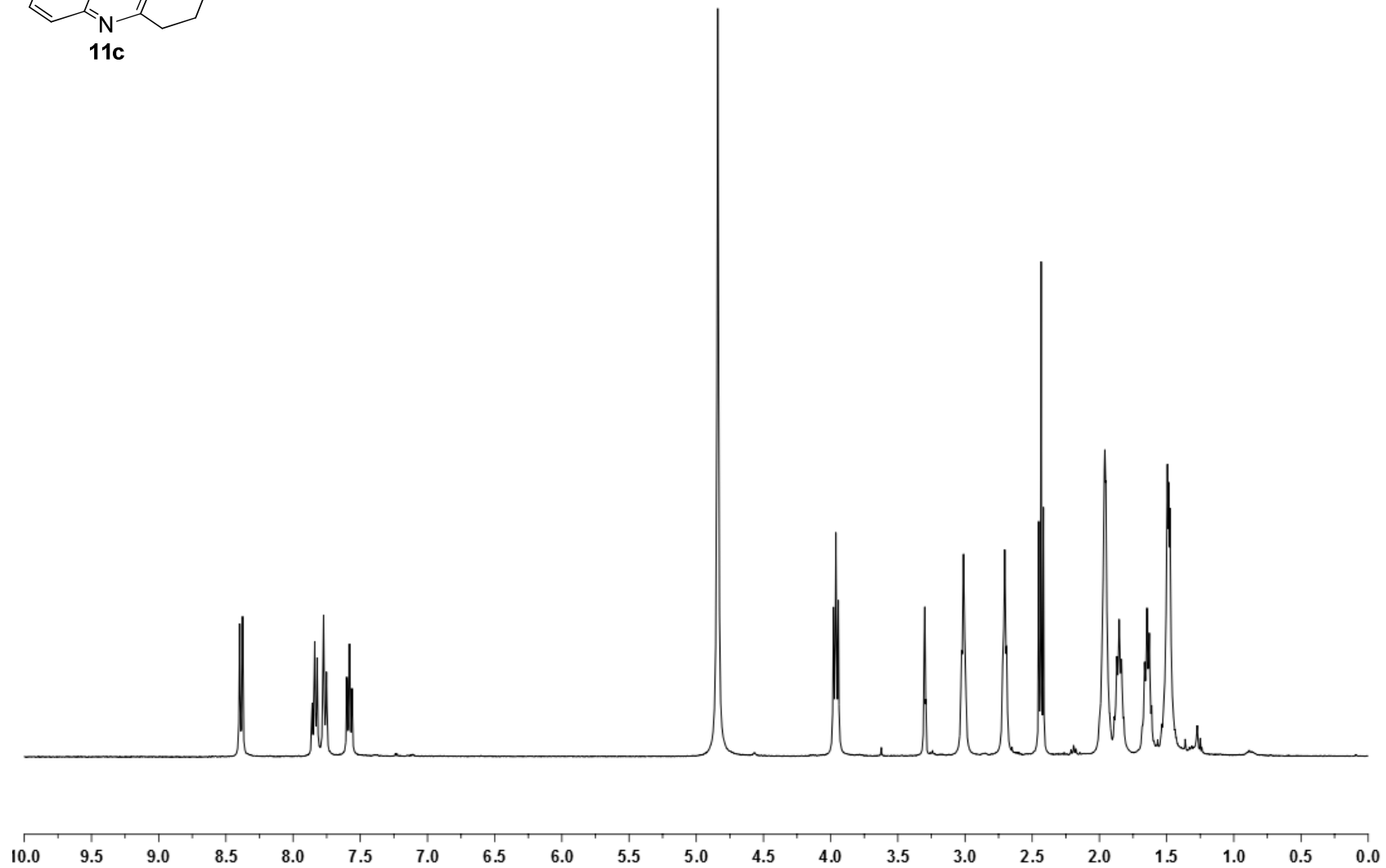
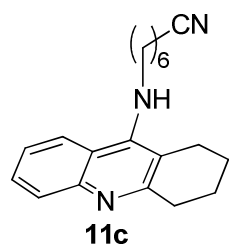
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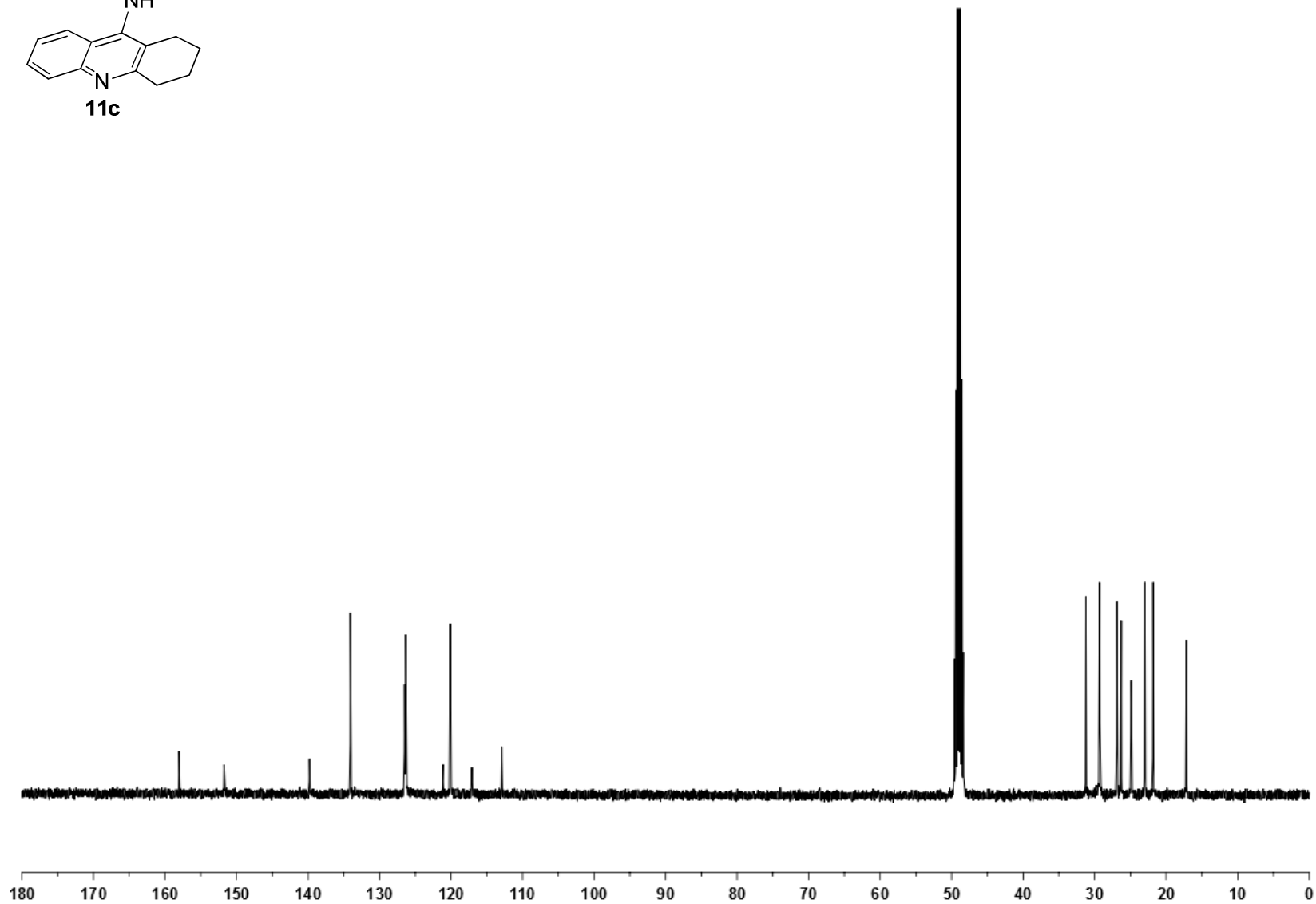
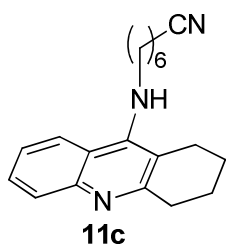
¹H NMR (400 MHz, CD₃OD)



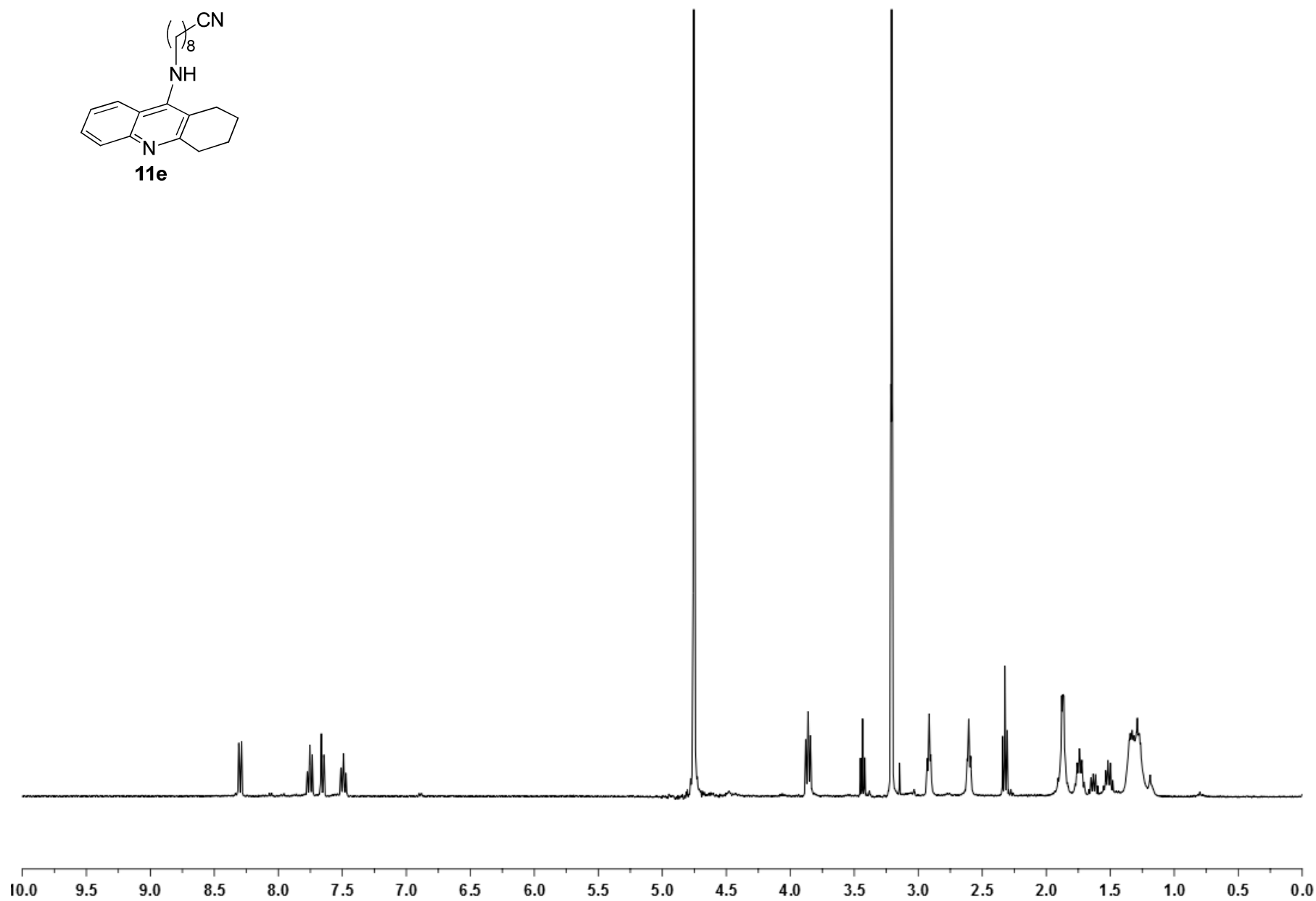
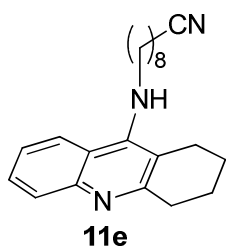
¹³C NMR (100.6 MHz, CD₃OD)



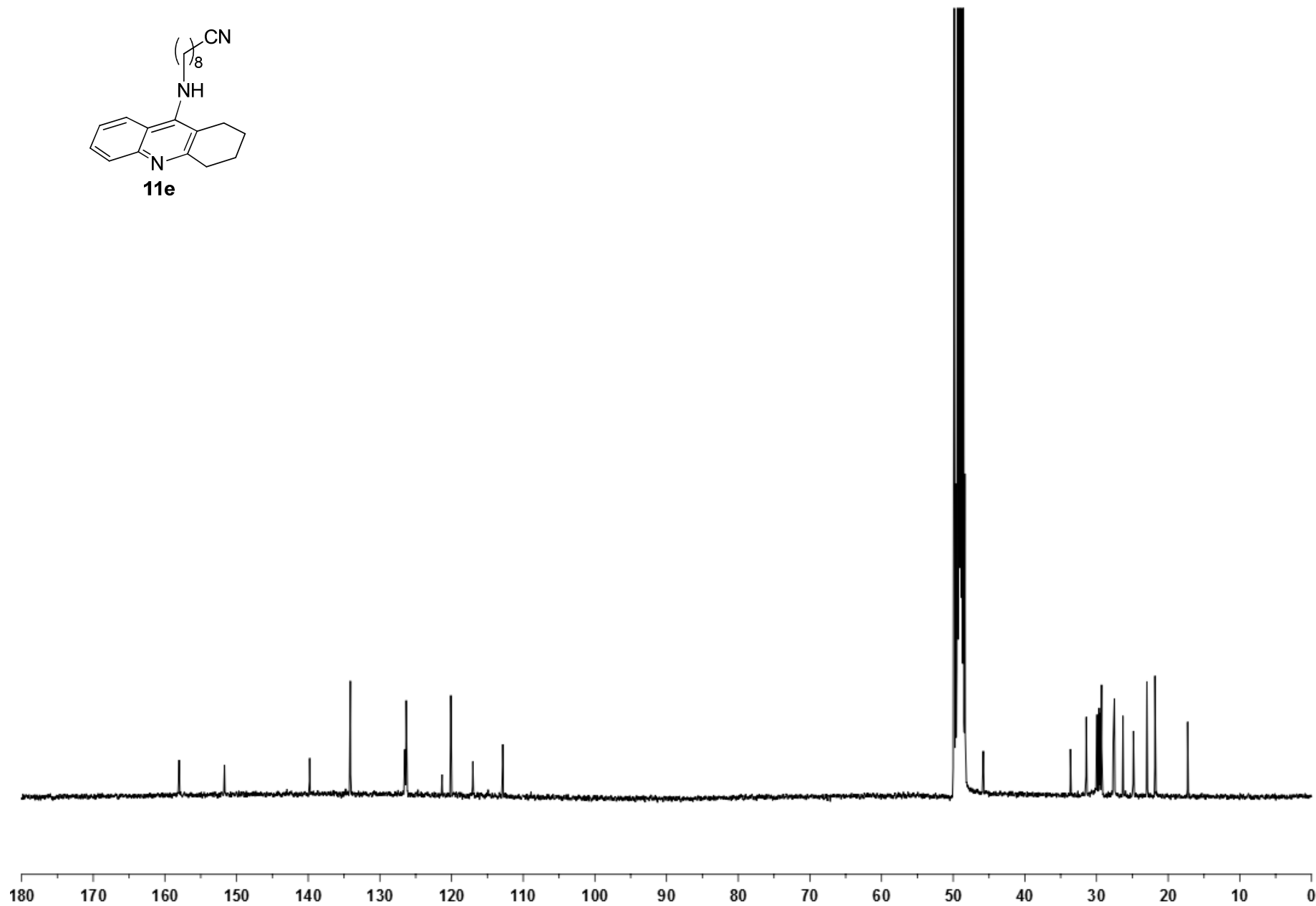
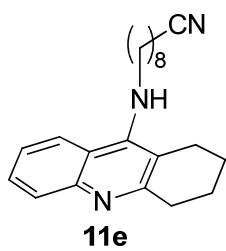
¹H NMR (400 MHz, CD₃OD)



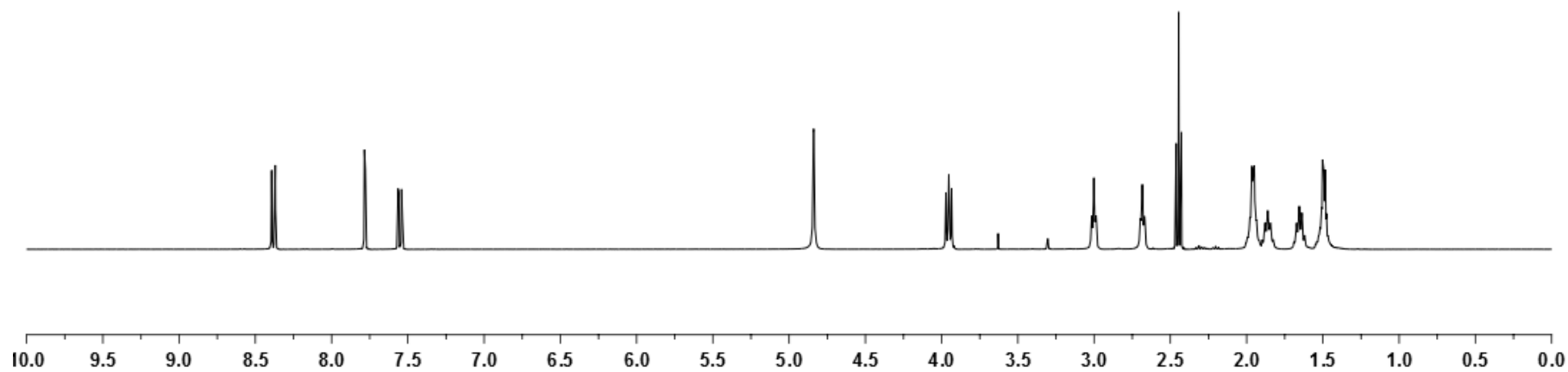
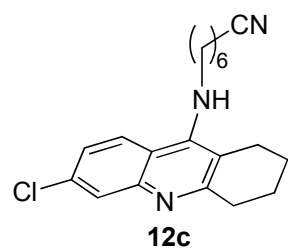
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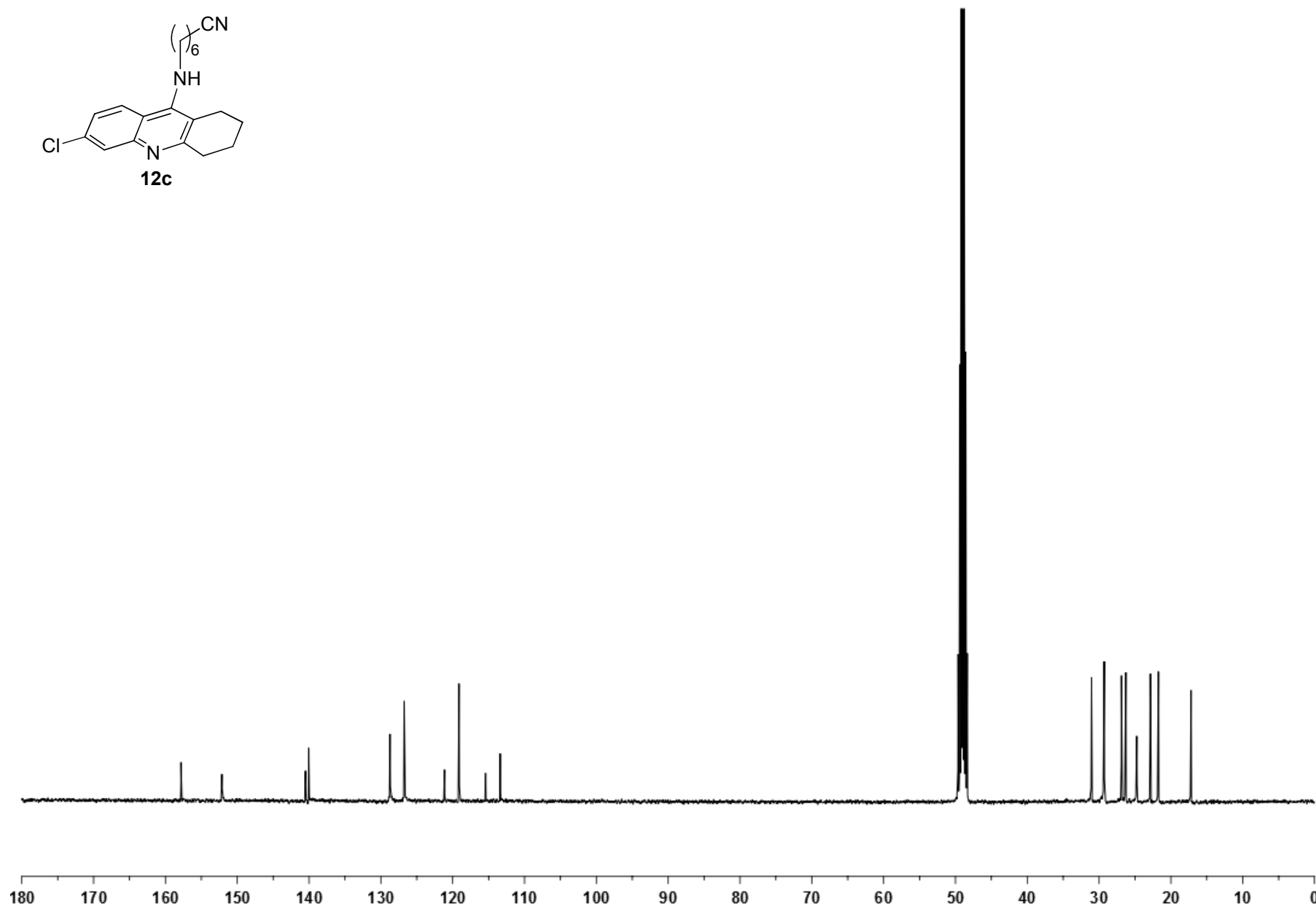
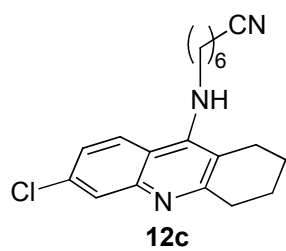
¹H NMR (400 MHz, CD₃OD)



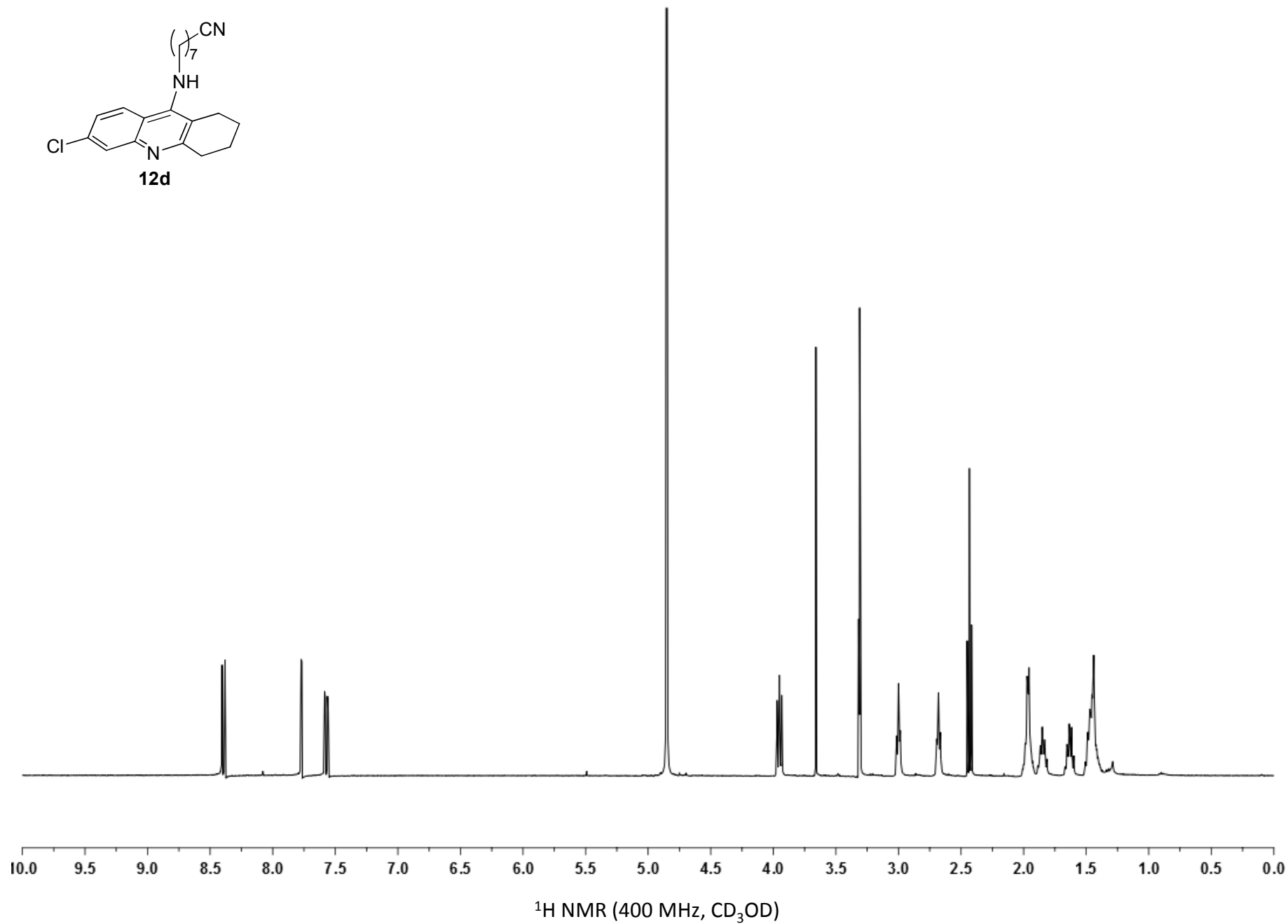
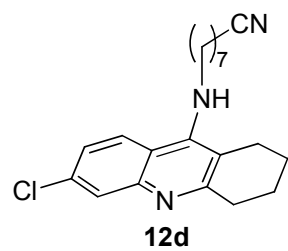
^{13}C NMR (100.6 MHz, CD_3OD)

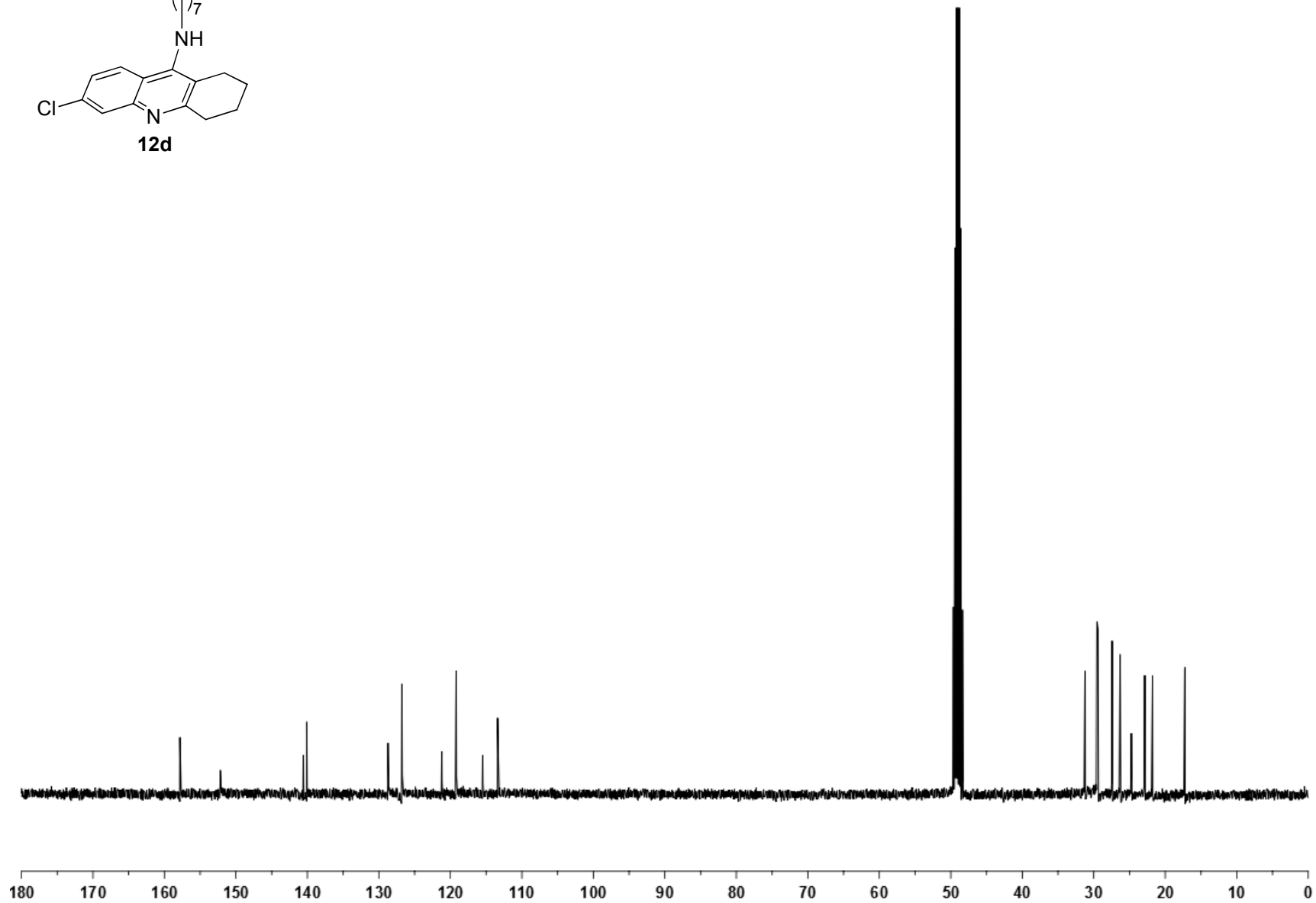
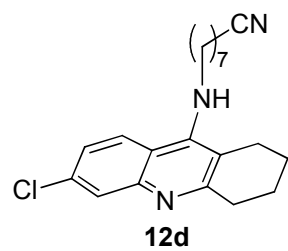


¹H NMR (400 MHz, CD₃OD)

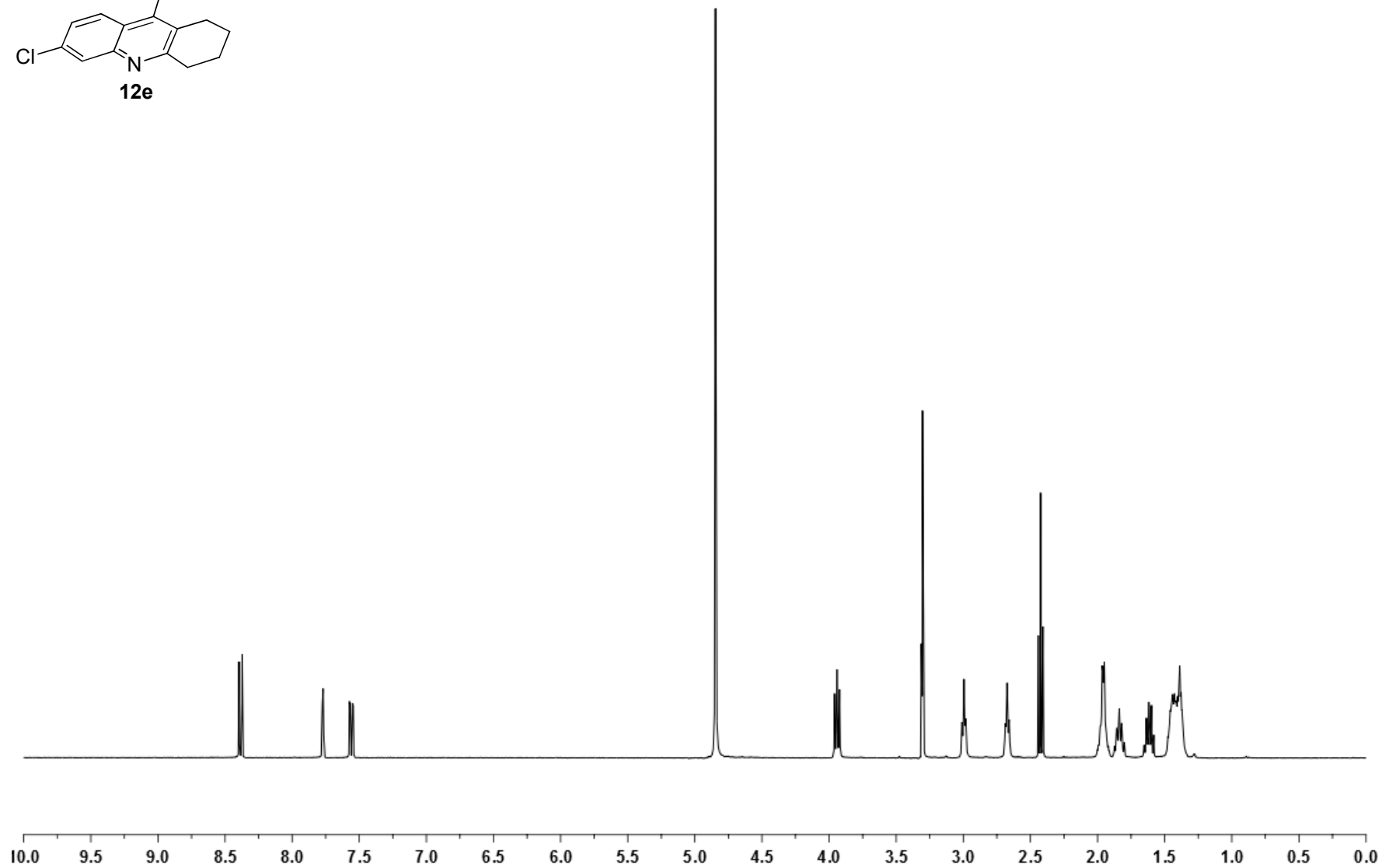
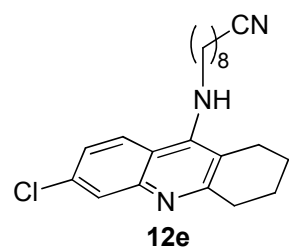


¹³C NMR (100.6 MHz, CD₃OD)

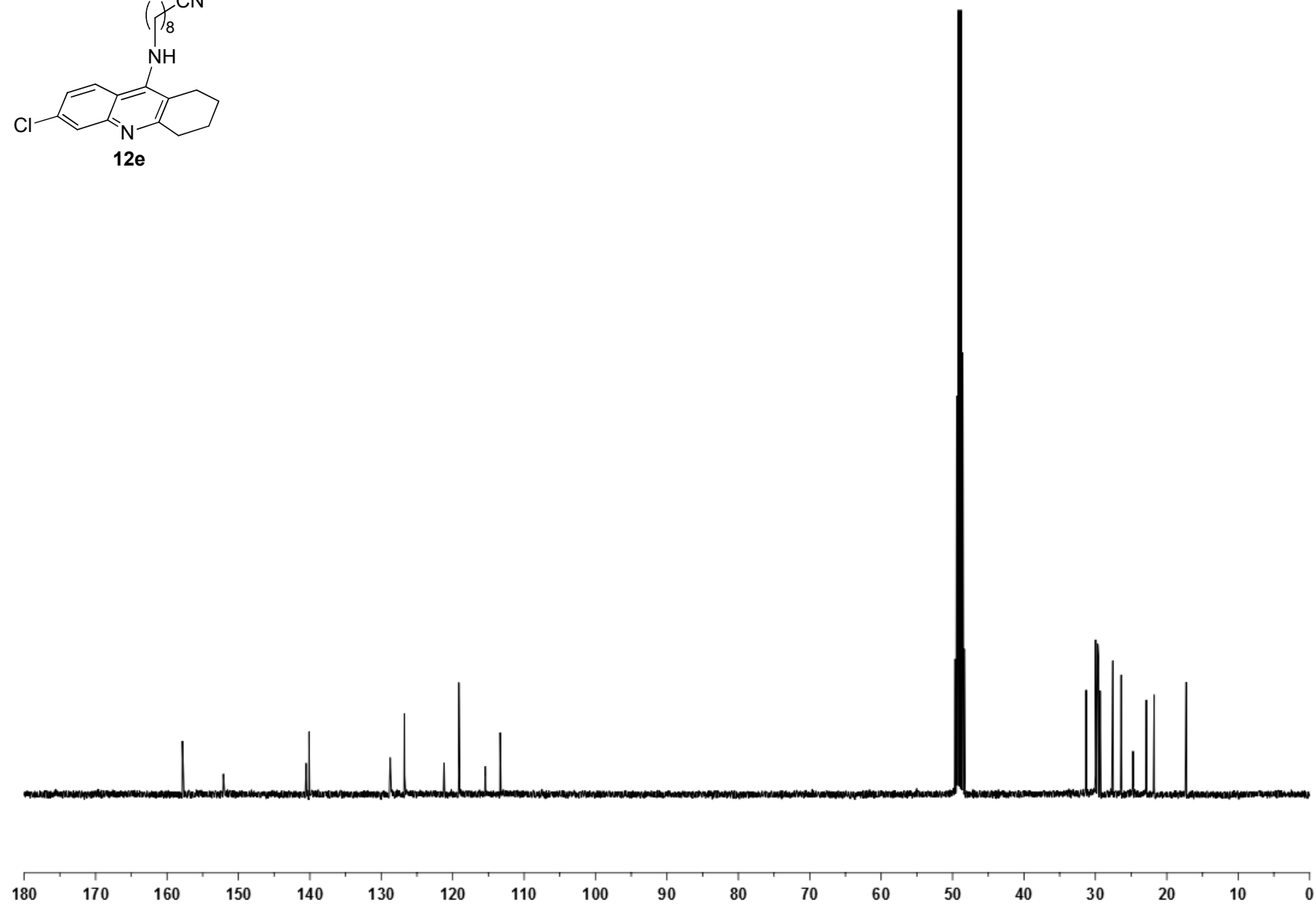
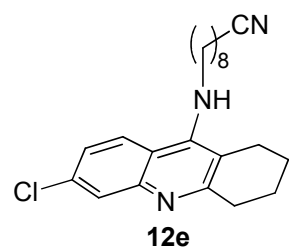




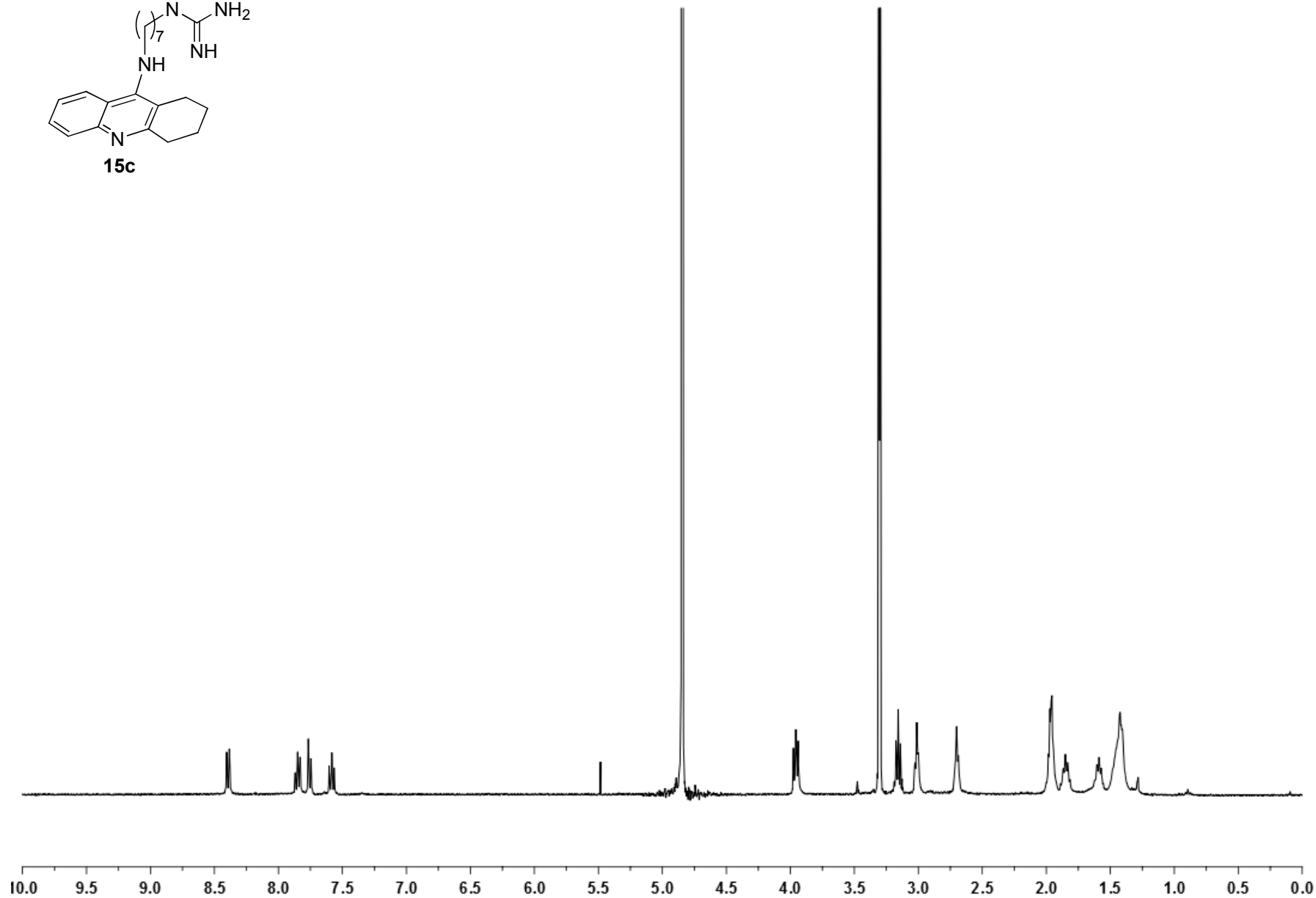
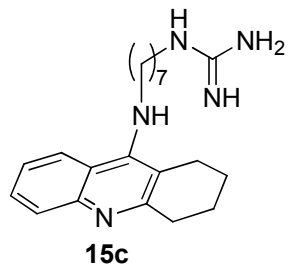
¹³C NMR (100.6 MHz, CD₃OD)



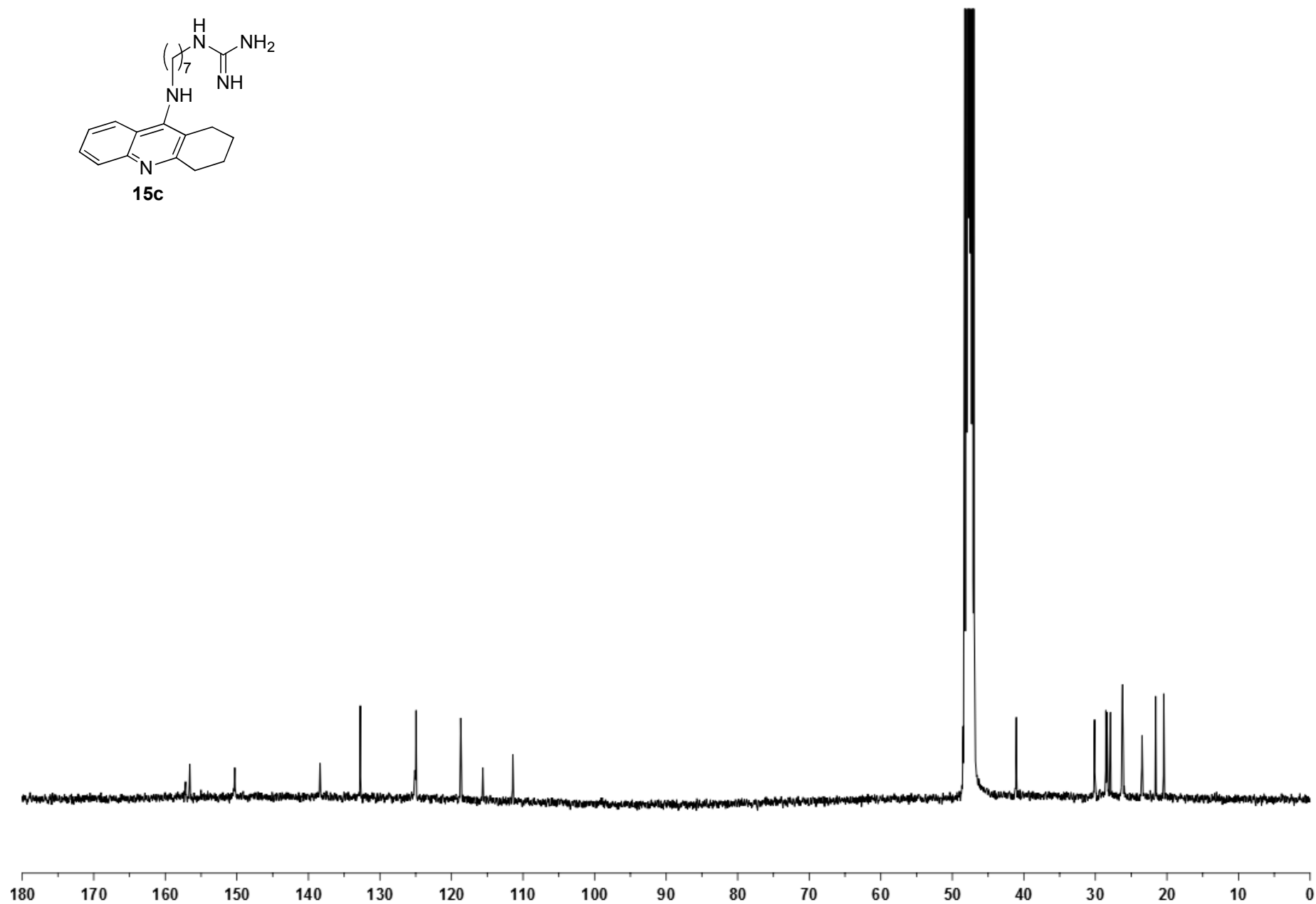
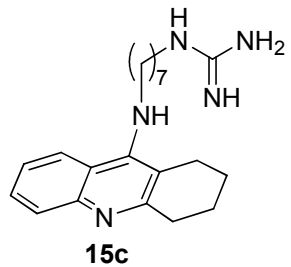
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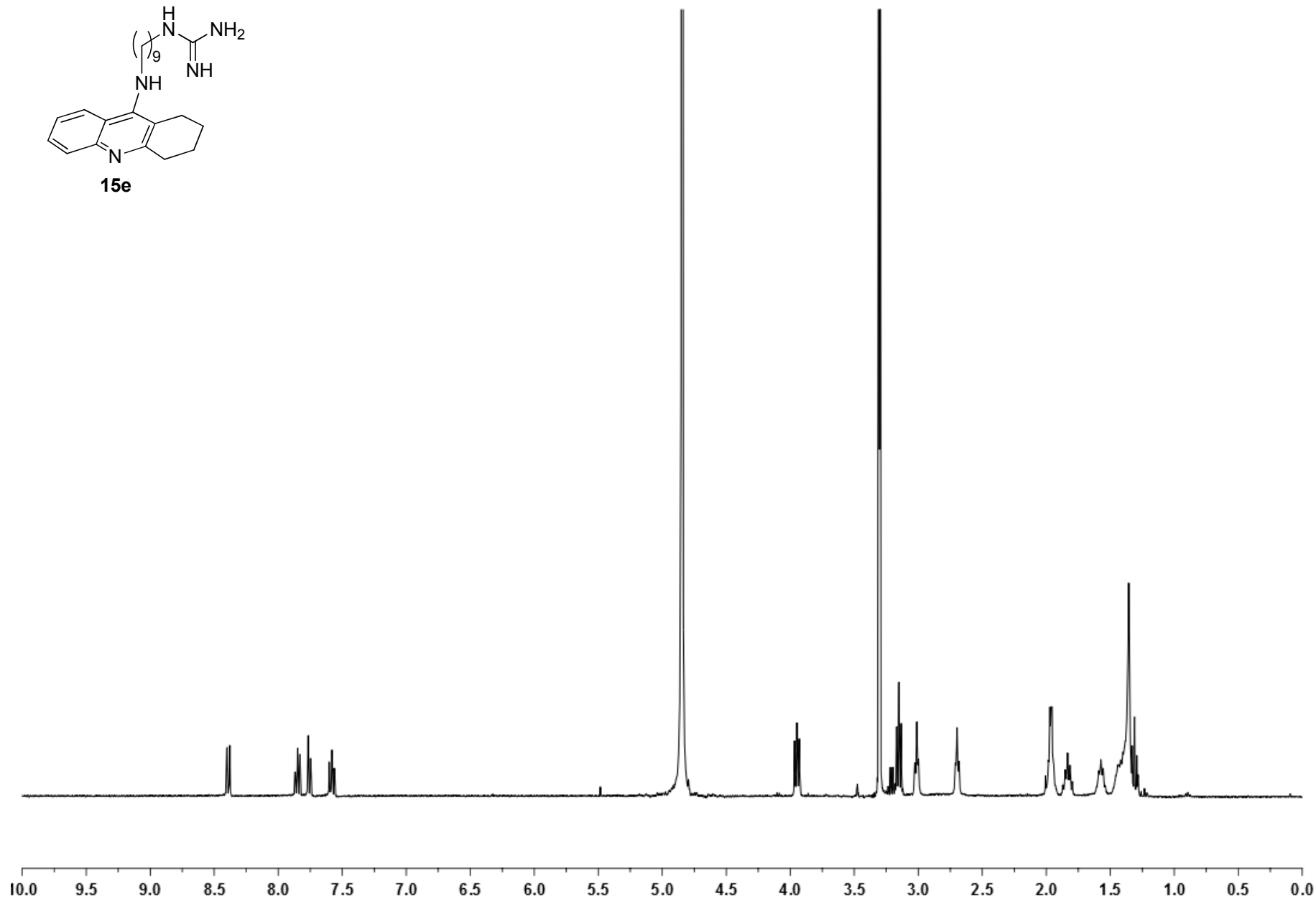
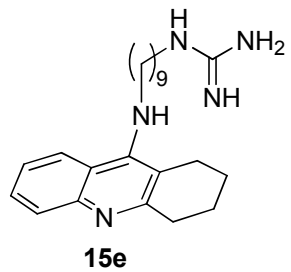
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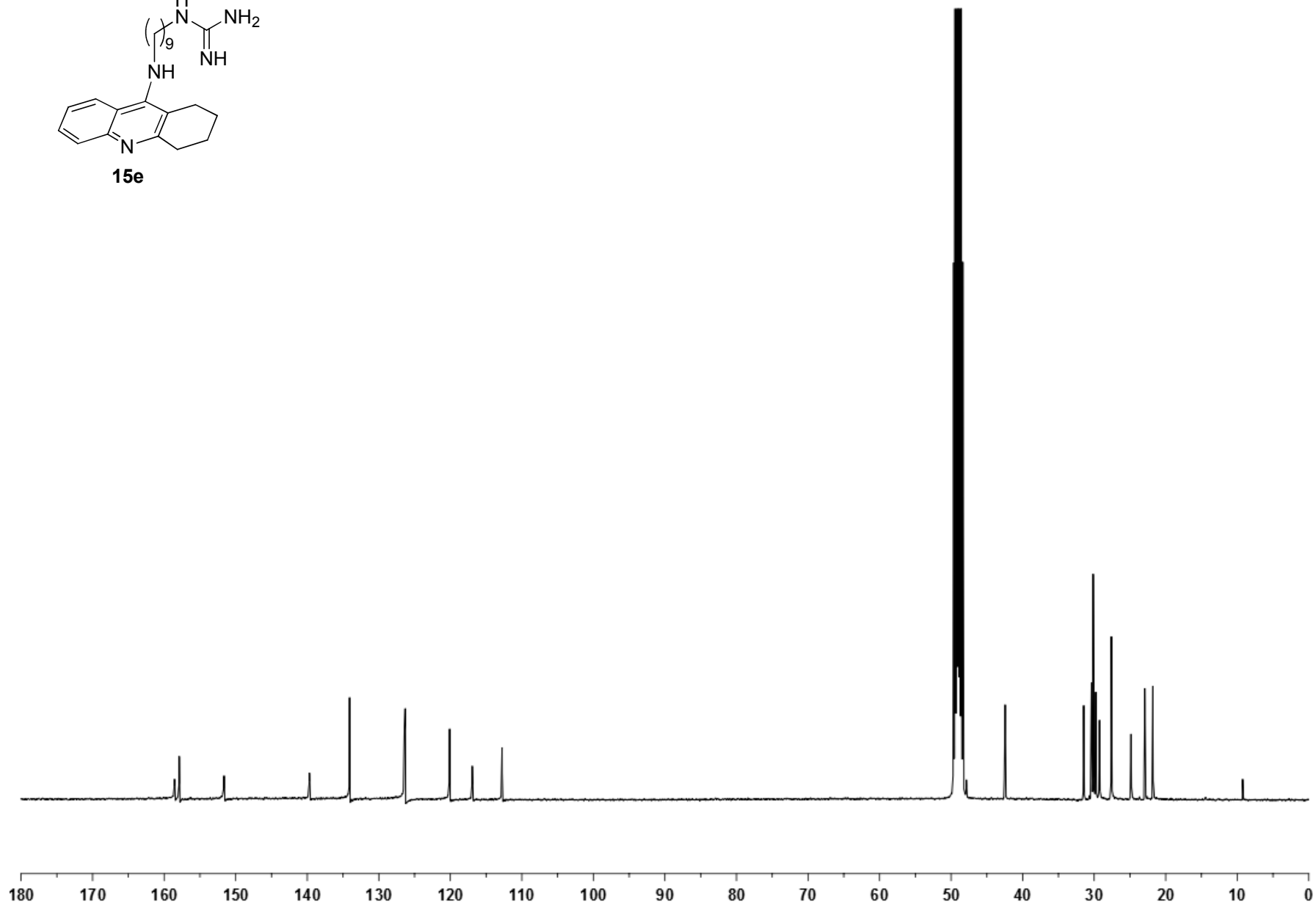
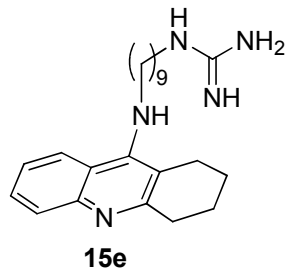
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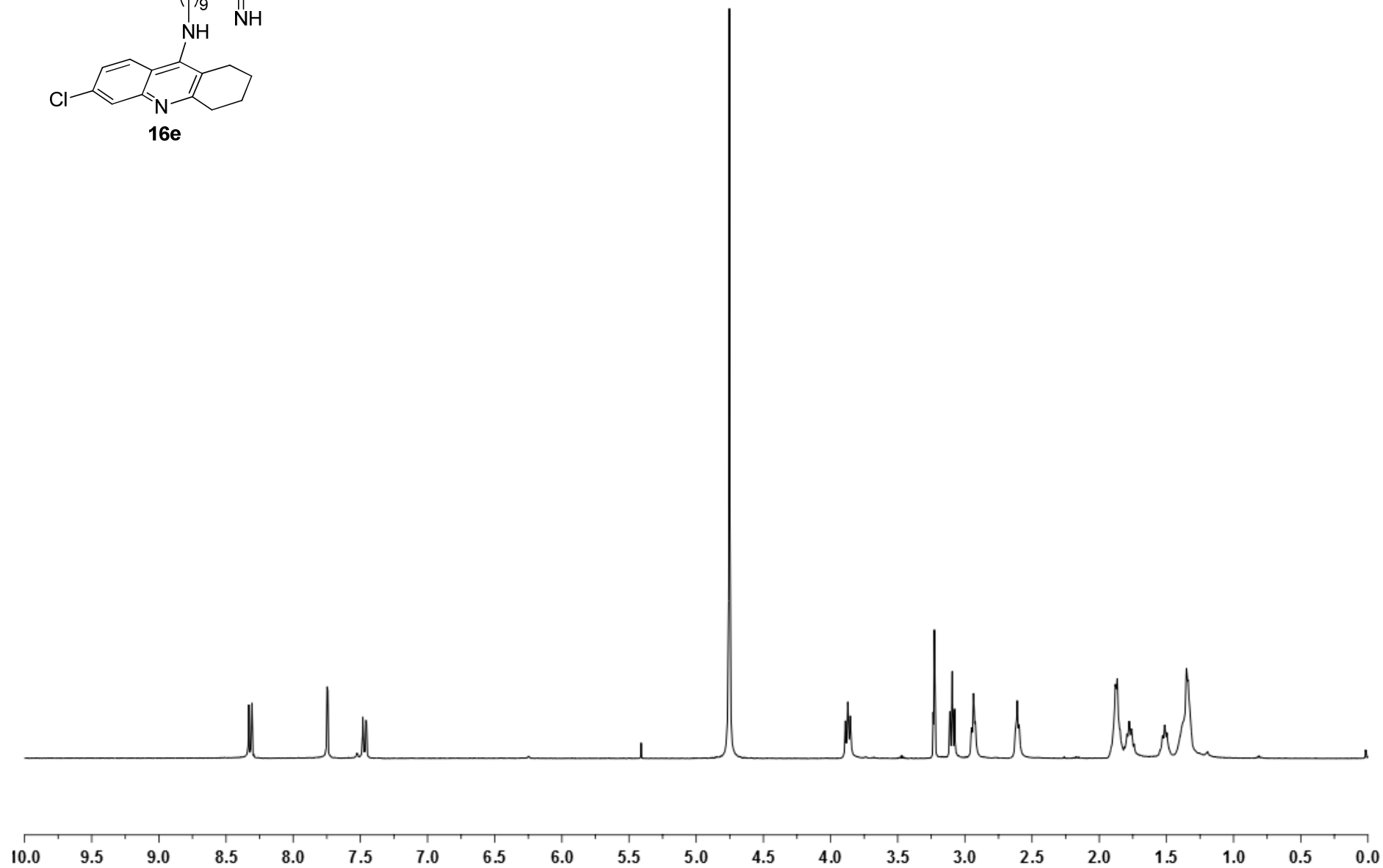
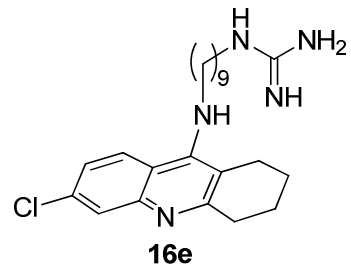
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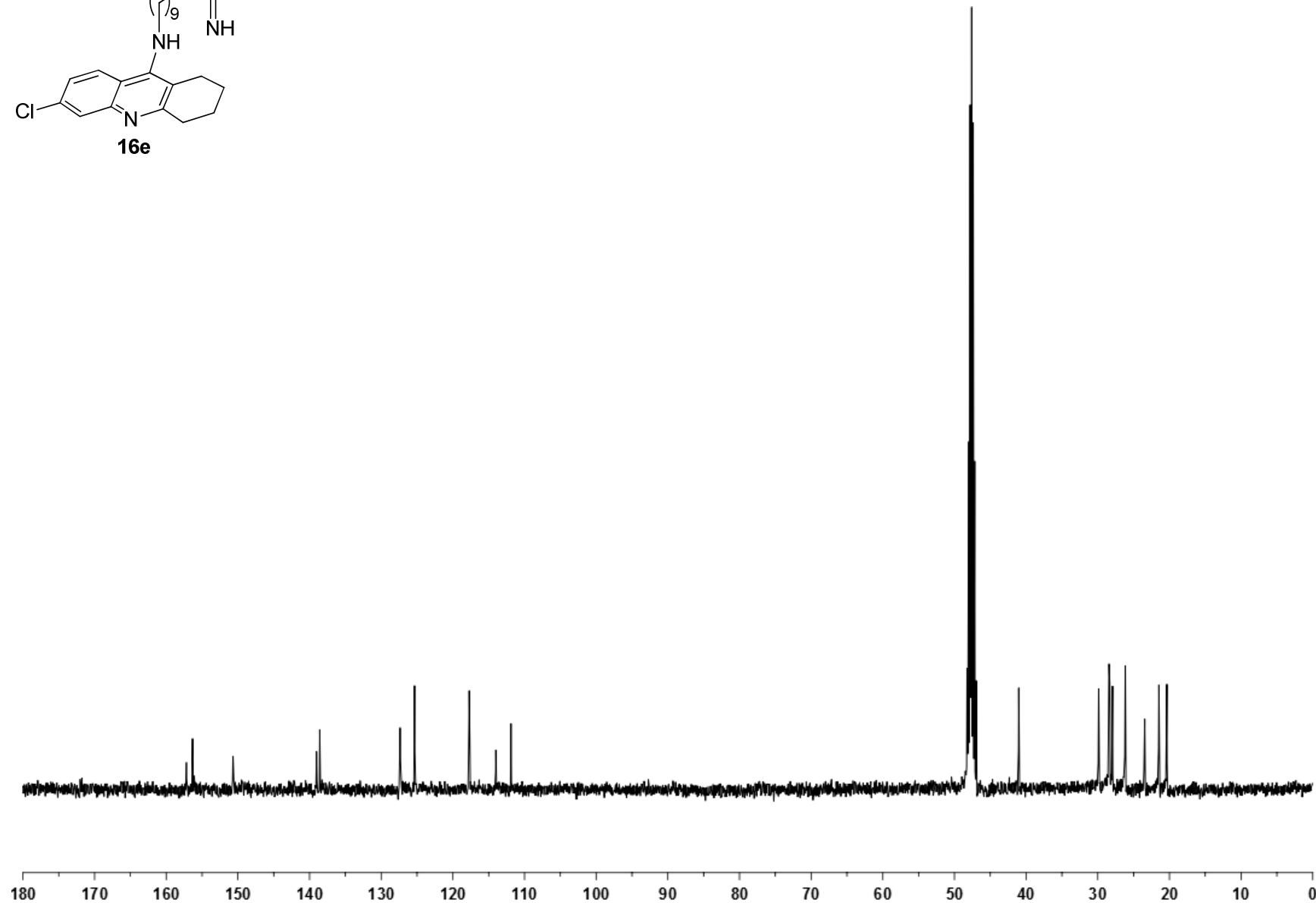
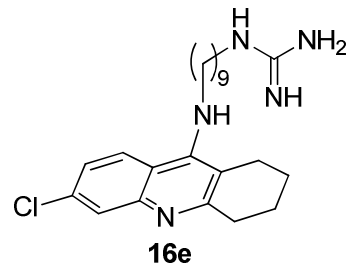
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^{13}C NMR (100.6 MHz, CD_3OD)



¹H NMR (400 MHz, CD₃OD)



^{13}C NMR (100.6 MHz, CD_3OD)