

Supporting information

for

PROBLEM OF REGIOSELECTIVITY IN THE AMINATION OF 2-FLUORO-5-IODOPYRIDINE WITH ADAMANTYLALKYL AMINES

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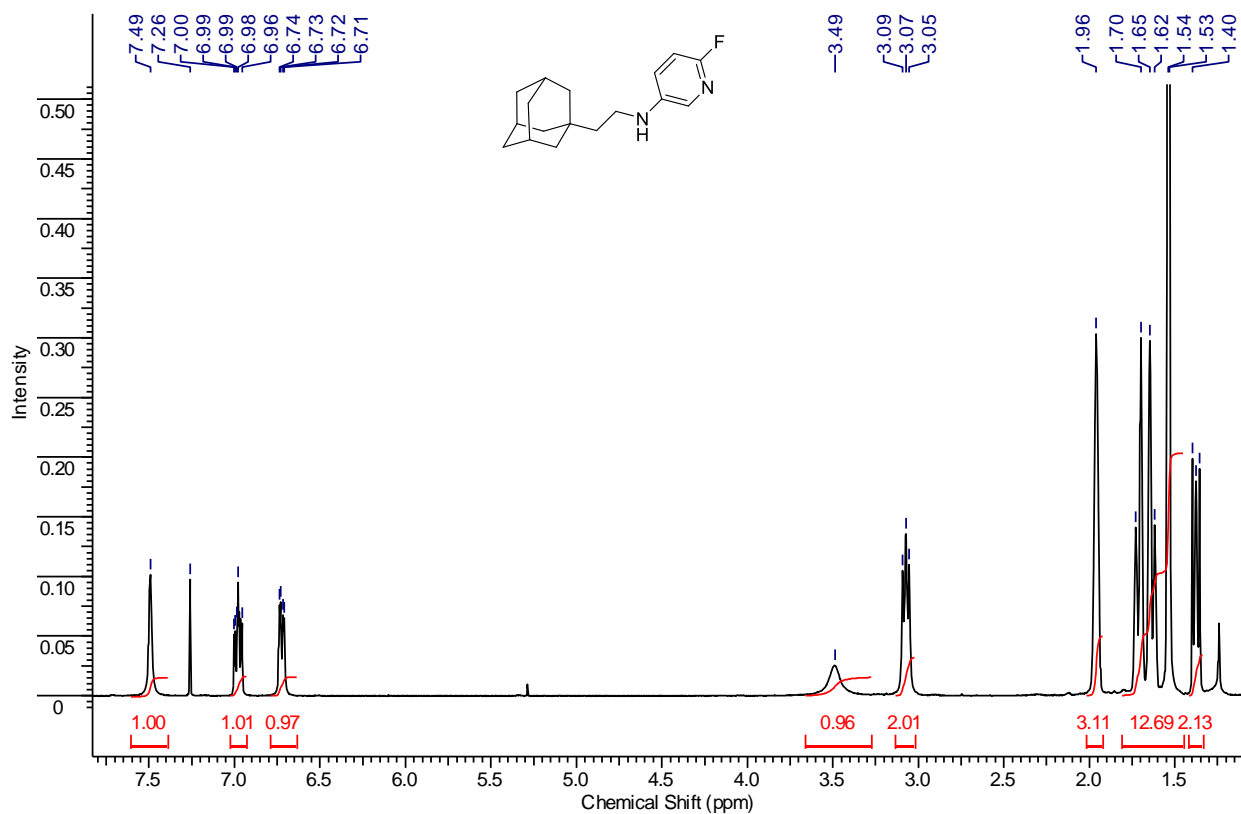
² *A.N. Frumkin Institute of Physical Chemistry and Electrochemistry RAS, 31-4 Leninskii pr., 119991, Russia*

³ *Volgograd State Technical University, 28 pr. Lenina, 400005, Russia*

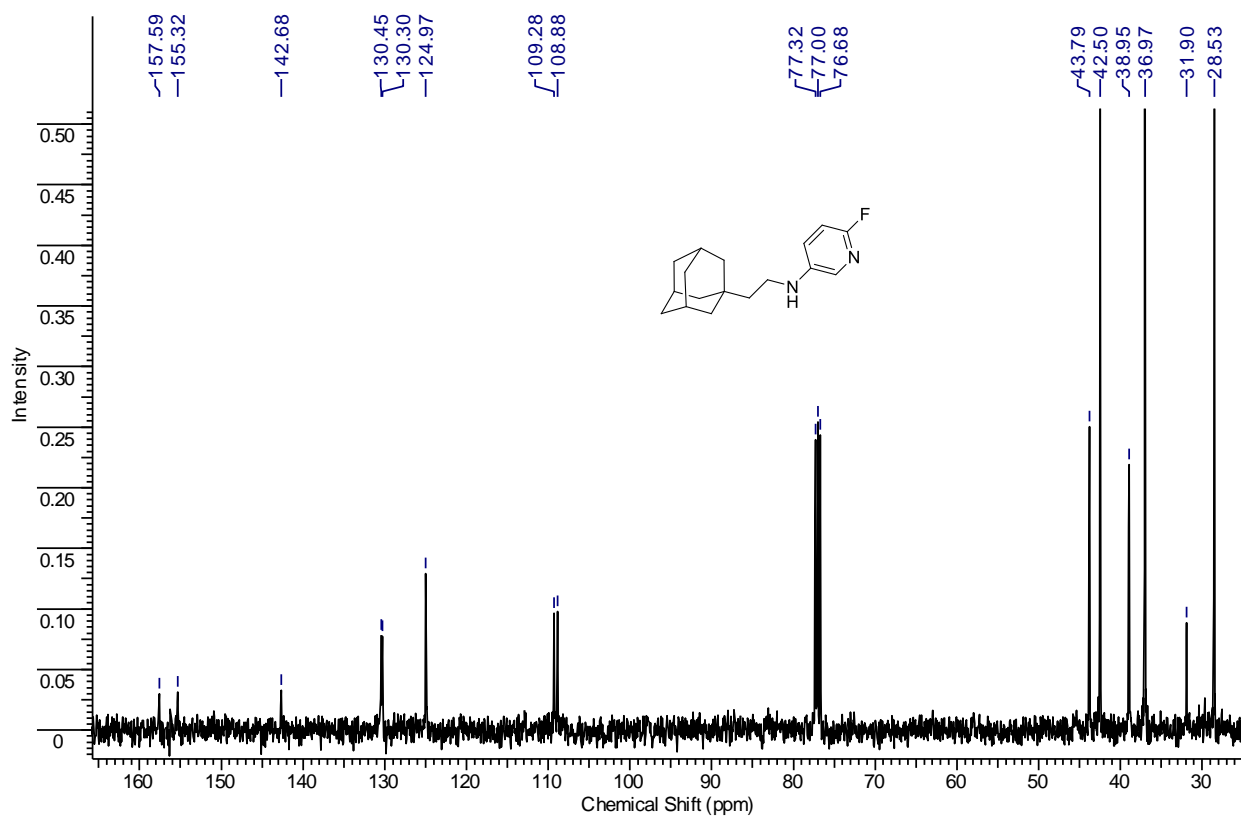
e-mail alexaveron@yandex.ru

¹H and ¹³C NMR spectra

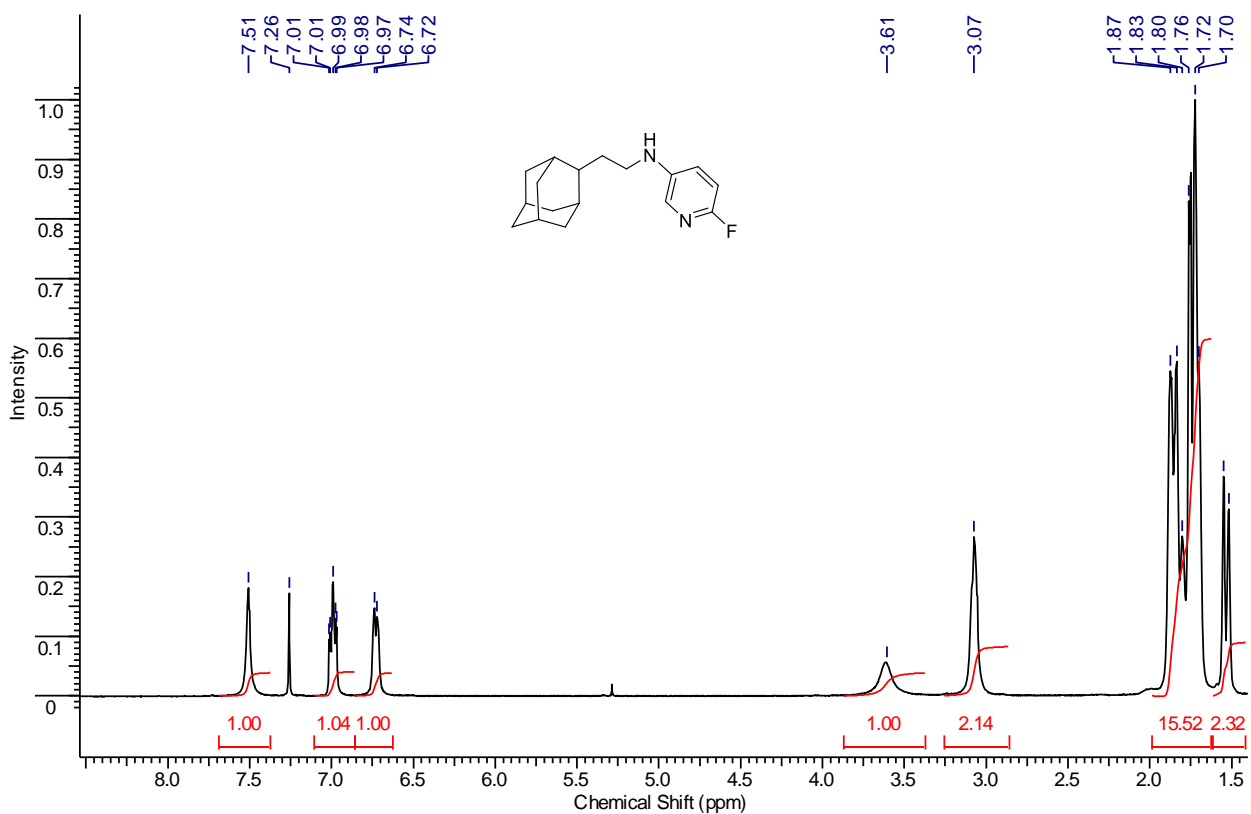
NMR spectra



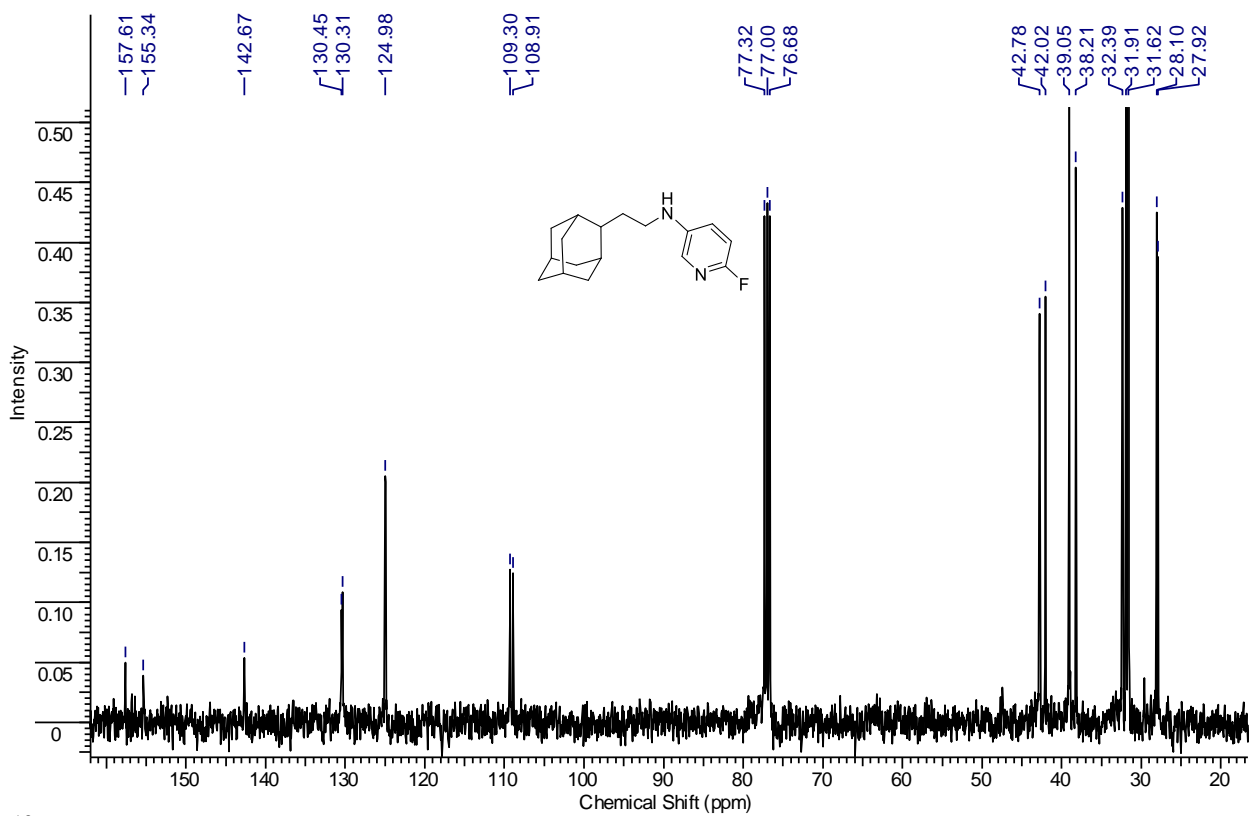
¹H NMR spectrum of **2a** (CDCl₃, 400 MHz, 300 K).



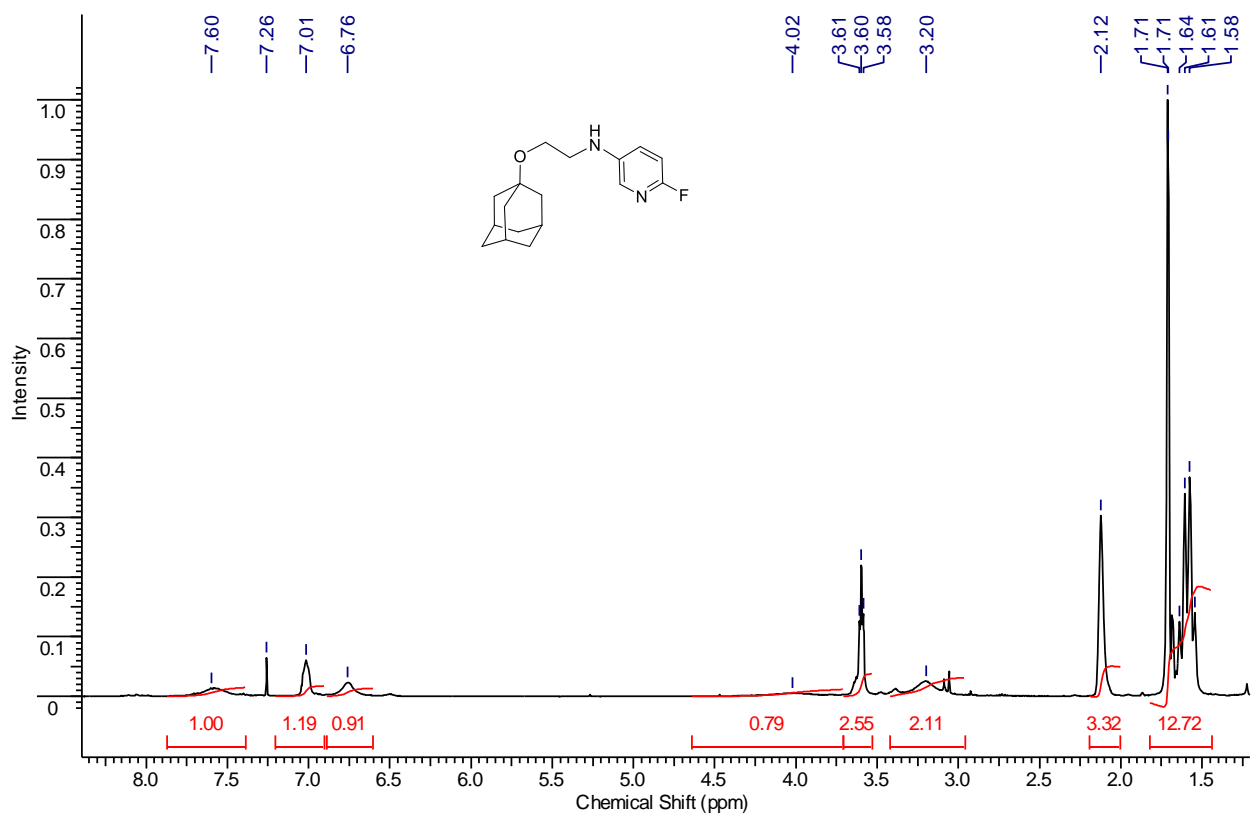
¹³C NMR spectrum of **2a** (CDCl₃, 100.6 MHz, 300 K).



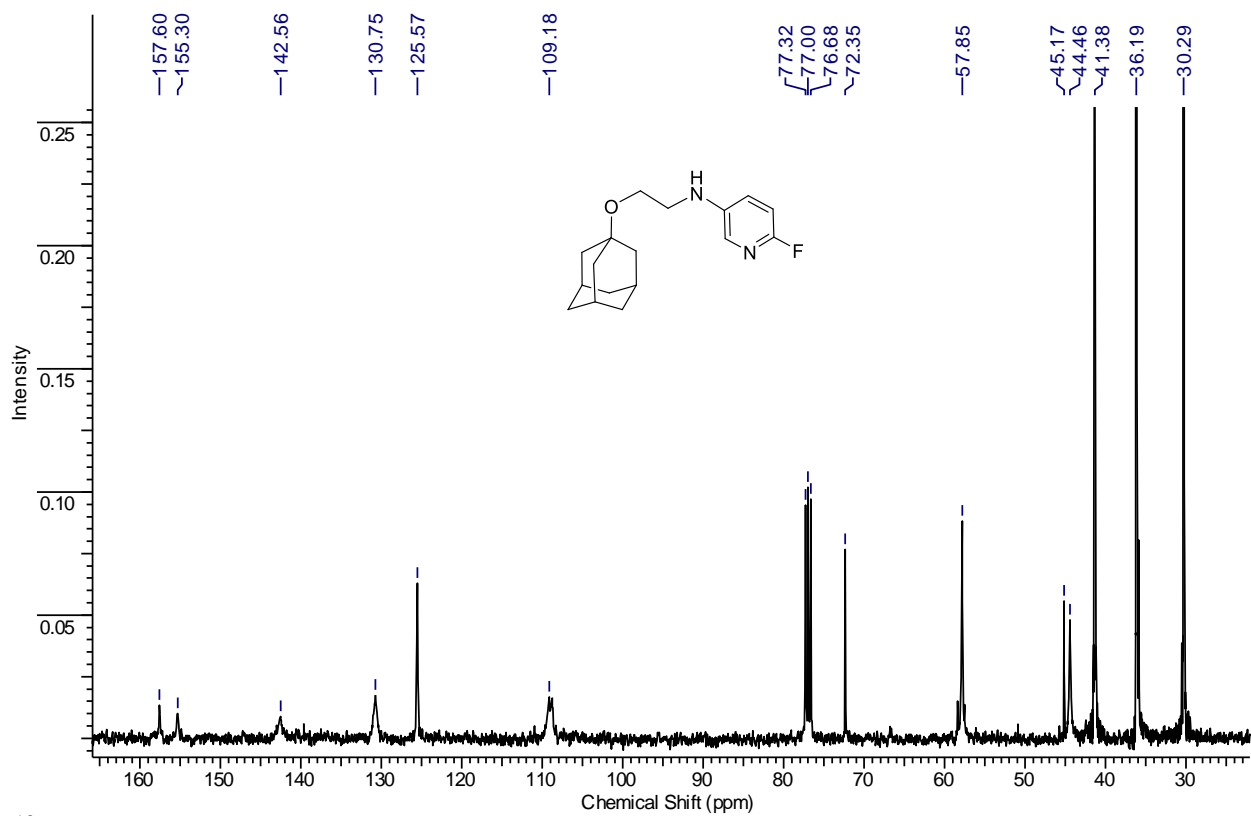
^1H NMR spectrum of **2b** (CDCl_3 , 400MHz, 300K).



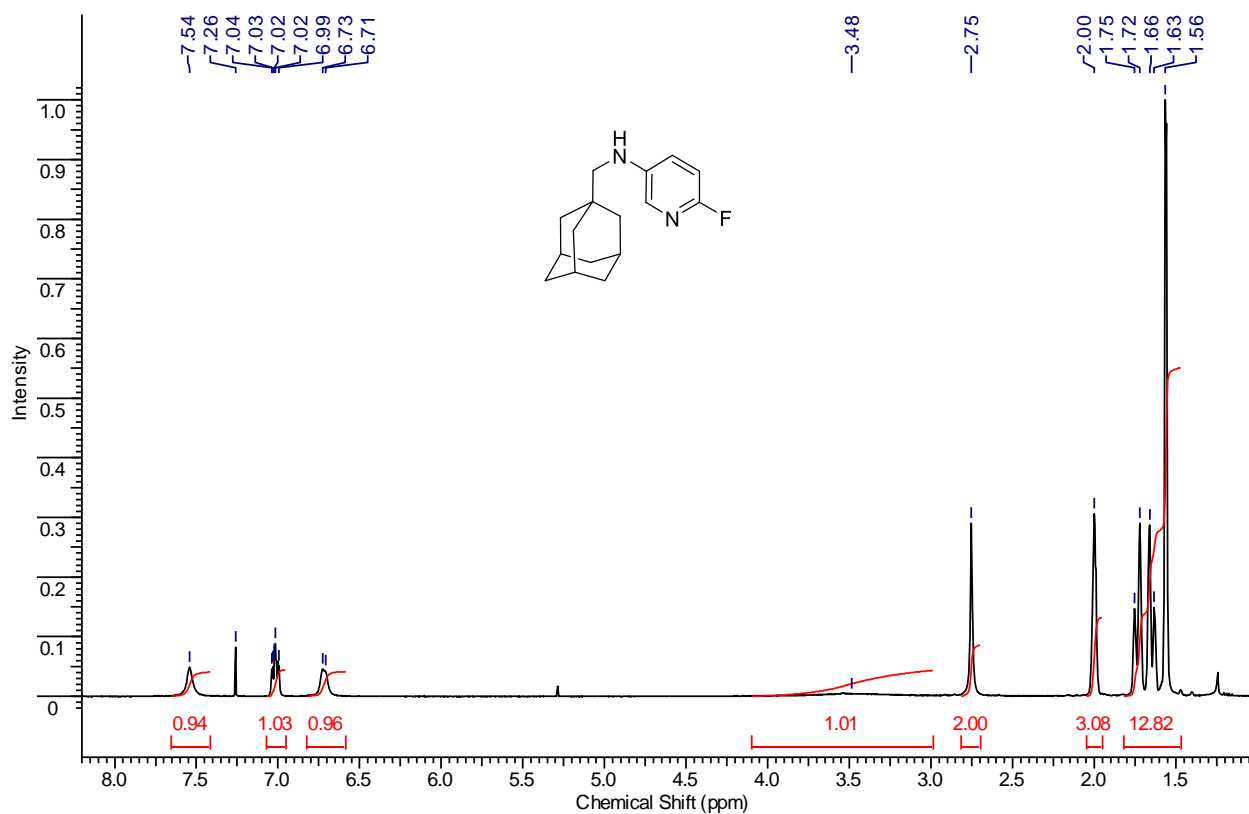
^{13}C NMR spectrum of **2b** (CDCl_3 , 100.6 MHz, 300K).



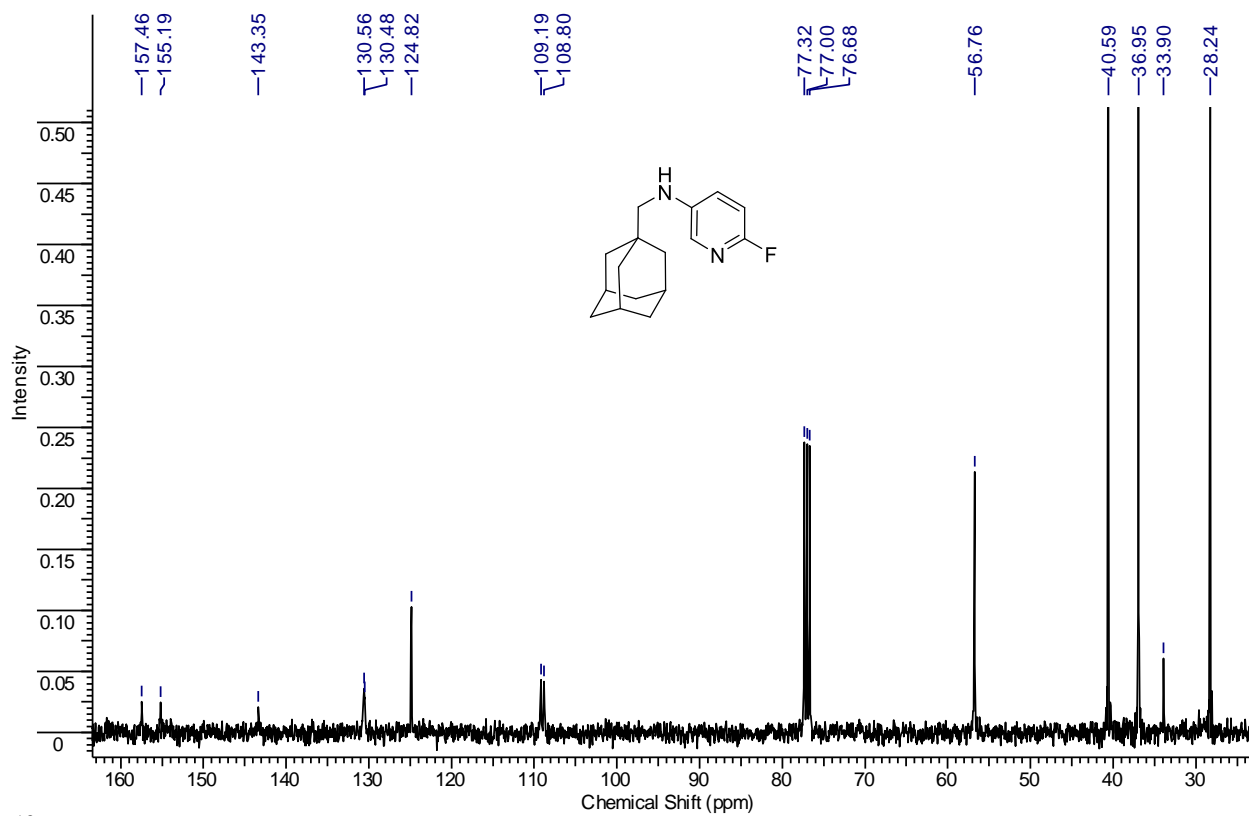
^1H NMR spectrum of **2c** (CDCl_3 , 400MHz, 300K).



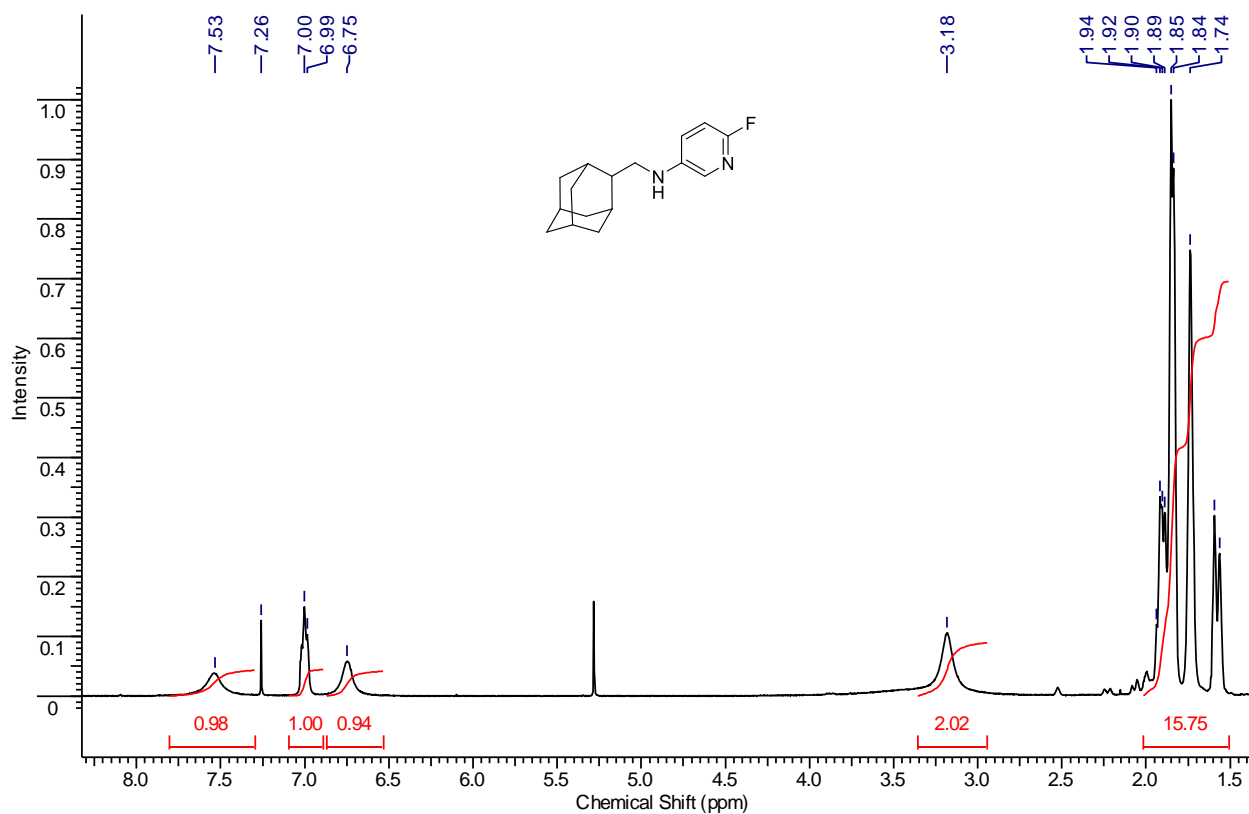
^{13}C NMR spectrum of **2c** (CDCl_3 , 100.6 MHz, 300K).



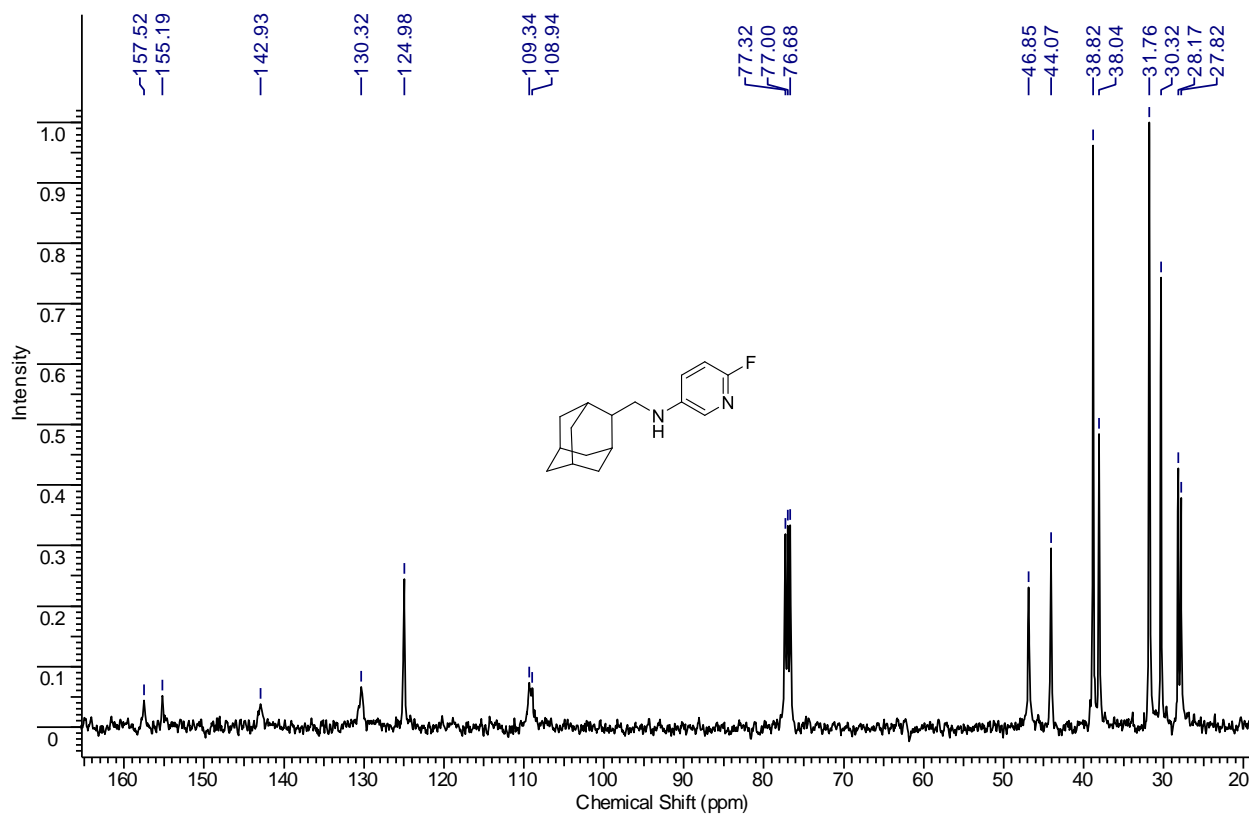
^1H NMR spectrum of **2d** (CDCl_3 , 400MHz, 300K).



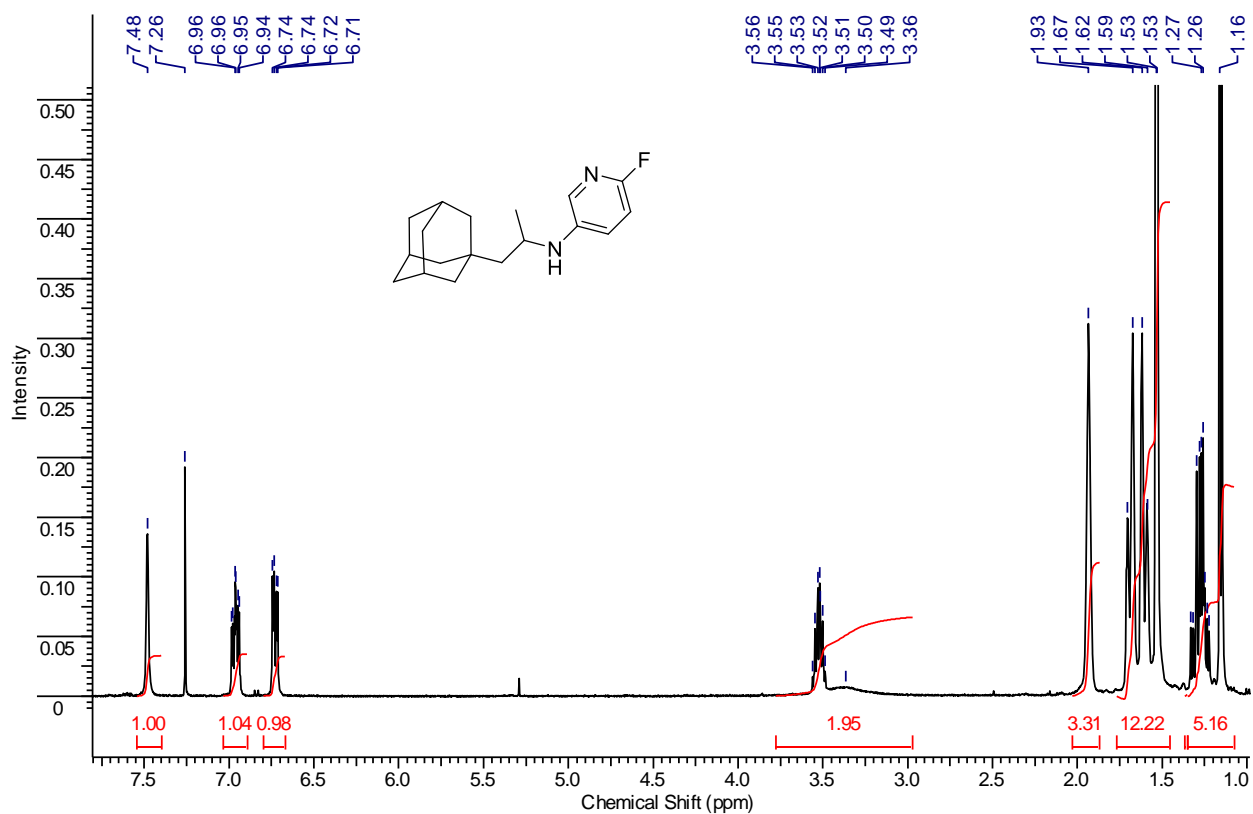
^{13}C NMR spectrum of **2d** (CDCl_3 , 100.6 MHz, 300K).



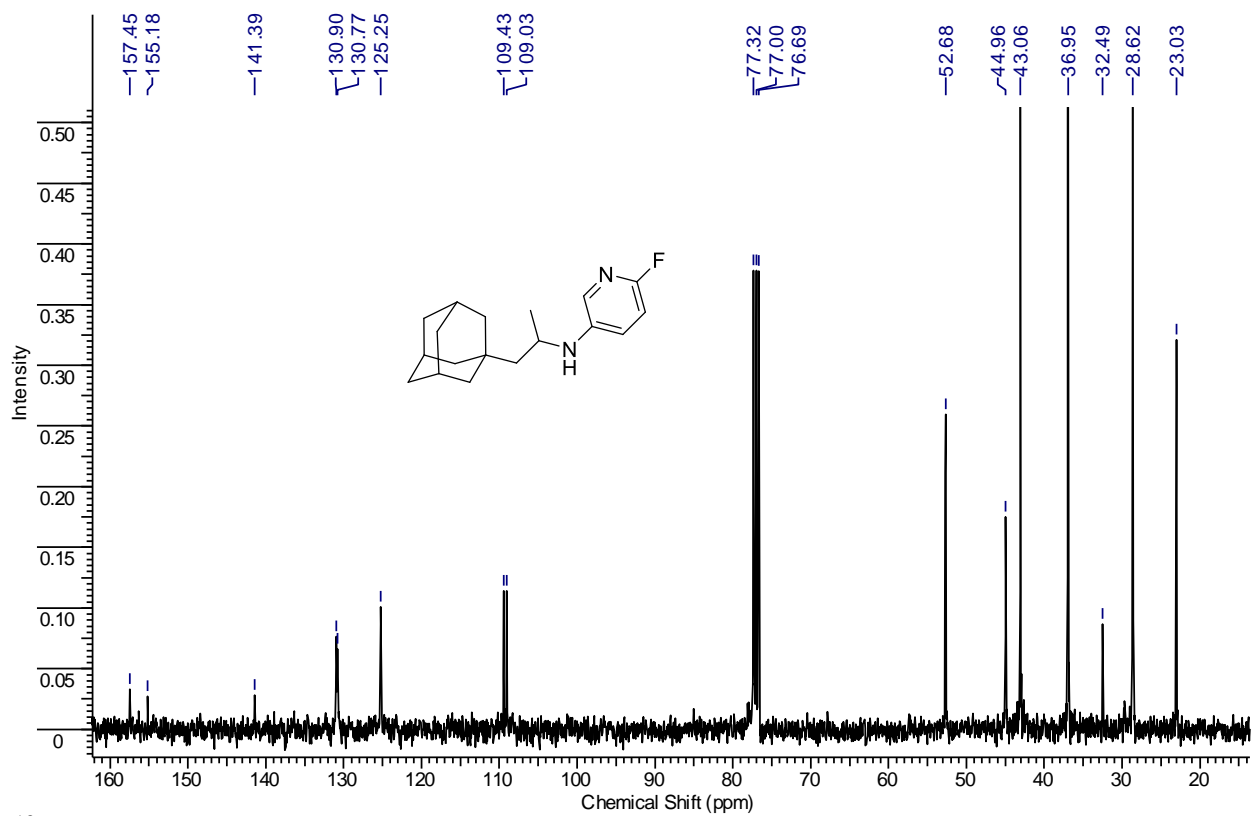
^1H NMR spectrum of **2e** (CDCl_3 , 400MHz, 300K).



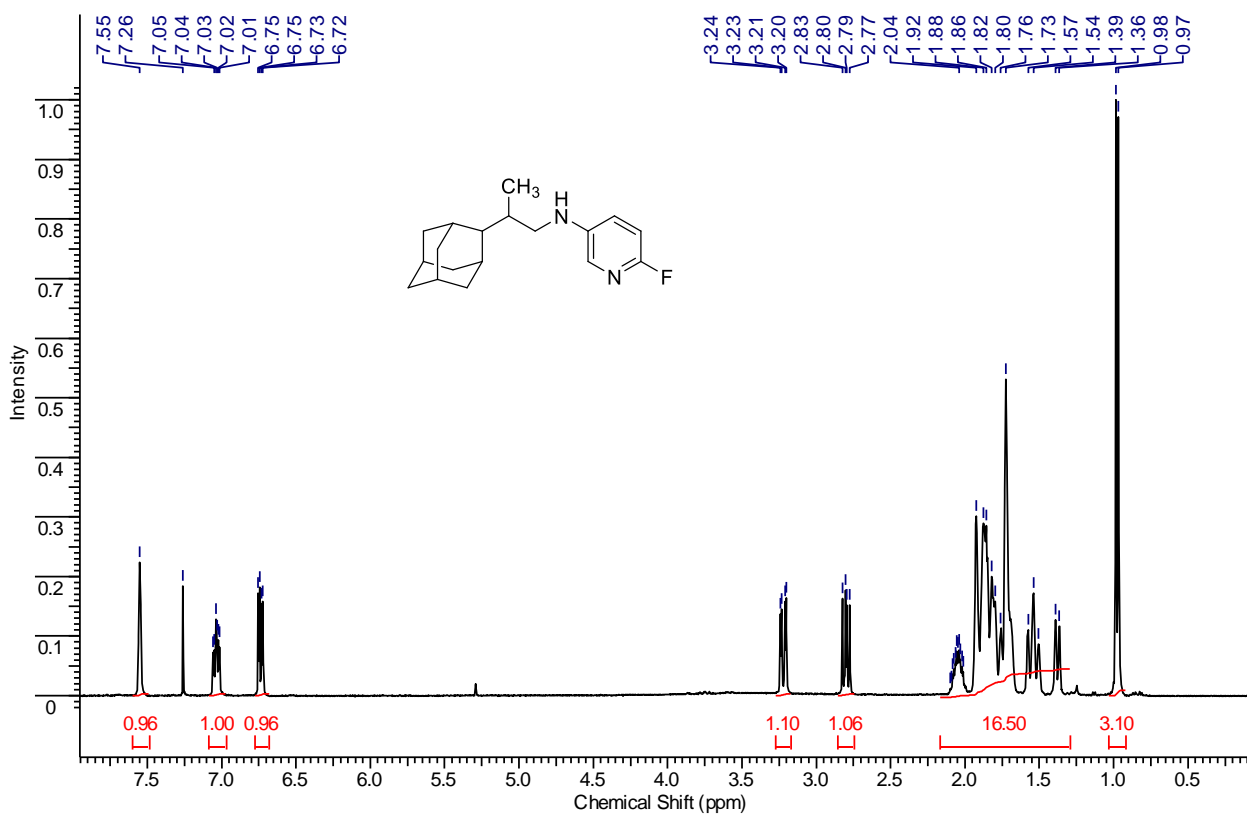
^{13}C NMR spectrum of **2e** (CDCl_3 , 100.6 MHz, 300K).



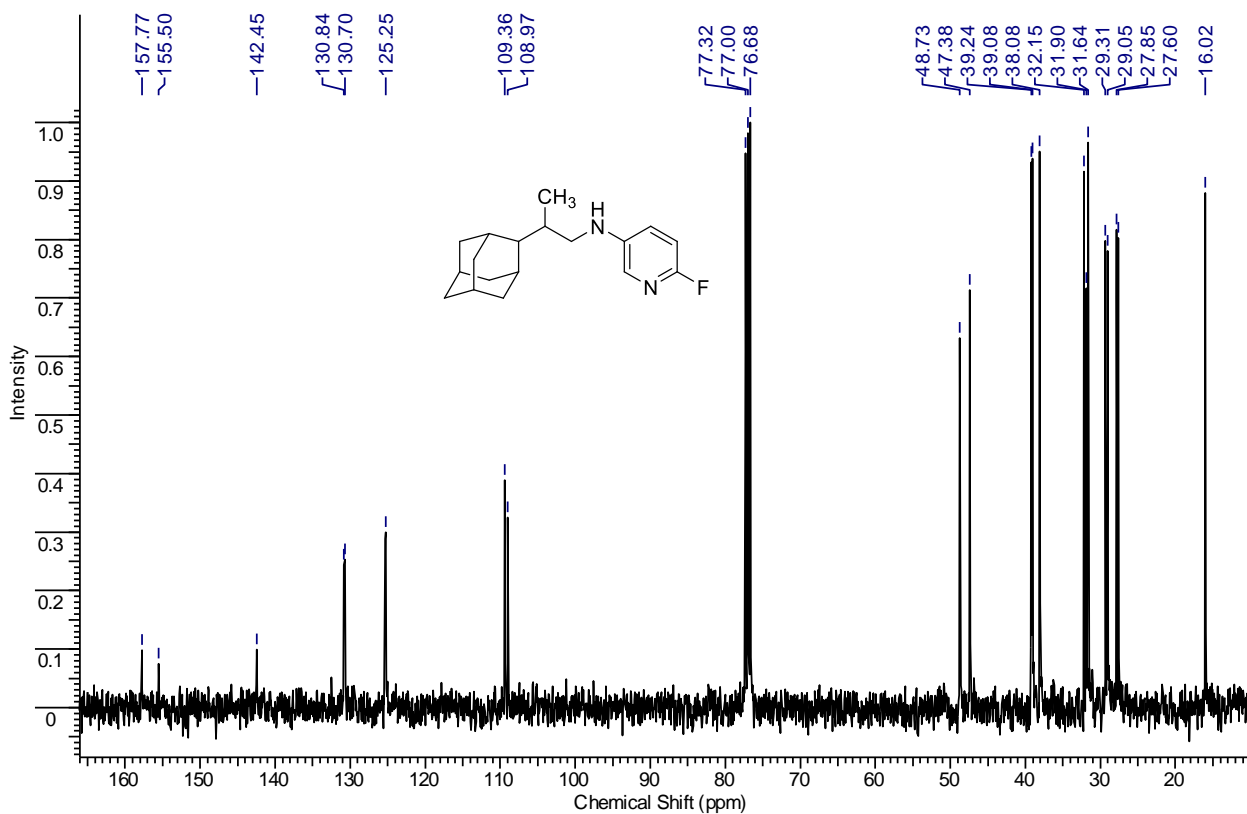
¹H NMR spectrum of **2f** (CDCl₃, 400MHz, 300K).



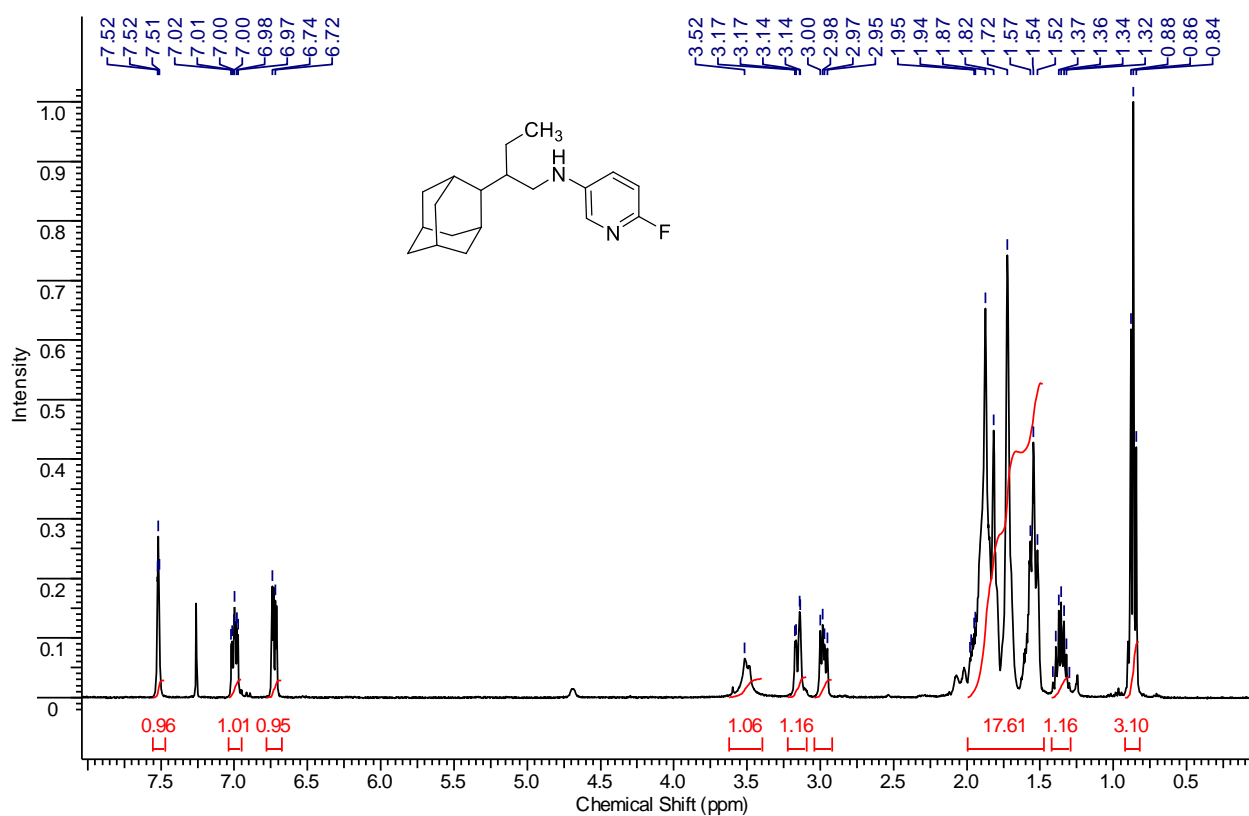
¹³C NMR spectrum of **2f** (CDCl₃, 100.6 MHz, 300K).



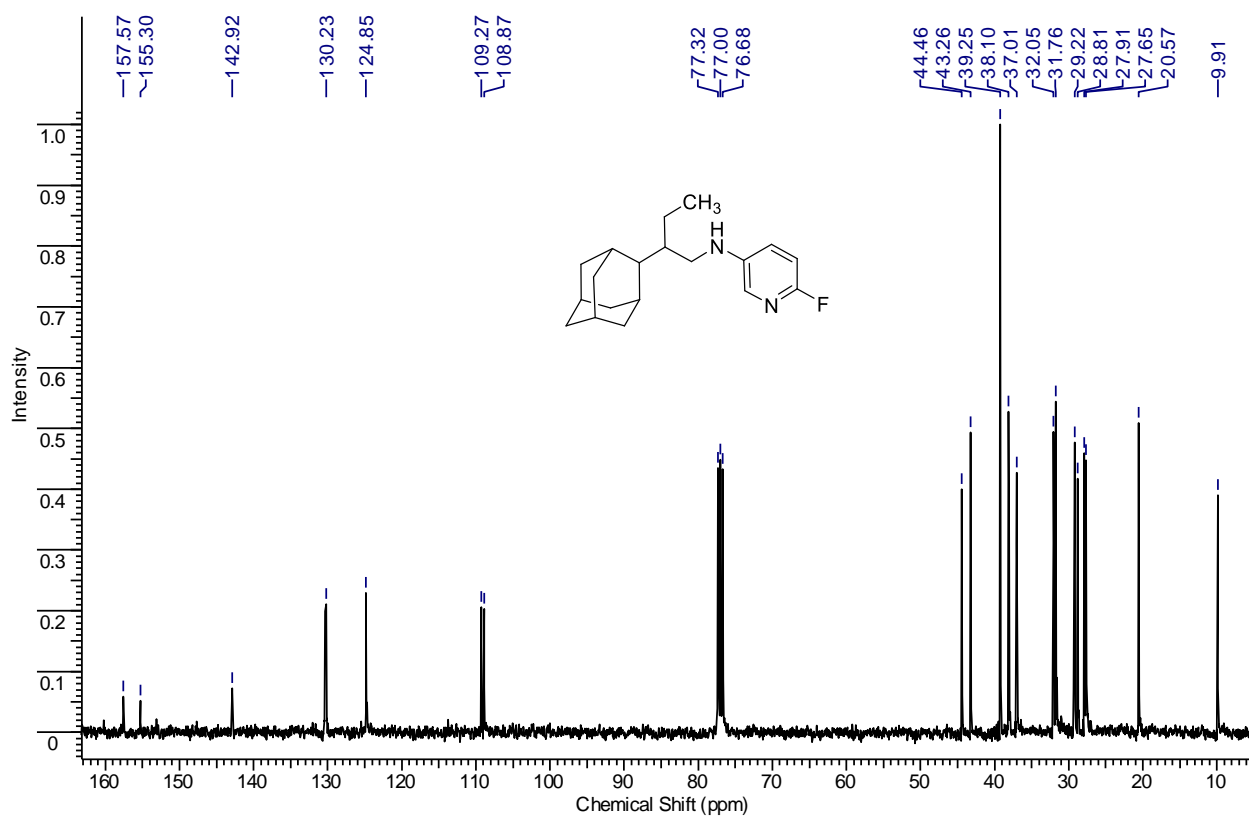
^1H NMR spectrum of **2g** (CDCl_3 , 400MHz, 300K).



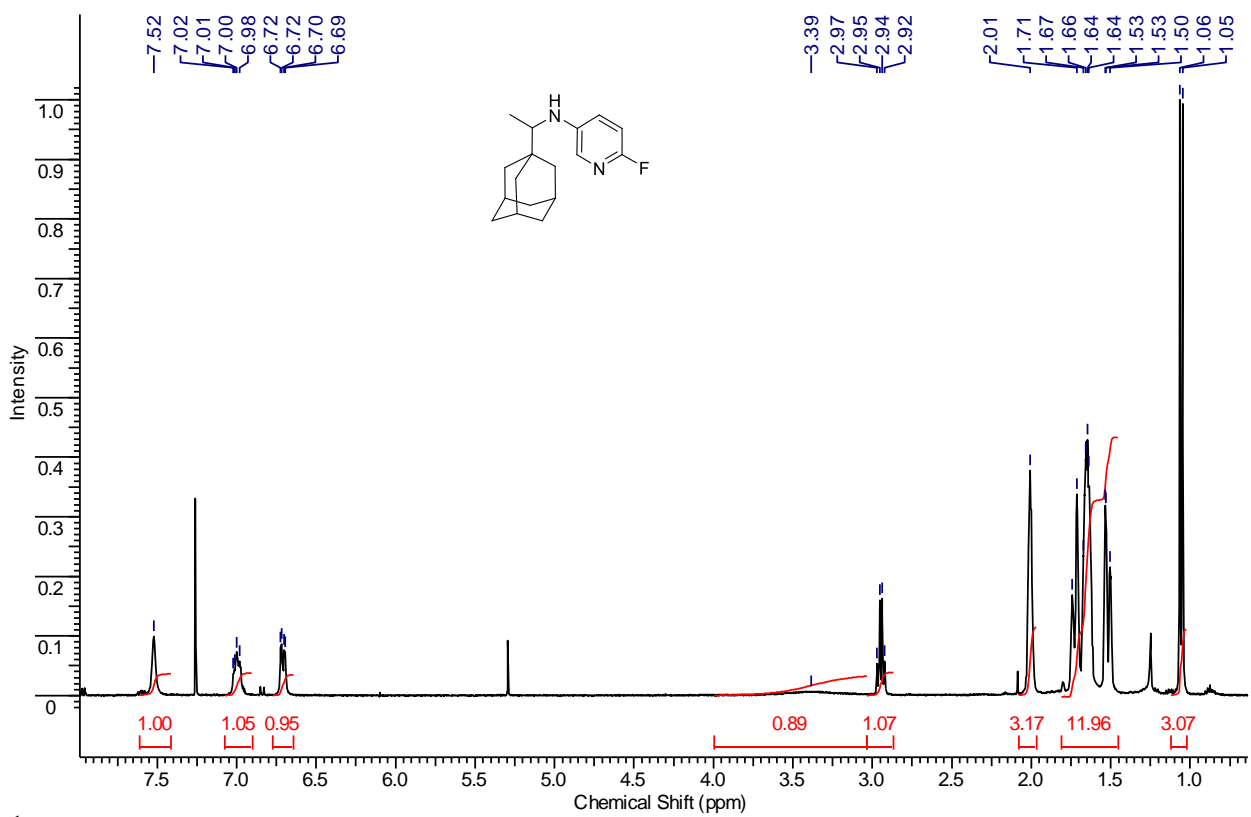
^{13}C NMR spectrum of **2g** (CDCl_3 , 100.6 MHz, 300K).



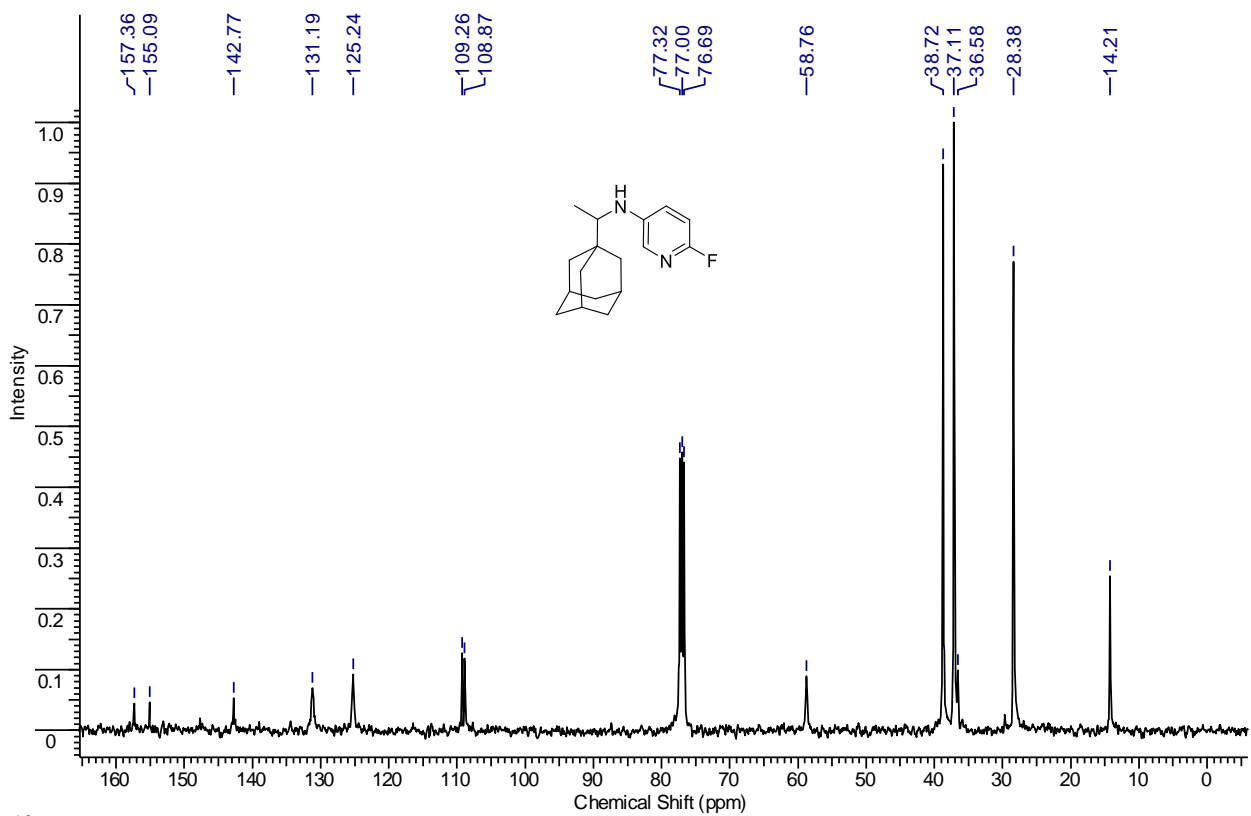
^1H NMR spectrum of **2h** (CDCl_3 , 400MHz, 300K).



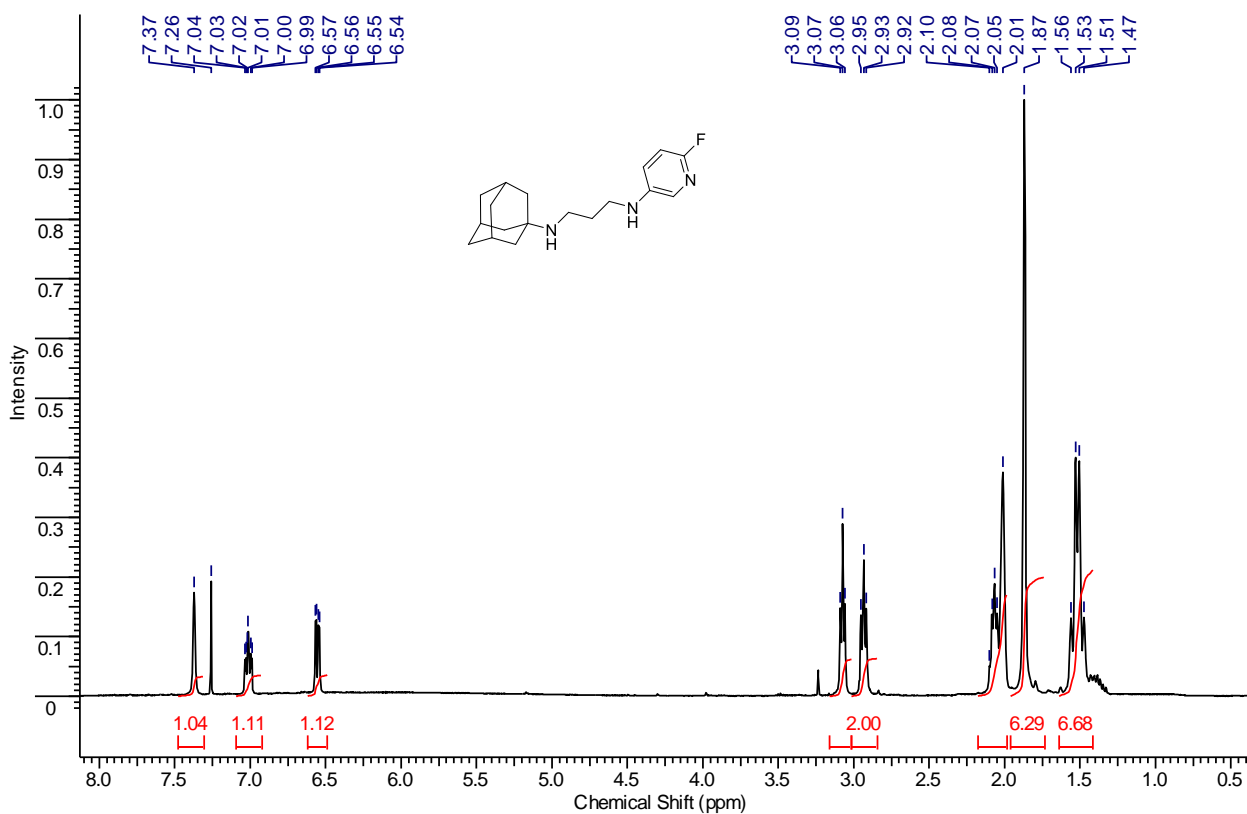
^{13}C NMR spectrum of **2h** (CDCl_3 , 100.6 MHz, 300K).



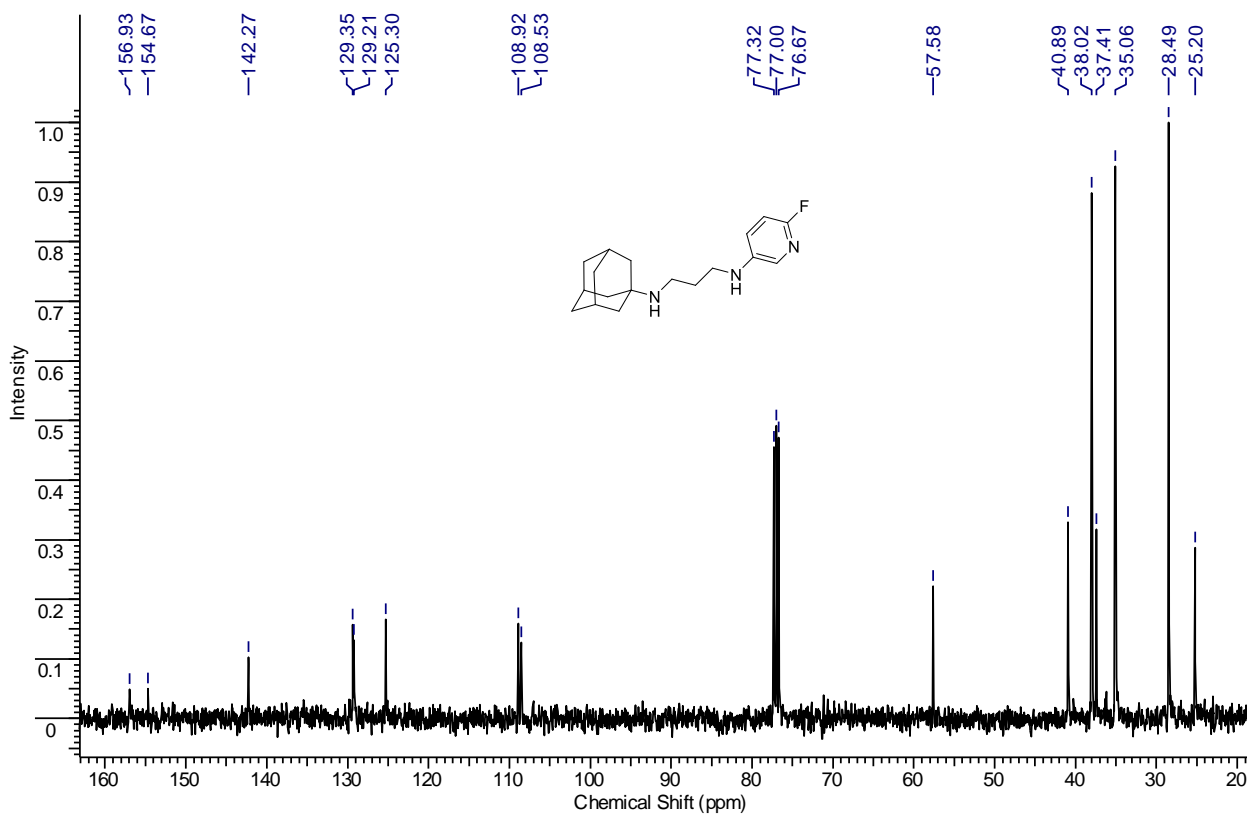
^1H NMR spectrum of **2i** (CDCl_3 , 400MHz, 300K).



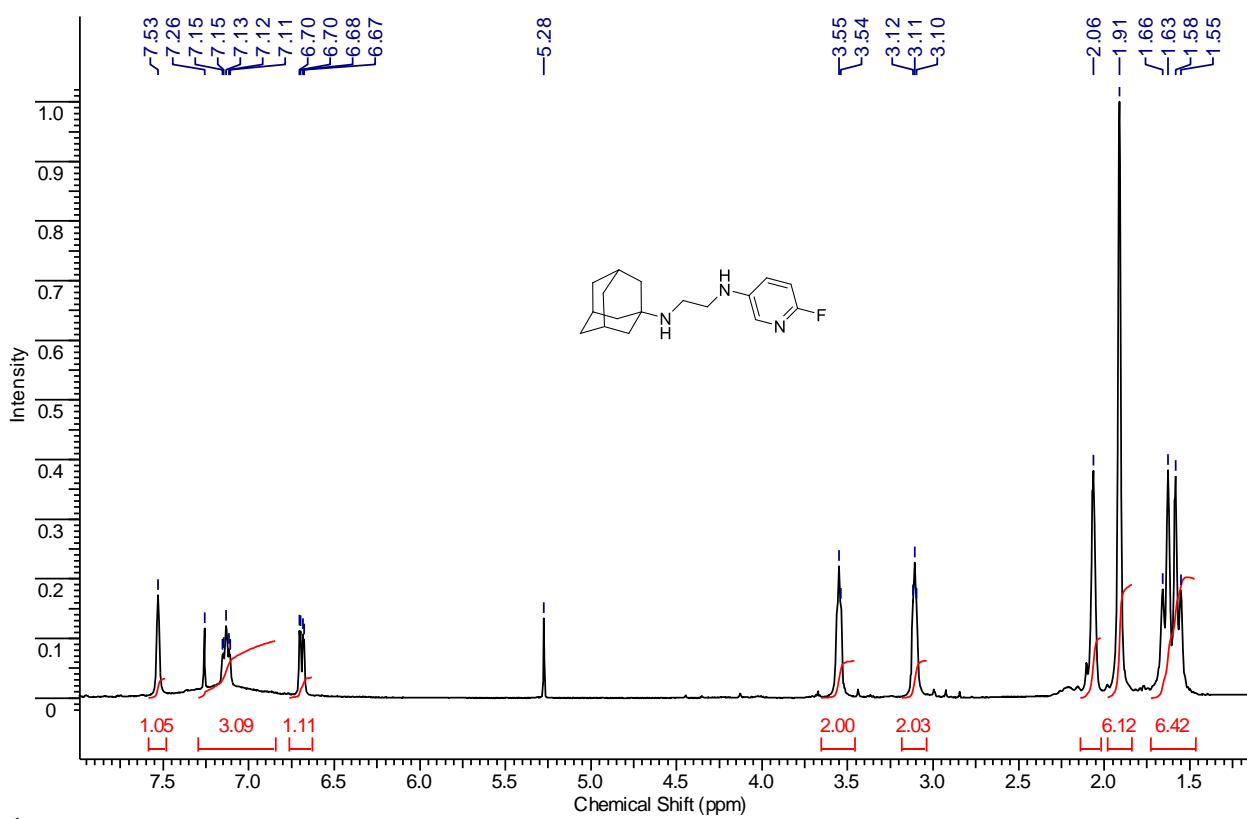
^{13}C NMR spectrum of **2i** (CDCl_3 , 100.6 MHz, 300K).



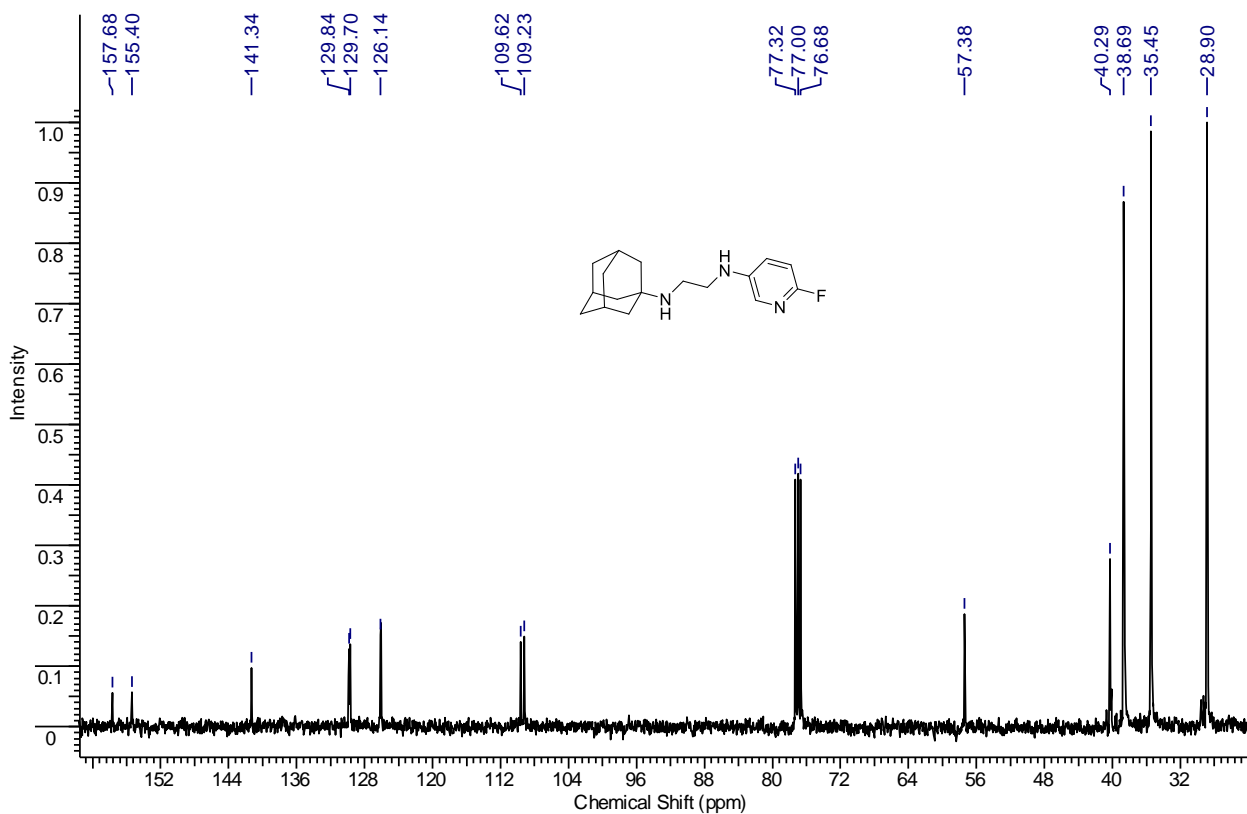
^1H NMR spectrum of **2j** (CDCl_3 , 400MHz, 300K).



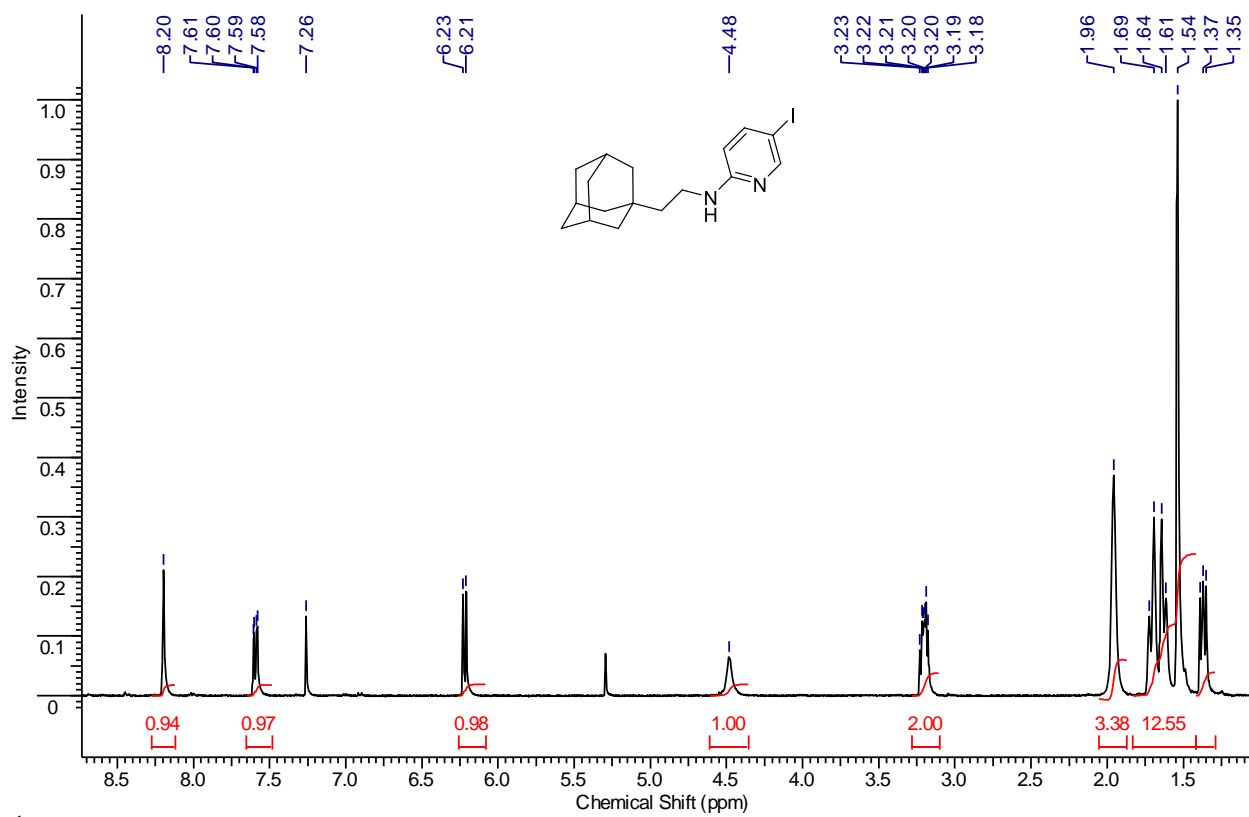
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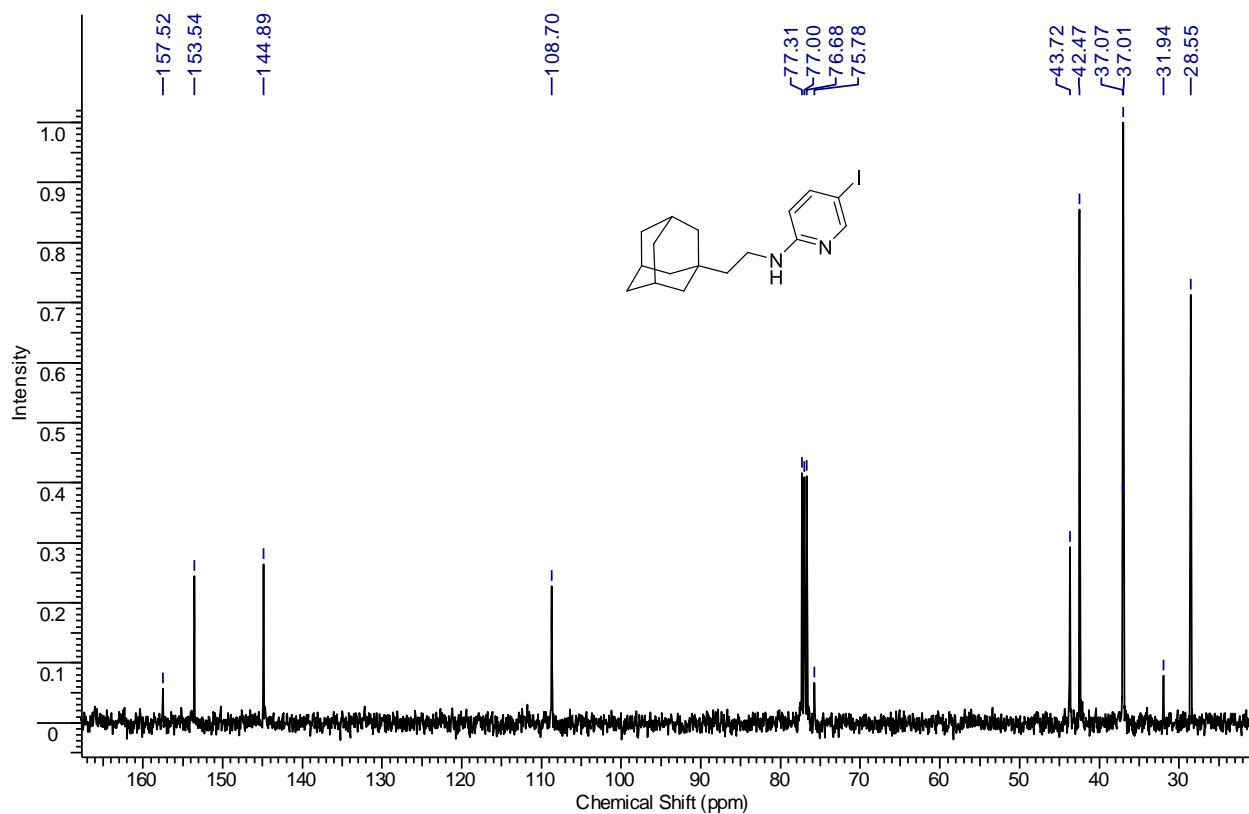
^1H NMR spectrum of **2k** (CDCl_3 , 400MHz, 300K).



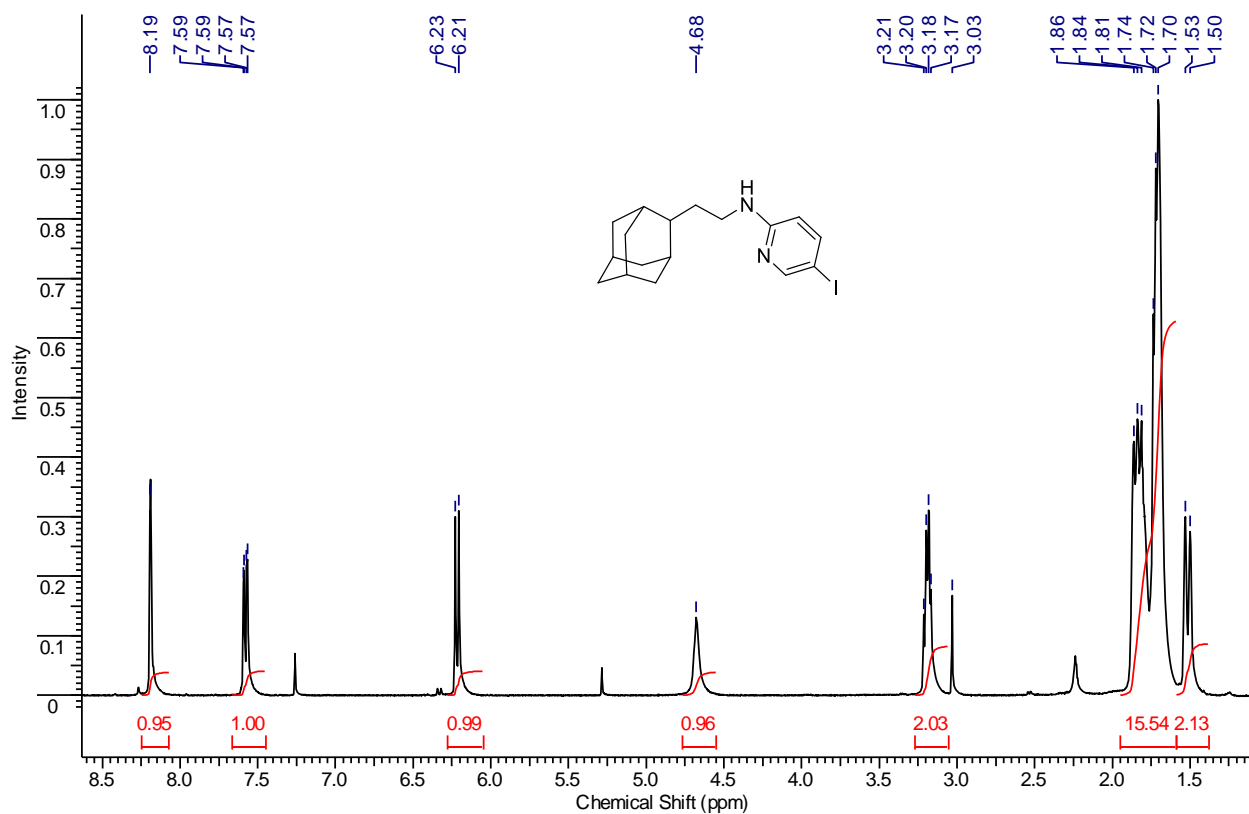
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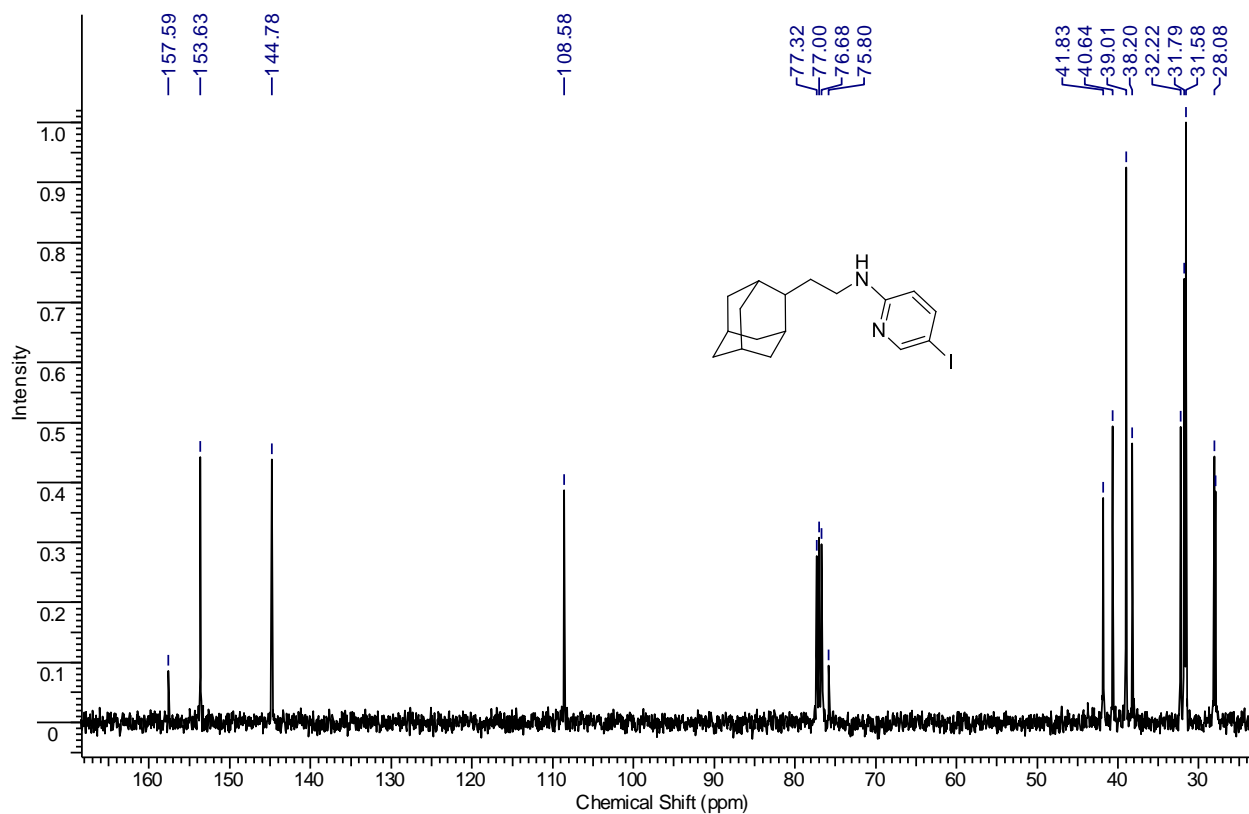
^1H NMR spectrum of **3a** (CDCl_3 , 400MHz, 300K).



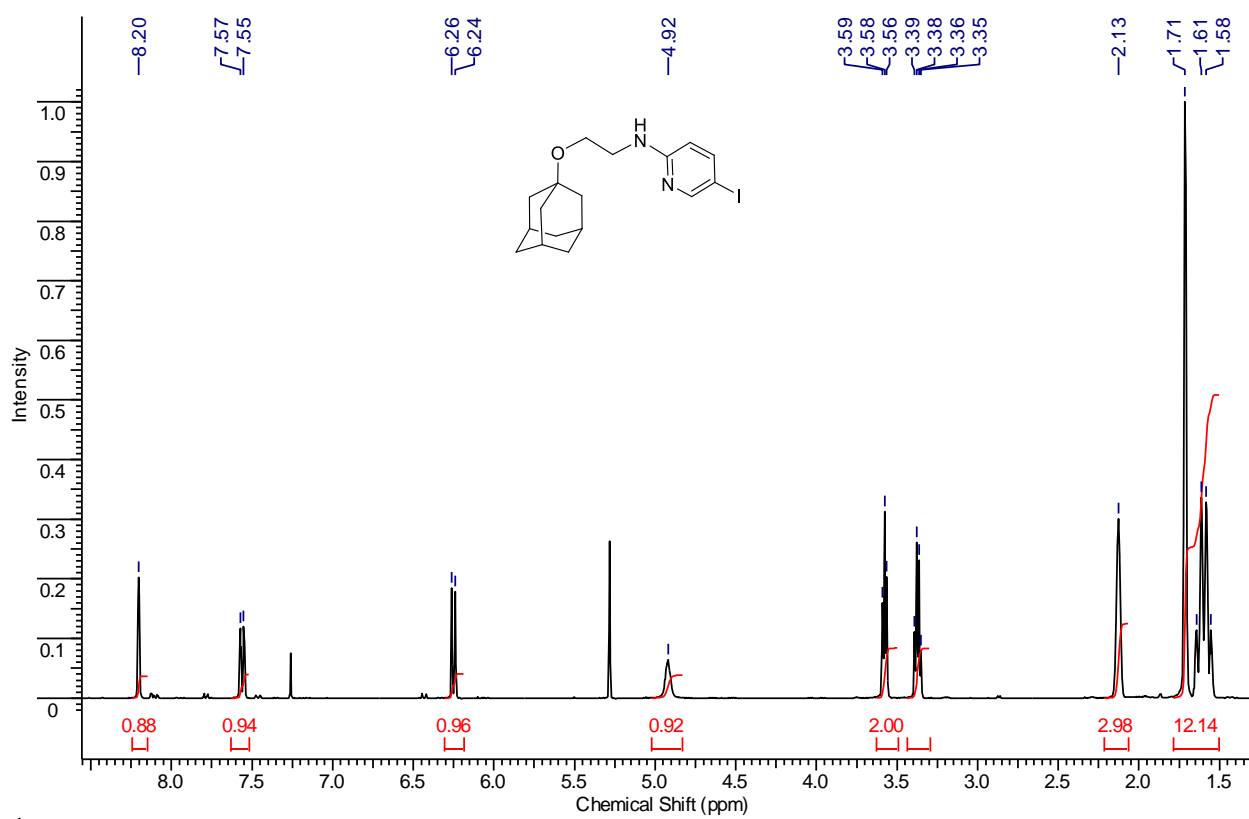
^{13}C NMR spectrum of **3a** (CDCl_3 , 100.6 MHz, 300K).



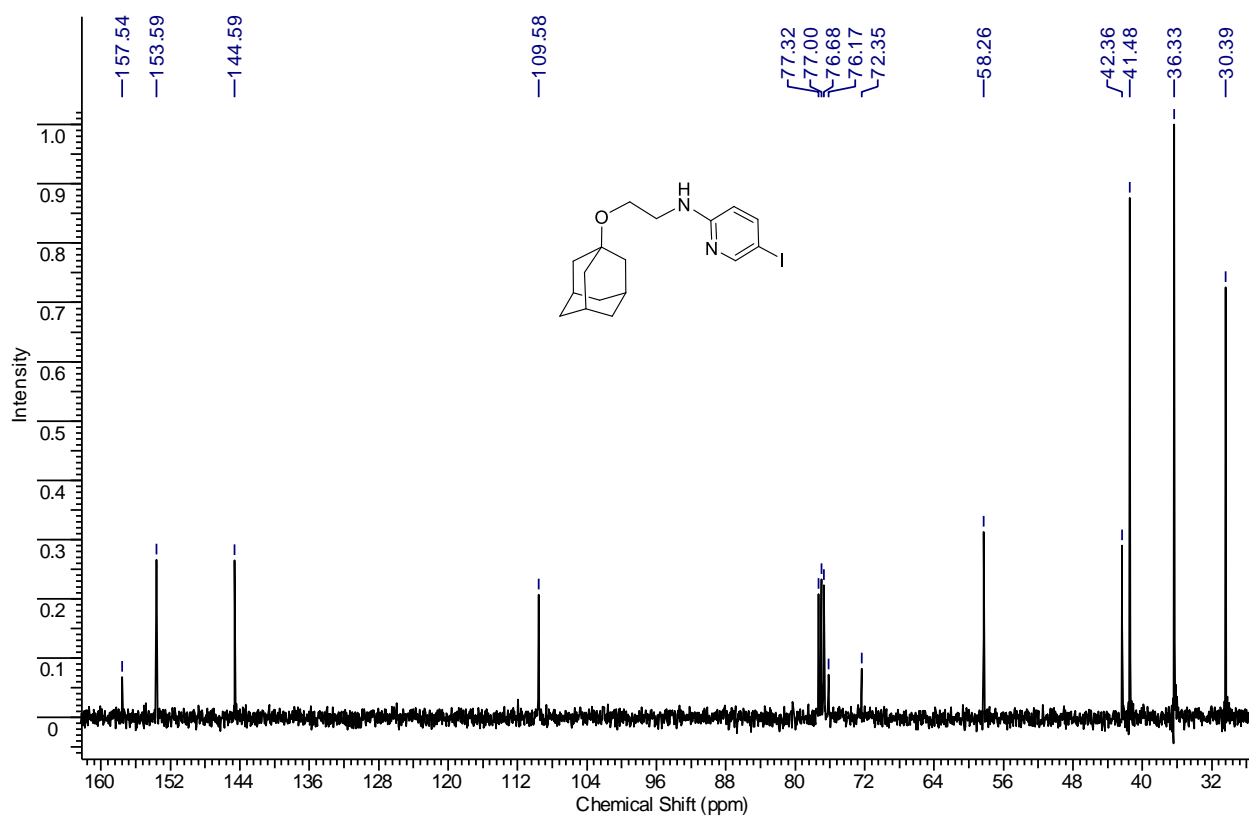
^1H NMR spectrum of **3b** (CDCl_3 , 400MHz, 300K).



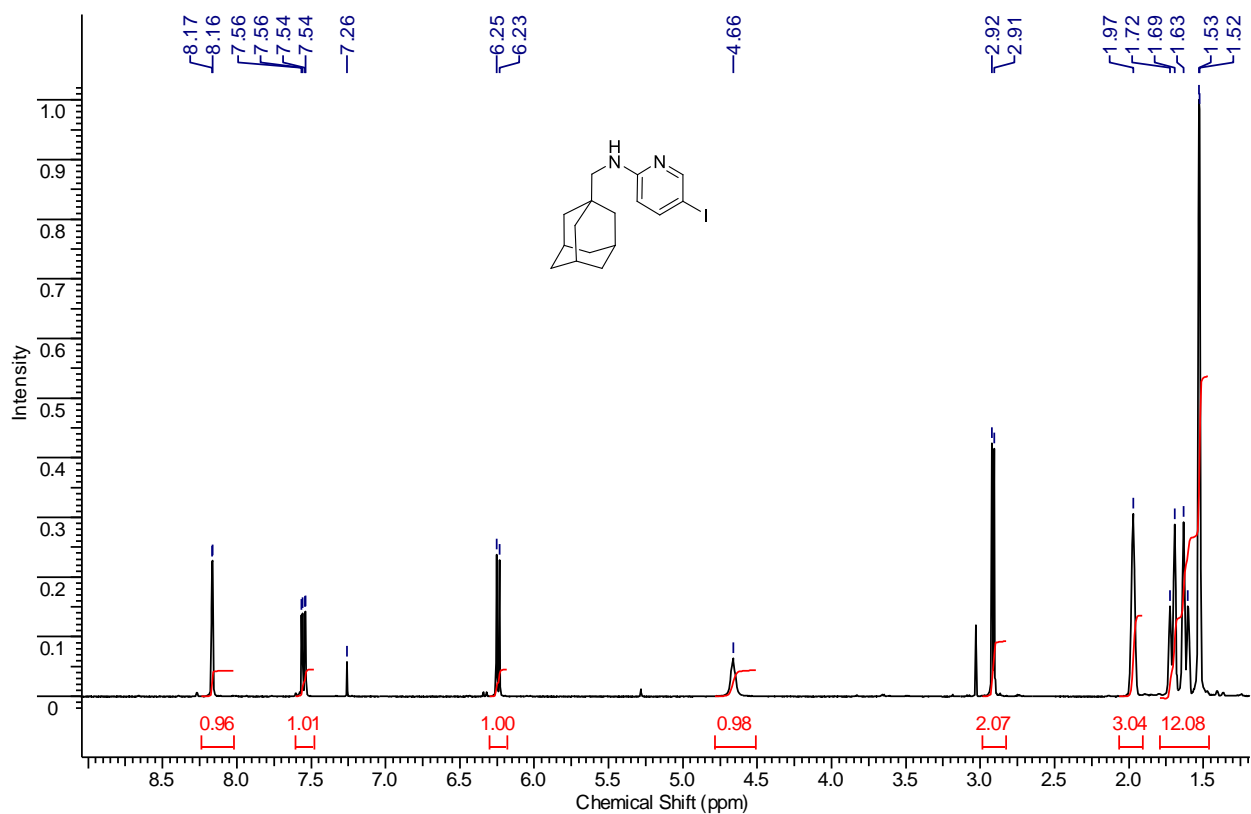
^{13}C NMR spectrum of **3b** (CDCl_3 , 100.6 MHz, 300K).



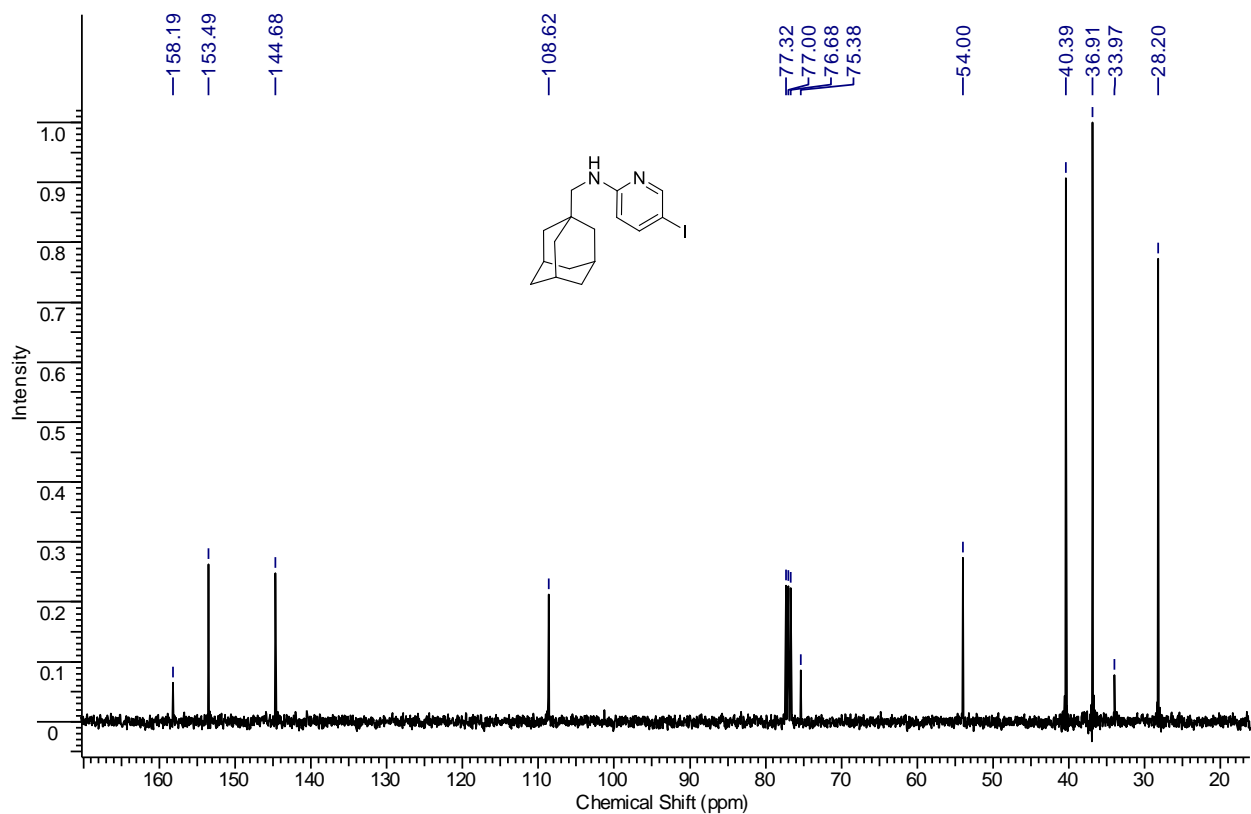
^1H NMR spectrum of **3c** (CDCl_3 , 400MHz, 300K).



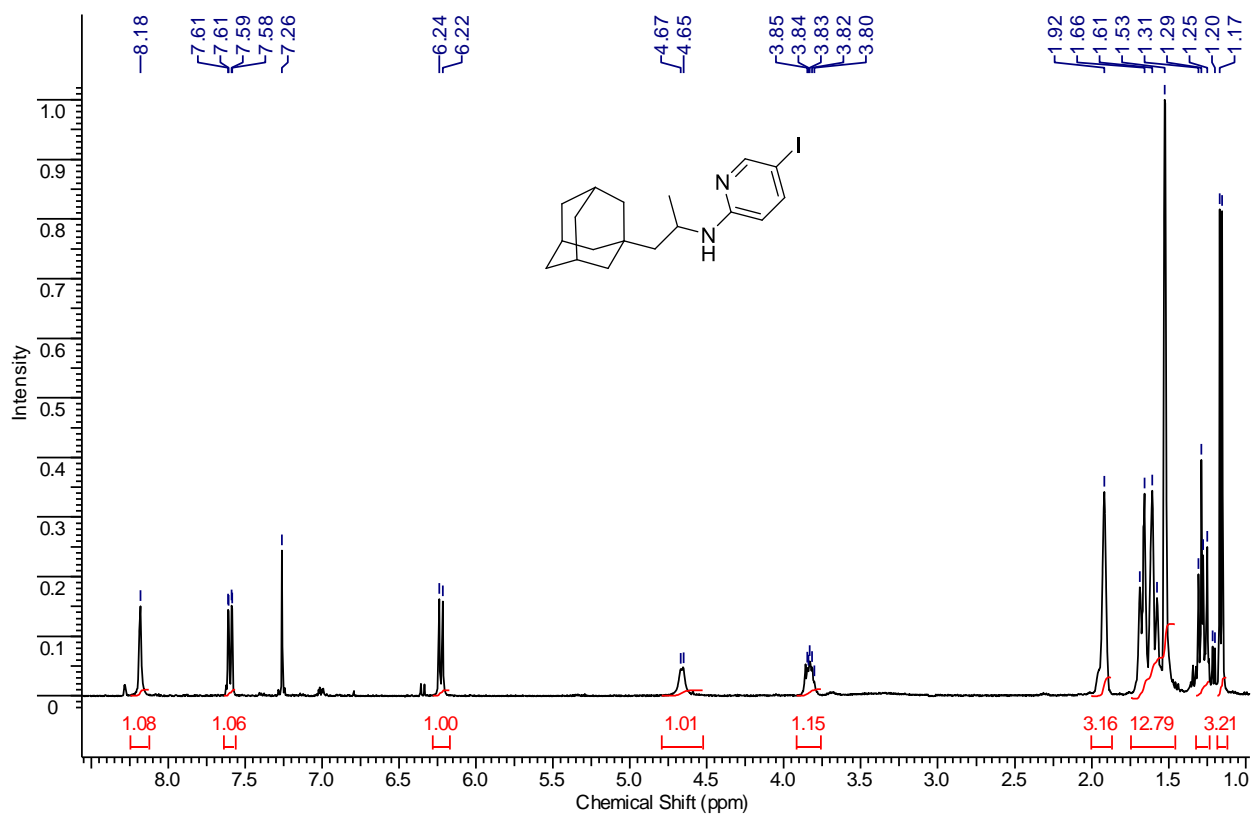
^{13}C NMR spectrum of **3c** (CDCl_3 , 100.6 MHz, 300K).



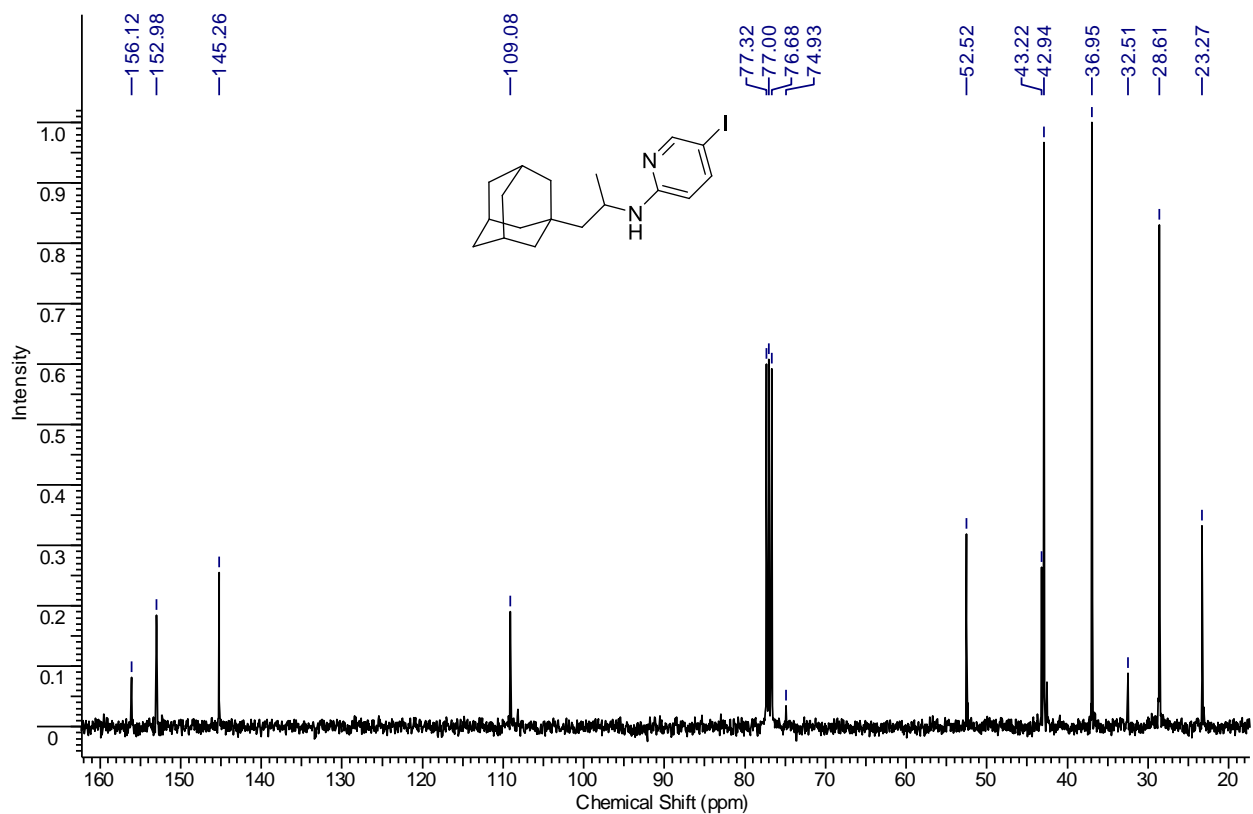
^1H NMR spectrum of **3d** (CDCl_3 , 400MHz, 300K).



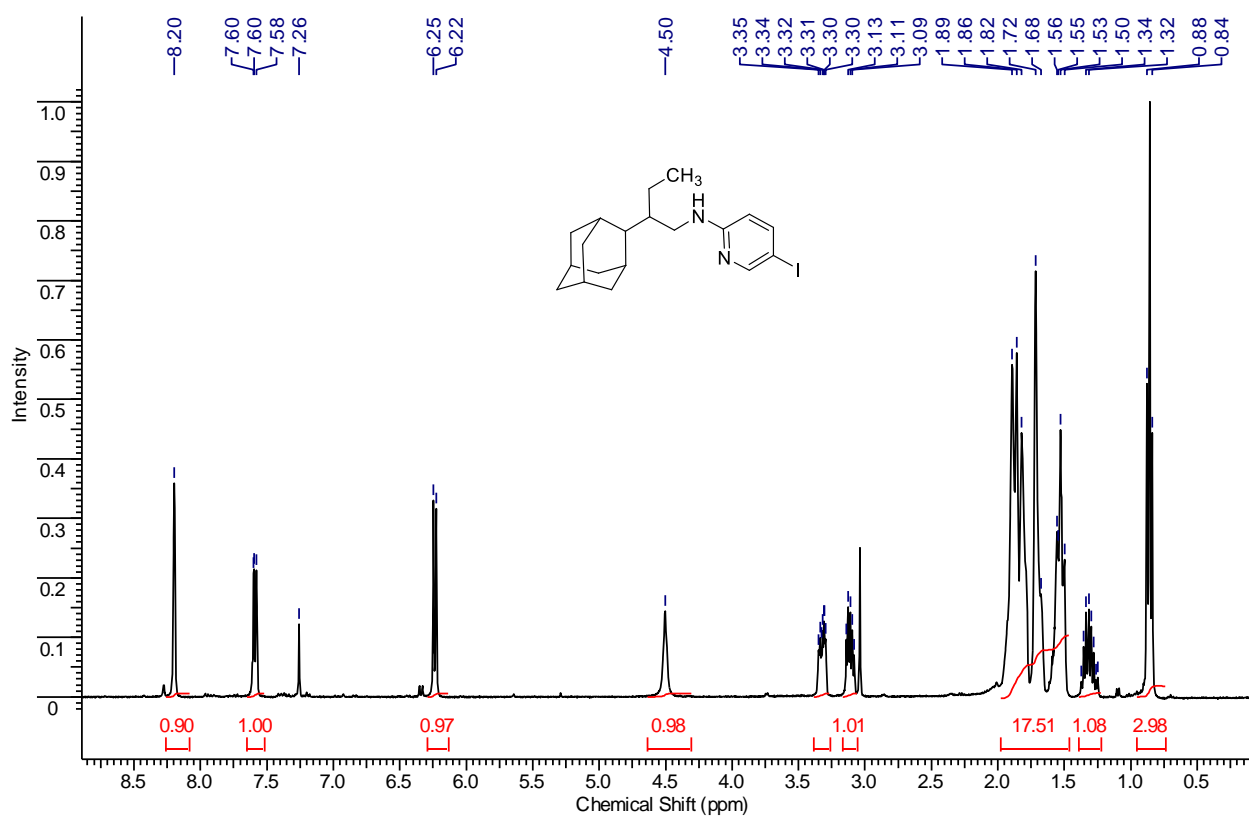
^{13}C NMR spectrum of **3d** (CDCl_3 , 100.6 MHz, 300K).



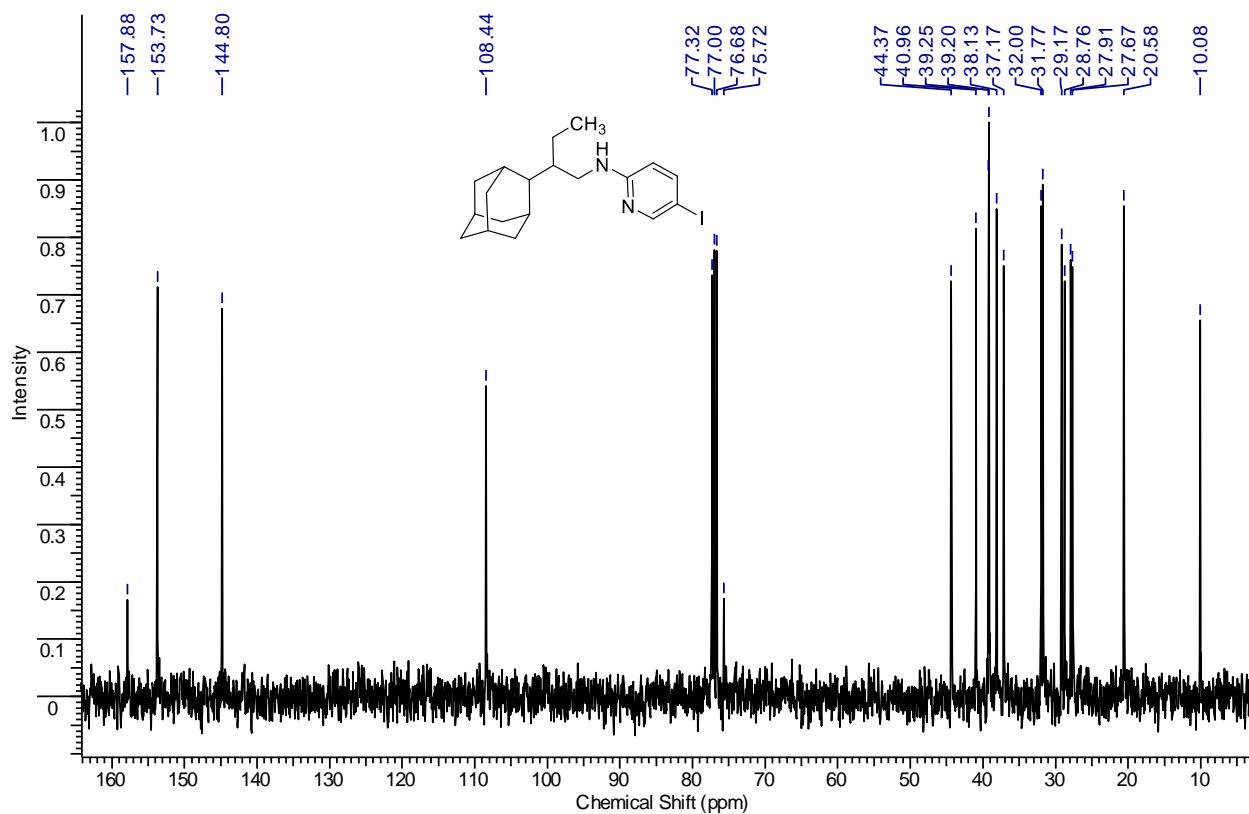
^1H NMR spectrum of **3f** (CDCl_3 , 400MHz, 300K).



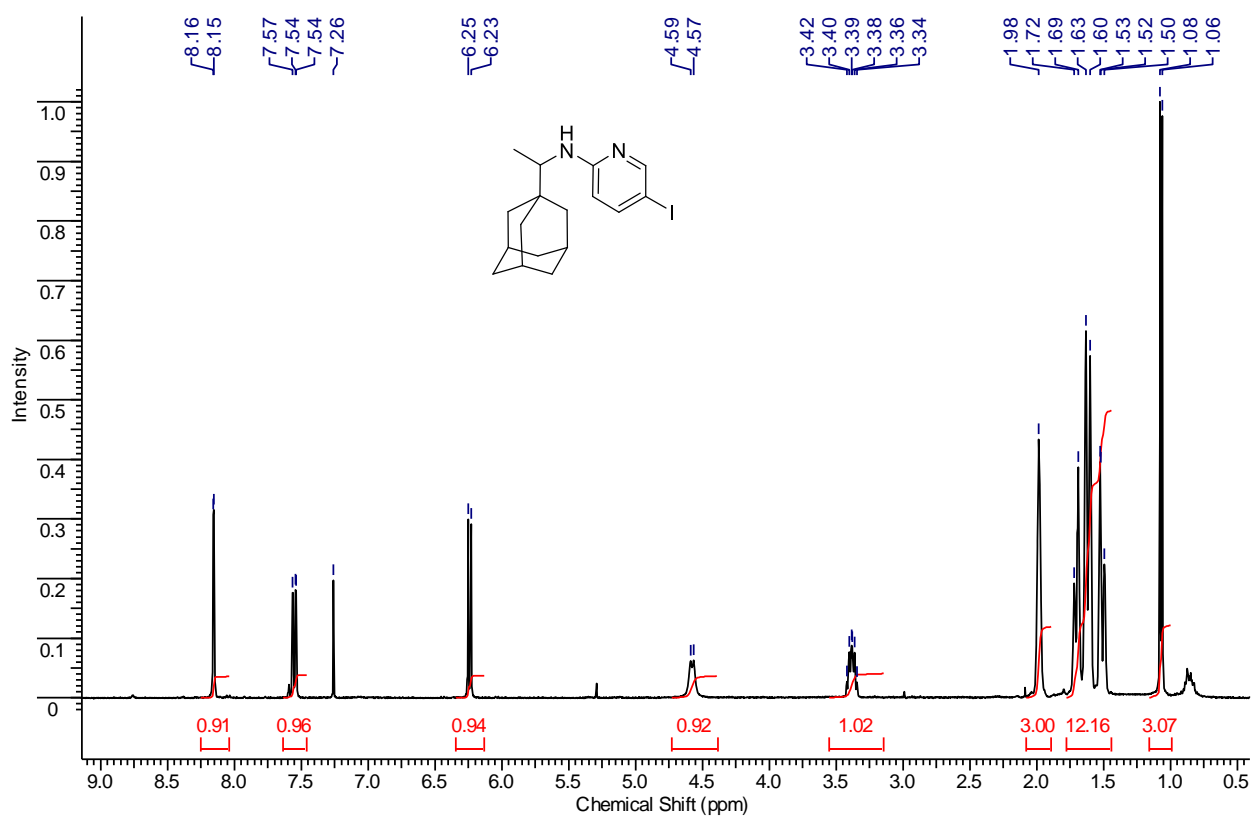
^{13}C NMR spectrum of **3f** (CDCl_3 , 100.6 MHz, 300K).



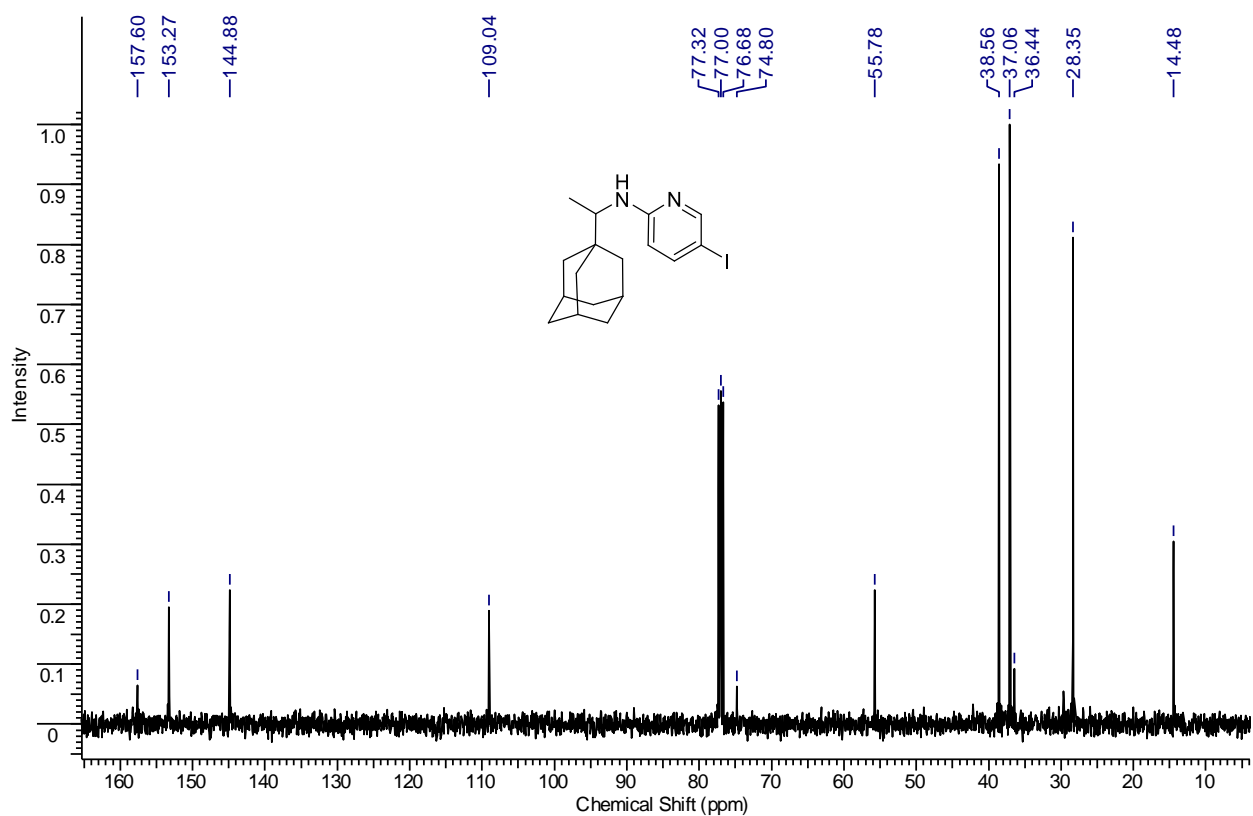
^1H NMR spectrum of **3h** (CDCl_3 , 400MHz, 300K).



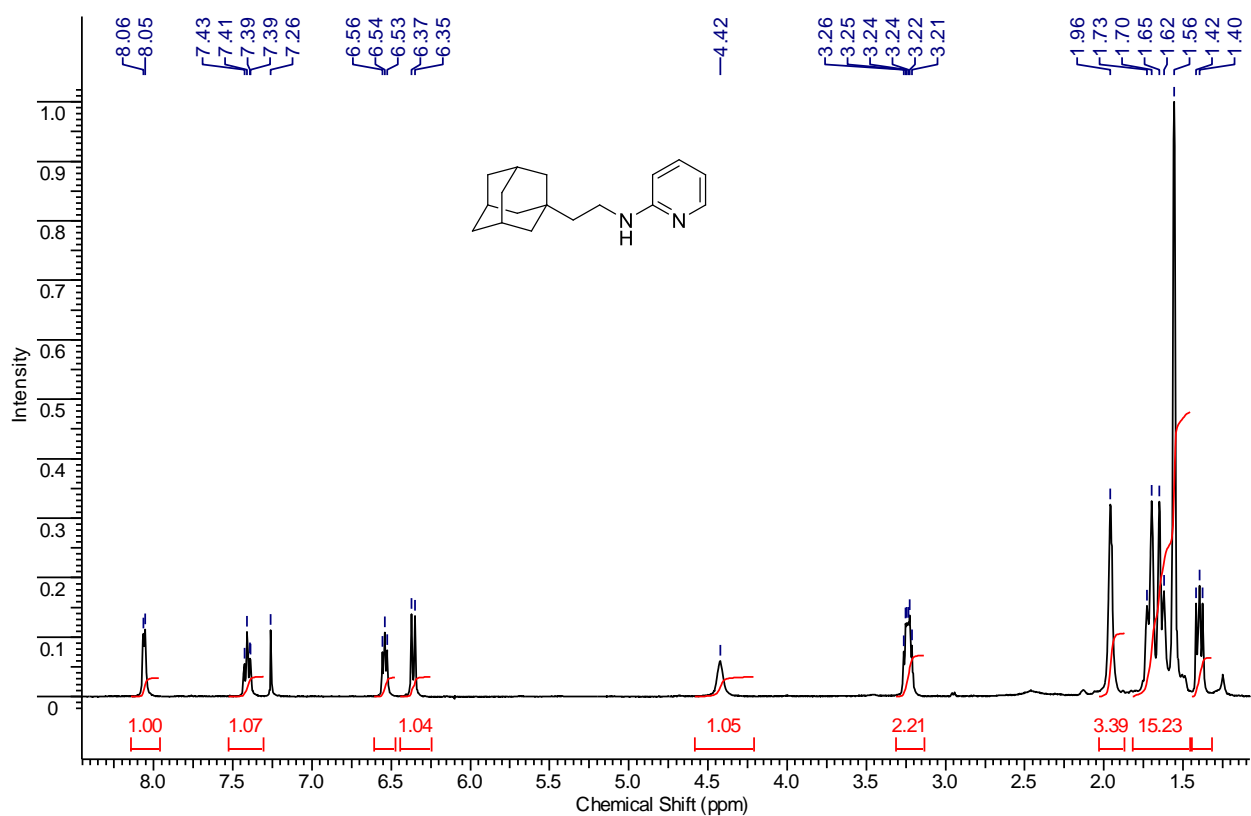
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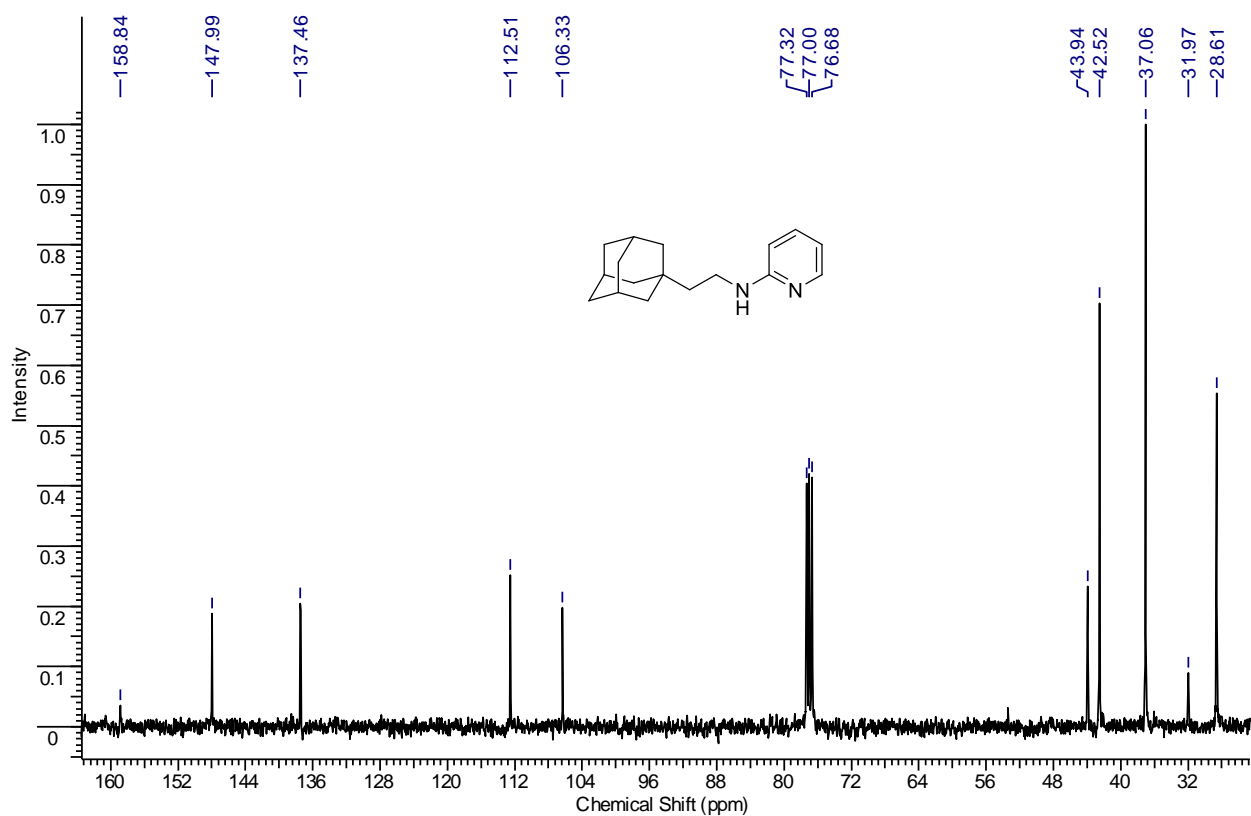
^1H NMR spectrum of **3i** (CDCl_3 , 400MHz, 300K).



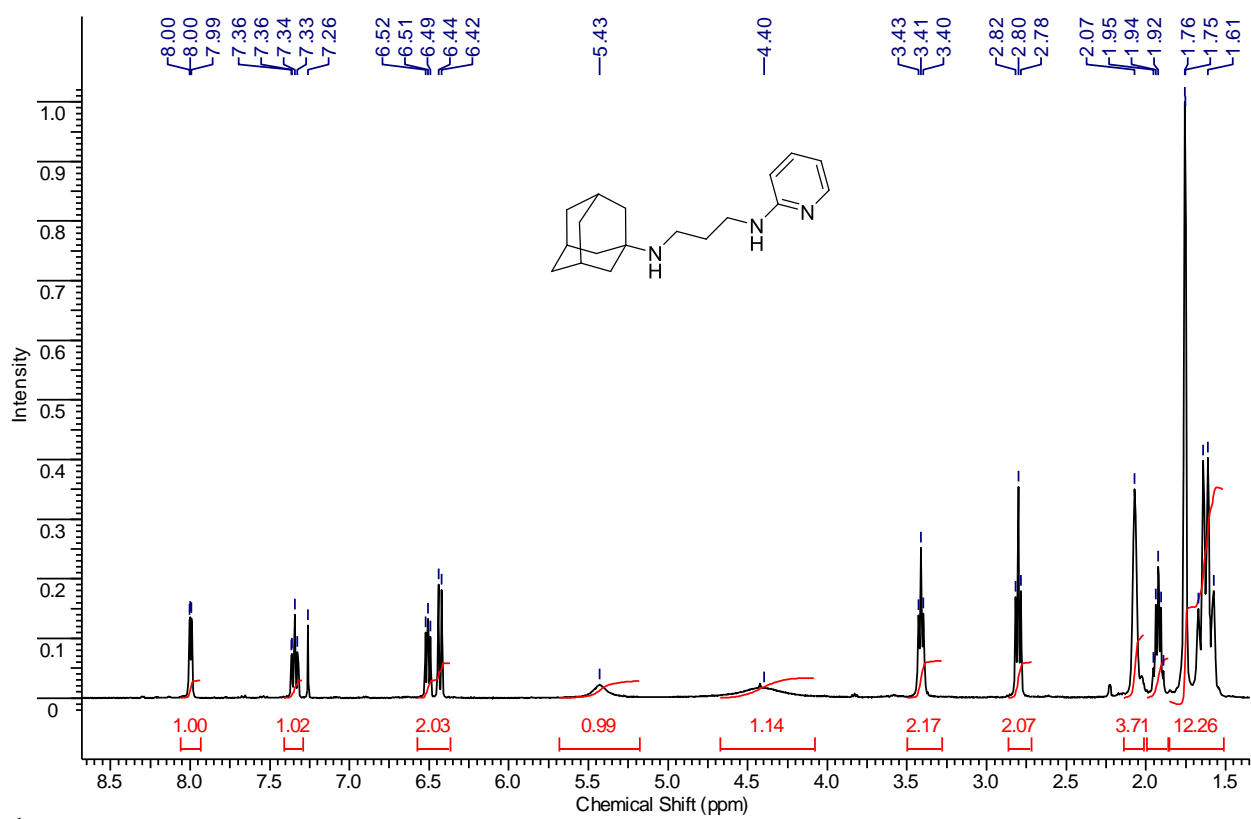
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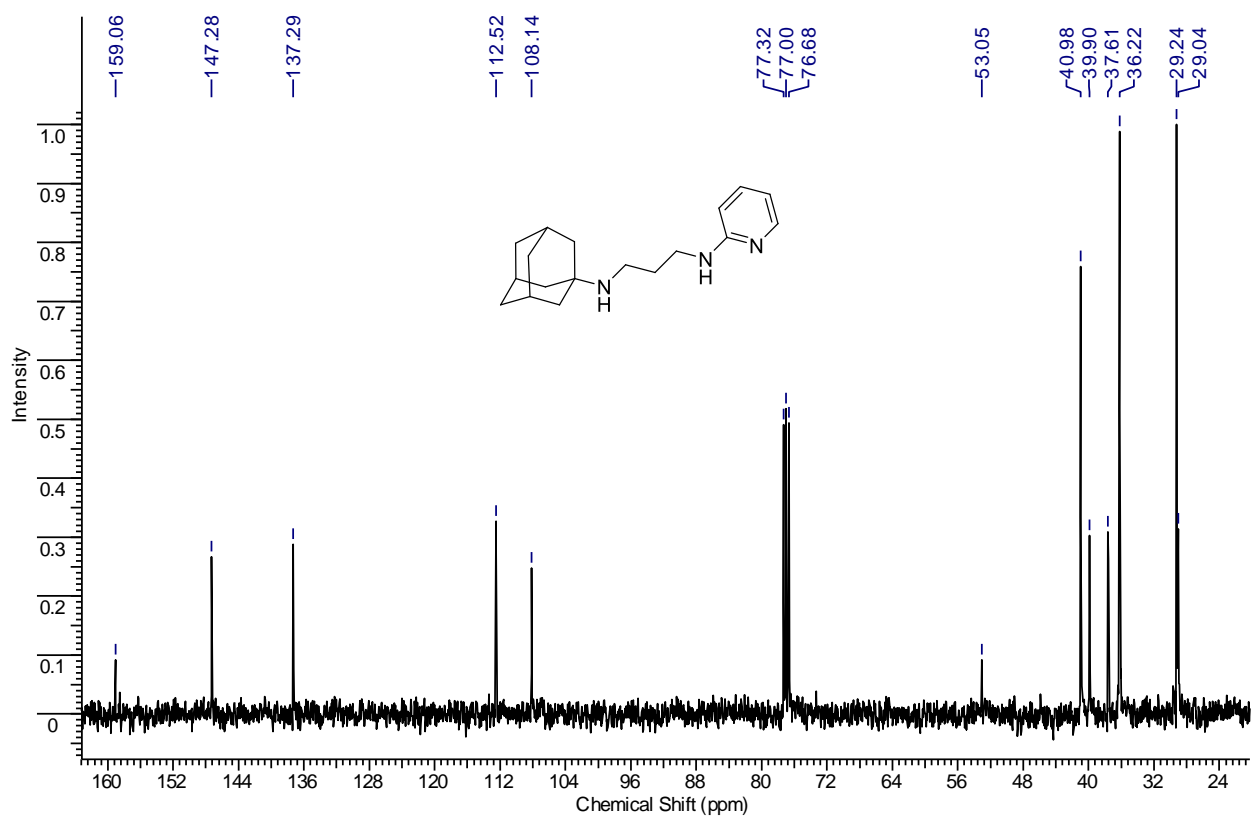
^1H NMR spectrum of **4a** (CDCl_3 , 400MHz, 300K).



^{13}C NMR spectrum of **4a** (CDCl_3 , 100.6 MHz, 300K).



^1H NMR spectrum of **4j** (CDCl_3 , 400MHz, 300K).



^{13}C NMR spectrum of **4j** (CDCl_3 , 100.6 MHz, 300K).