

Supplementary Material

Optically pure *trans*-1-benzyl-4-aminopiperidin-3-ols. Synthesis and absolute configuration

Galina V. Grishina,^{a*} Ivan S. Veselov,^a Yulia V. Nelyubina,^b Anna N. Surovaya,^c and Nikolay S. Zefirov^a

^a*Department of Chemistry, Moscow State University, 119992 Moscow, Russia*

^b*A.N. Nesmeyanov Institute of Organoelement Compounds, Russian Academy of Sciences, 119991 Moscow, Russia*

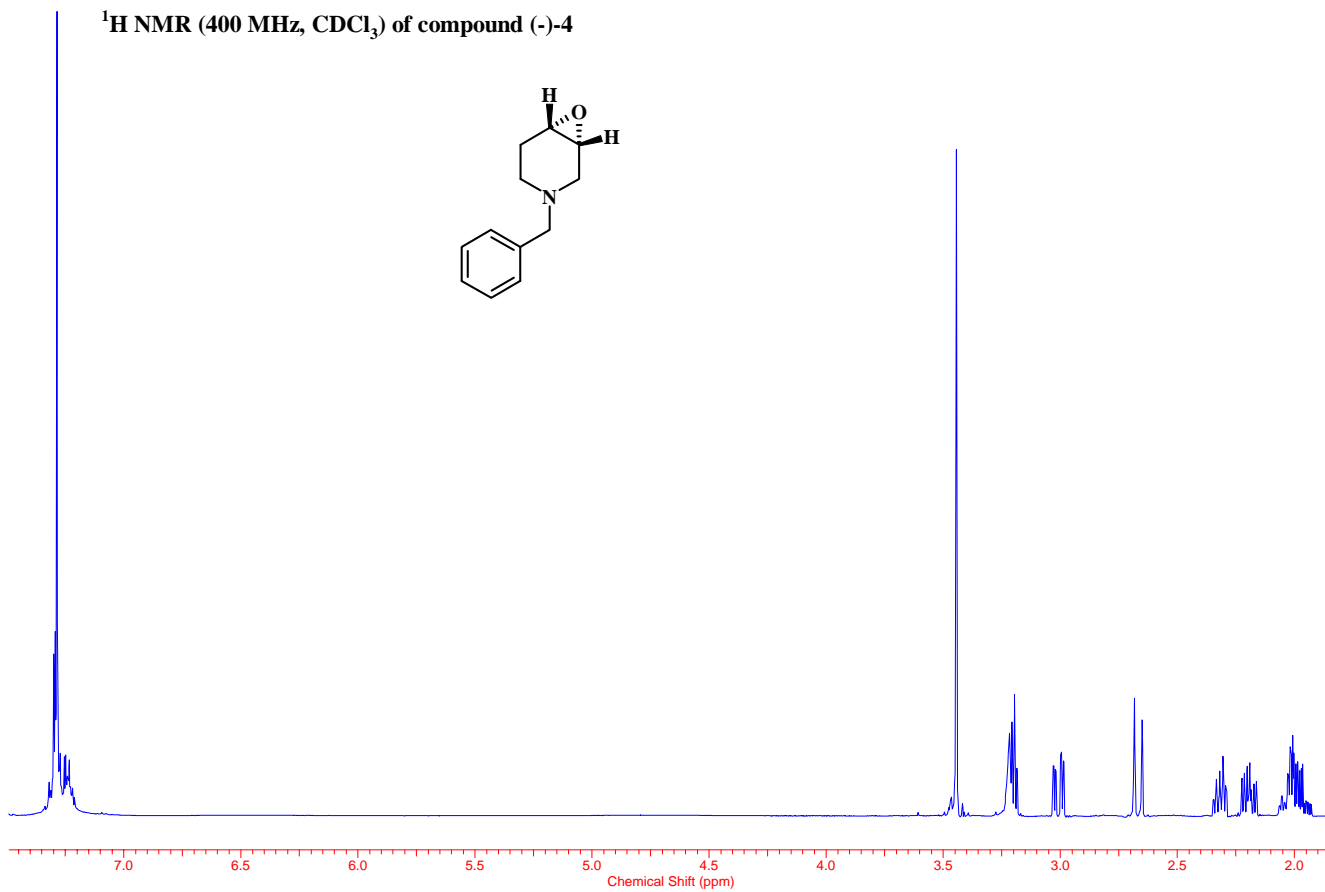
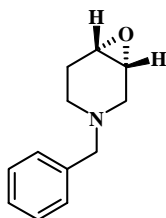
^c*Institute of Molecular Biology Russian Academy of Sciences, Moscow, Russia*

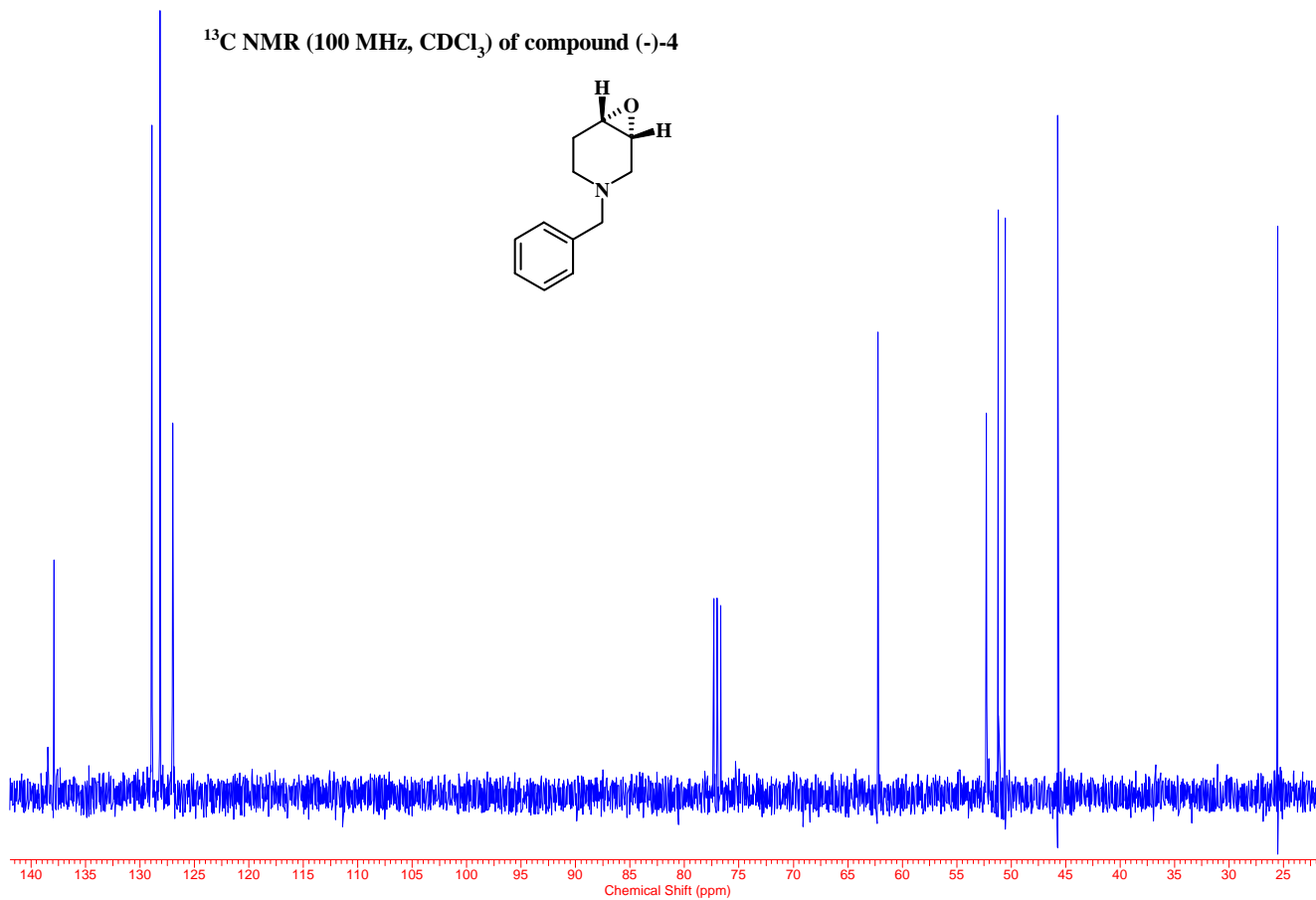
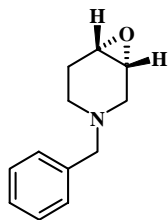
E-mail: grishina@org.chem.msu.ru

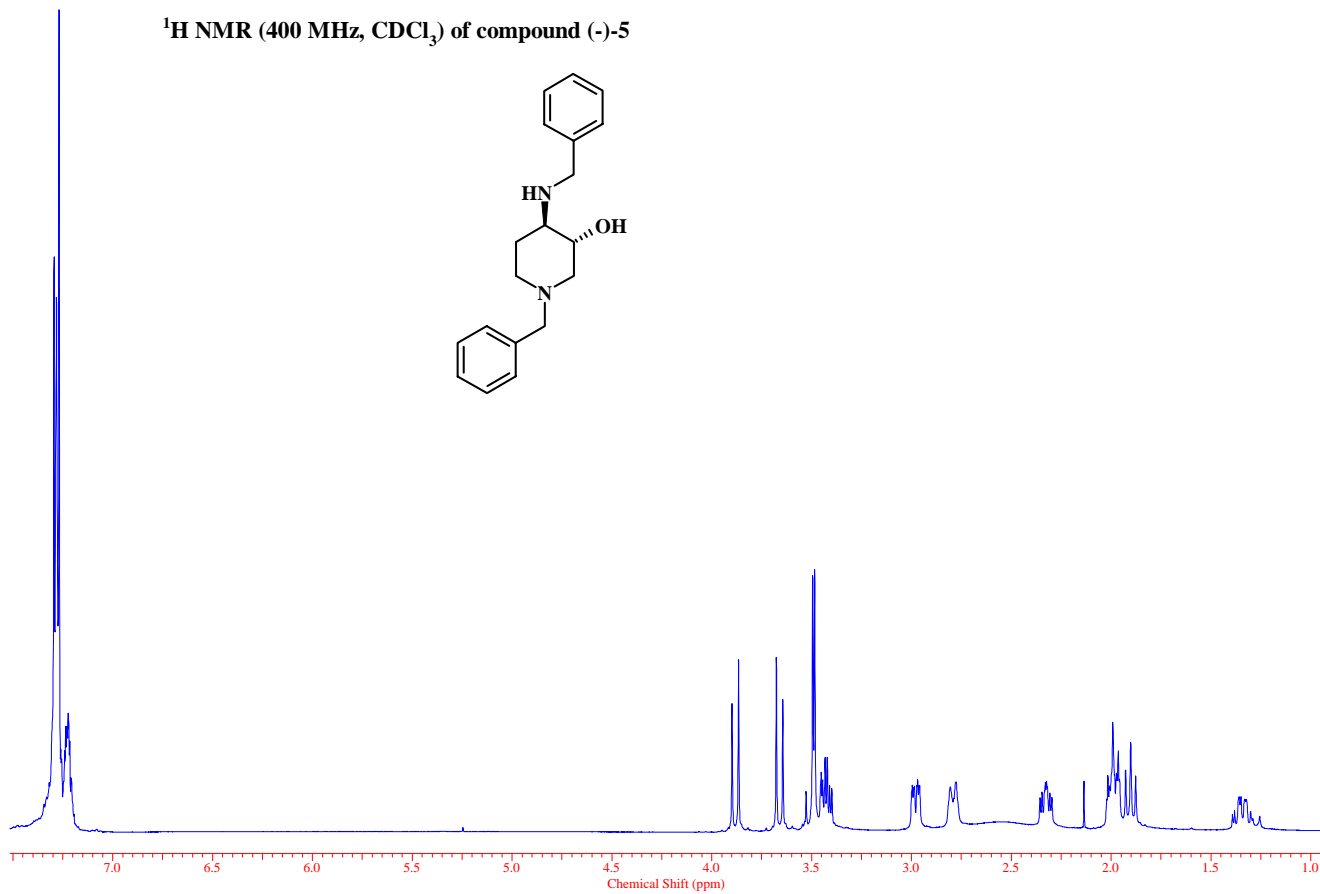
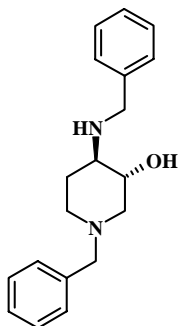
Table of Contents

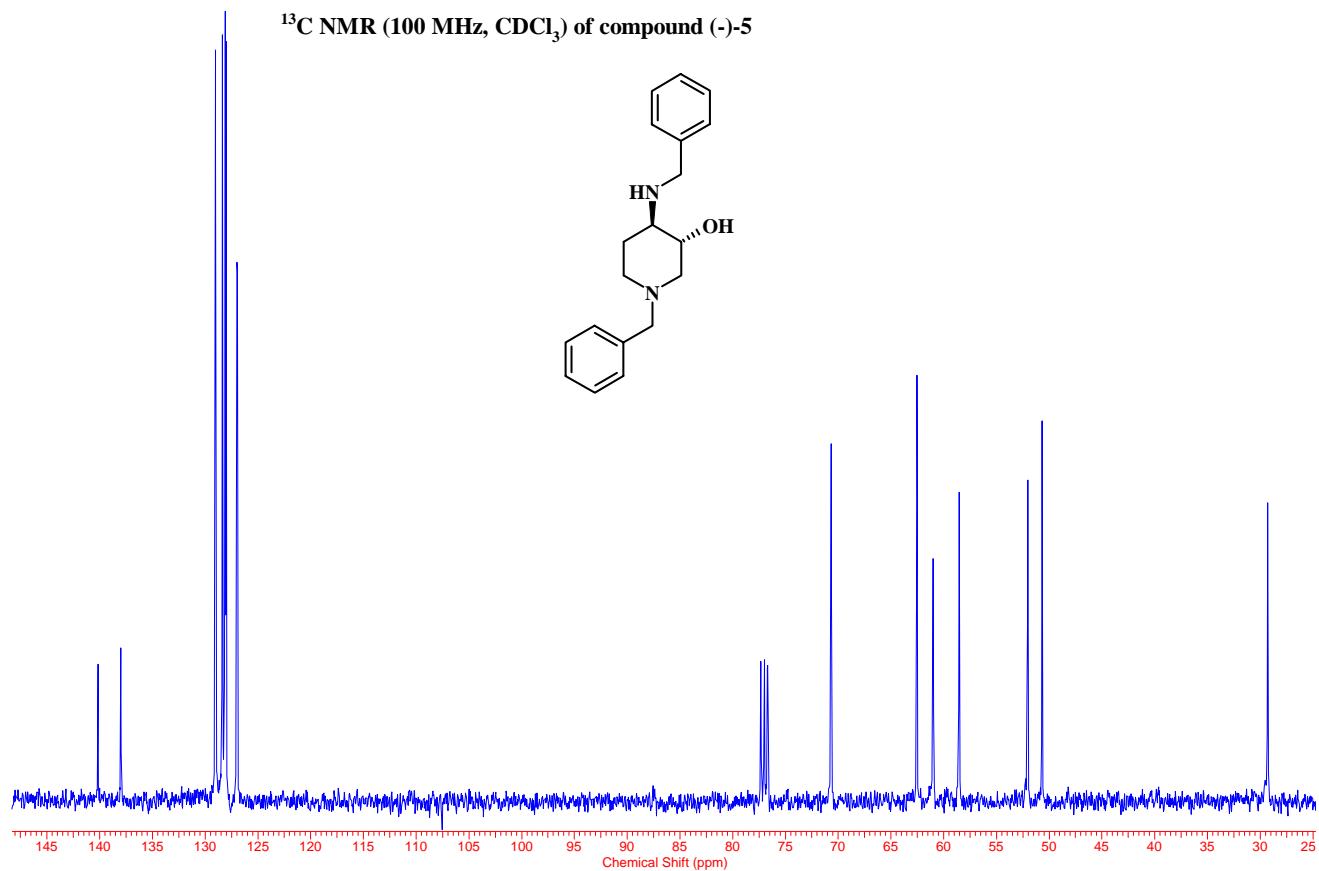
¹ H NMR spectrum (400 MHz, CDCl ₃) of compound (-)- 4	S2
¹³ C NMR spectrum (100 MHz, CDCl ₃) of compound (-)- 4	S3
¹ H NMR spectrum (400 MHz, CDCl ₃) of compound (-)- 5	S4
¹³ C NMR spectrum (100 MHz, CDCl ₃) of compound (-)- 5	S5
¹ H NMR spectrum (400 MHz, CDCl ₃) of compound (-)- 6	S6
¹ H NMR spectrum (400 MHz, CDCl ₃) of compound (+)- 6	S7
¹ H NMR spectrum (400 MHz, CDCl ₃) of compound (-)- 7	S8
¹³ C NMR spectrum (100 MHz, CDCl ₃) of compound (-)- 7	S9
¹ H NMR spectrum (400 MHz, D ₂ O) of compound (+)- 8	S10

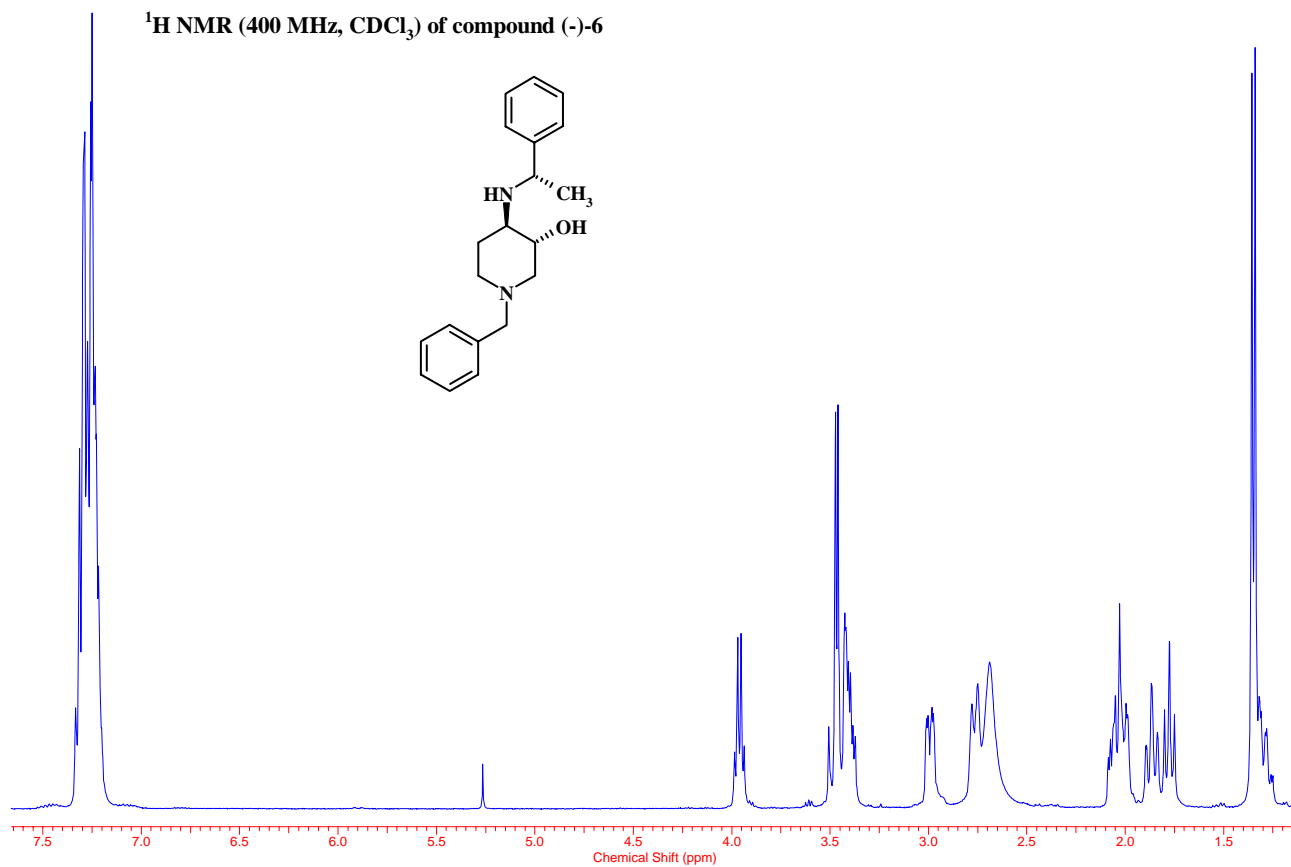
¹H NMR (400 MHz, CDCl₃) of compound (-)-4



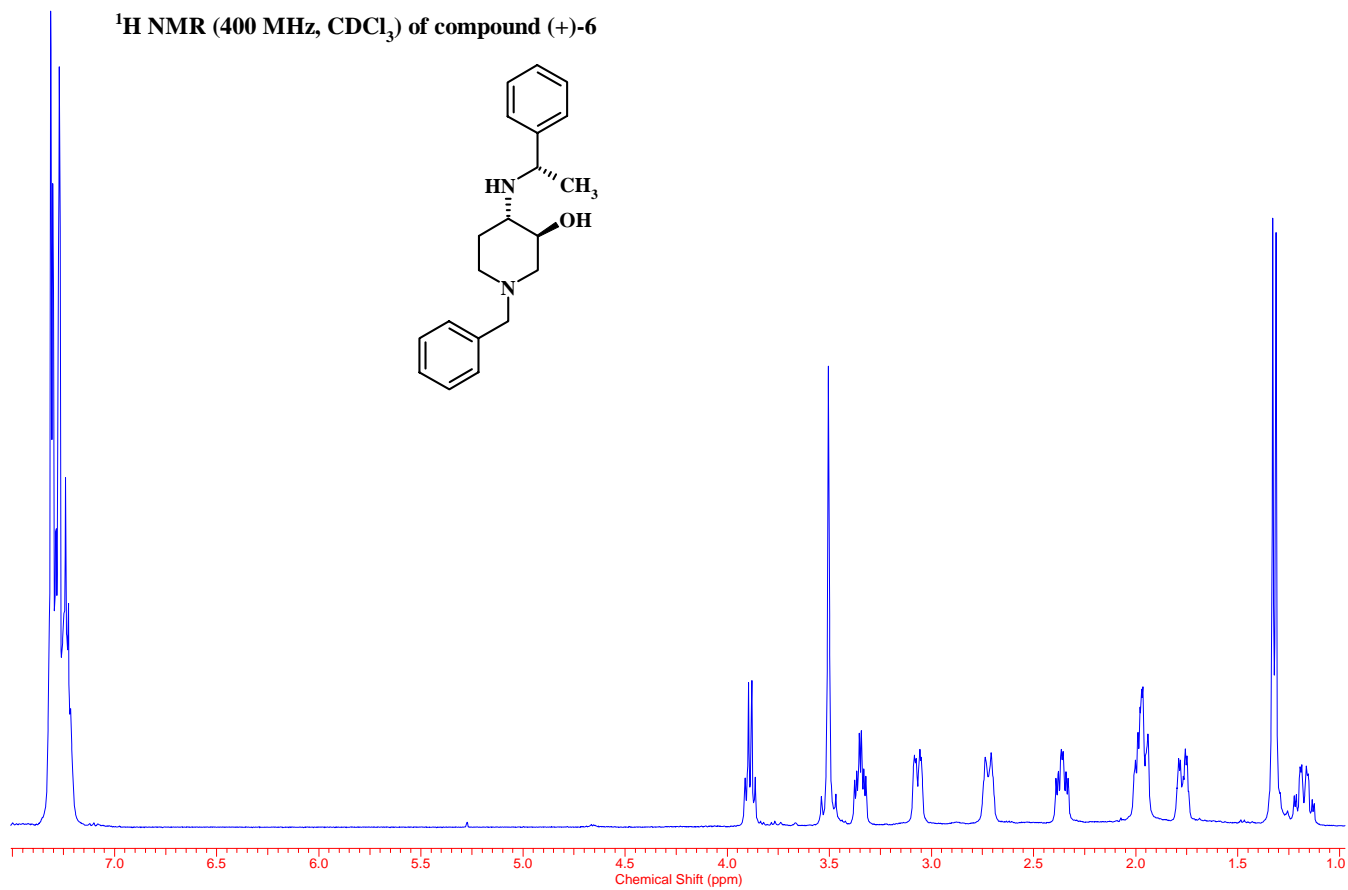
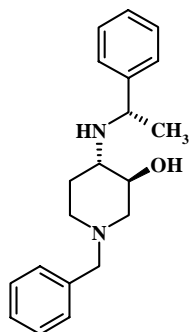
¹³C NMR (100 MHz, CDCl₃) of compound (-)-4

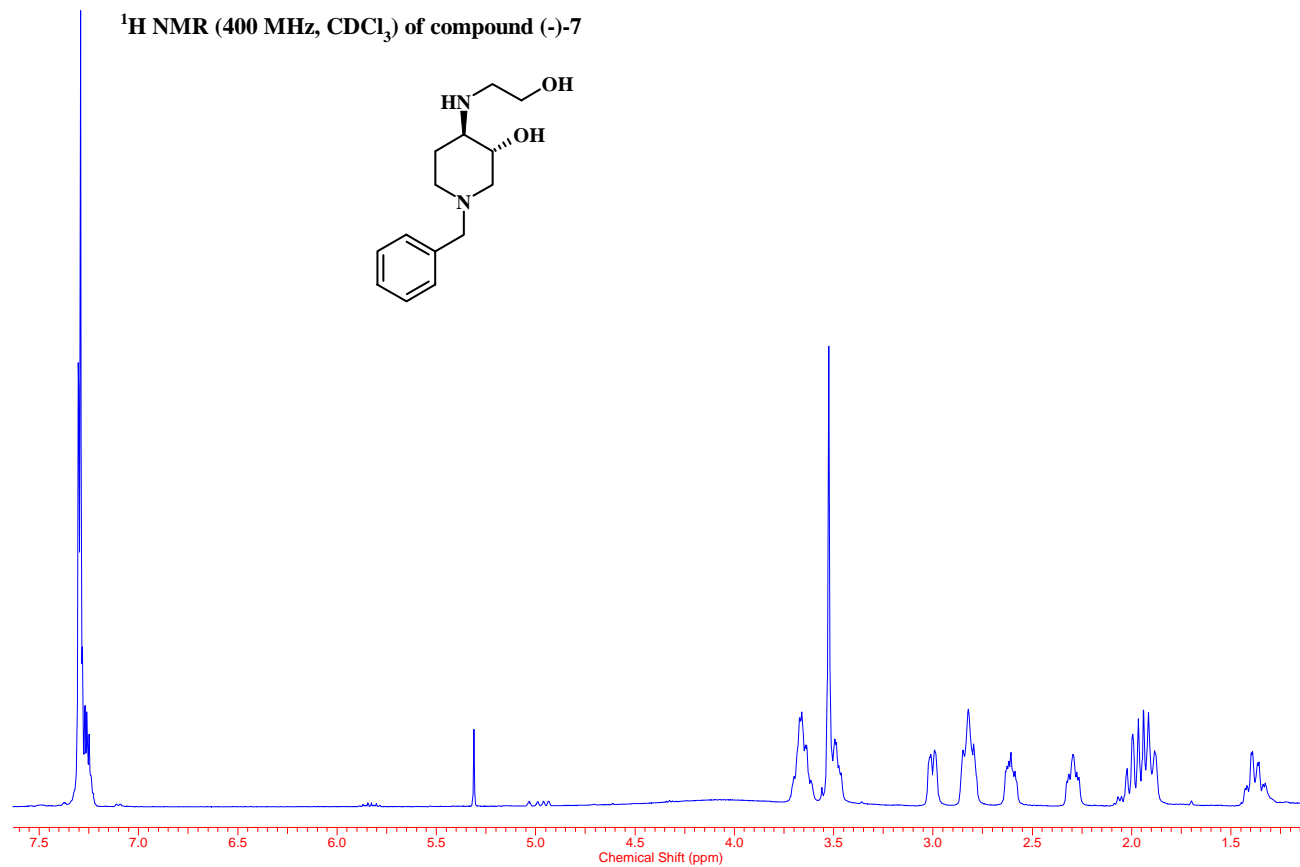
¹H NMR (400 MHz, CDCl₃) of compound (-)-5

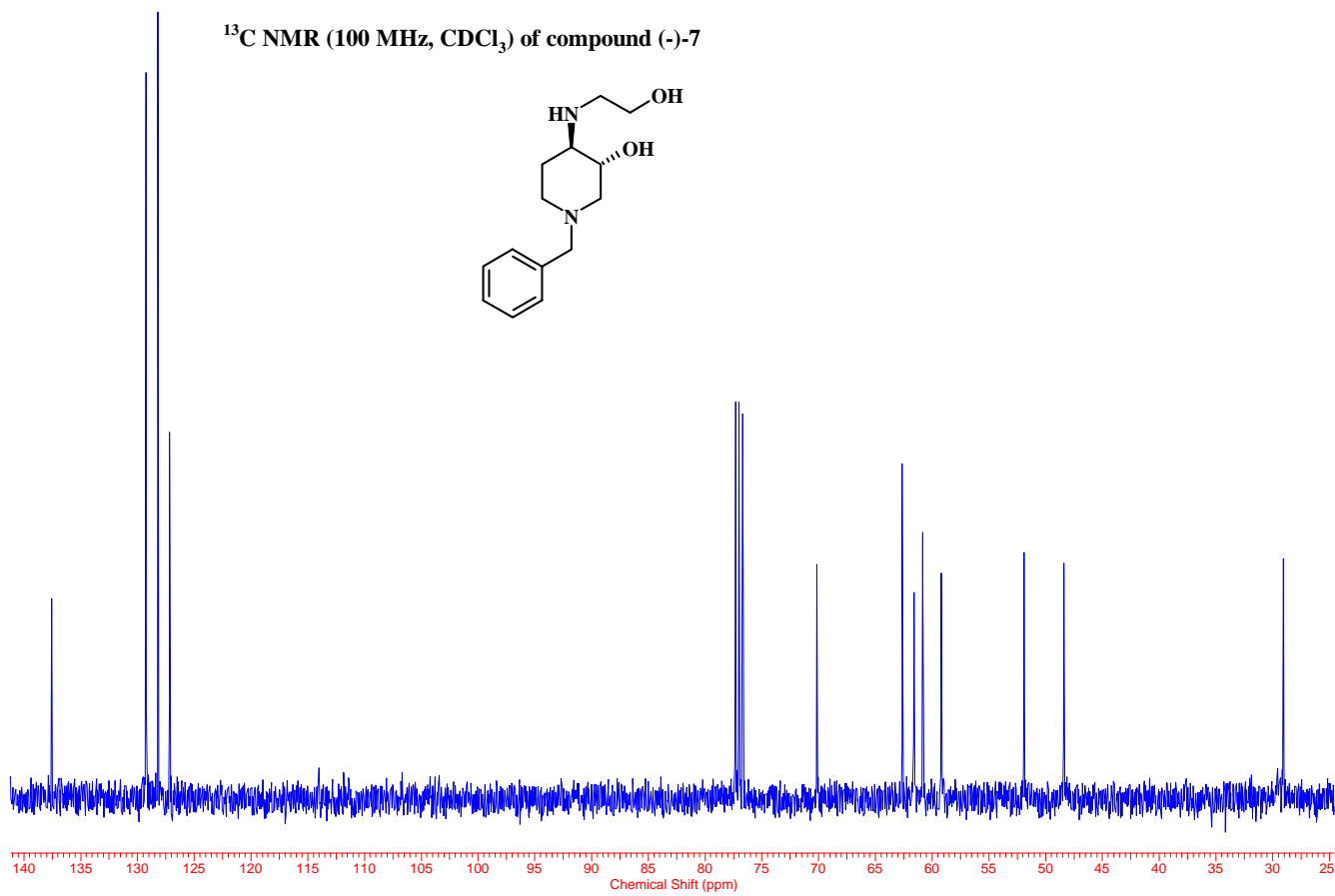
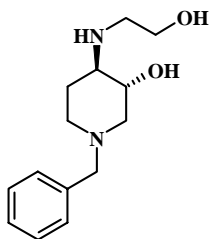
^{13}C NMR (100 MHz, CDCl_3) of compound (-)-5



¹H NMR (400 MHz, CDCl₃) of compound (+)-6





¹³C NMR (100 MHz, CDCl₃) of compound (-)-7

^1H NMR (400 MHz, D_2O) of compound (-)-8

