Supporting Information

Concise asymmetric synthesis of Linezolid through catalyzed Henry reaction.

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NMR Spectra

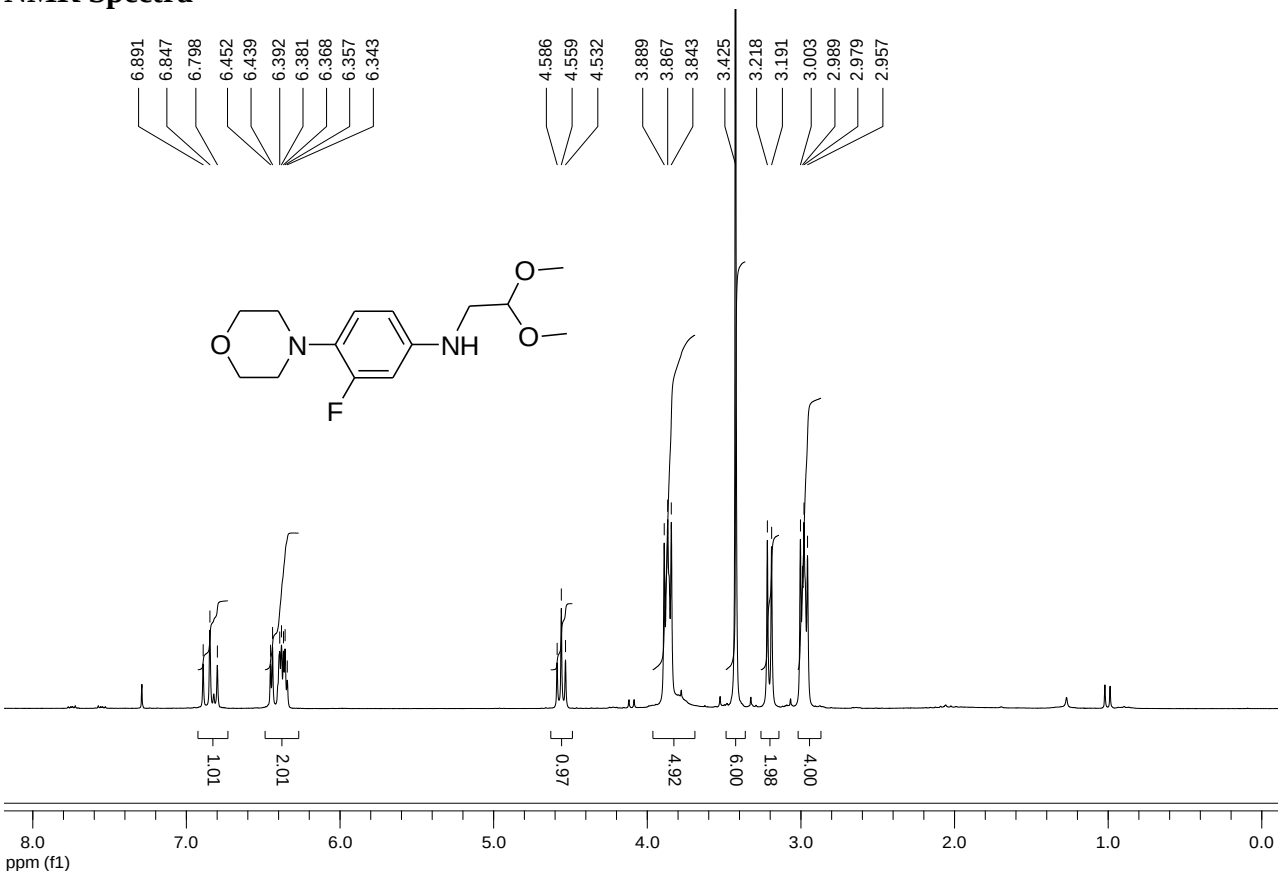

Figure 1. ^{1}H NMR (300 MHz, $CDCl_3$) spectrum of compound **4.**

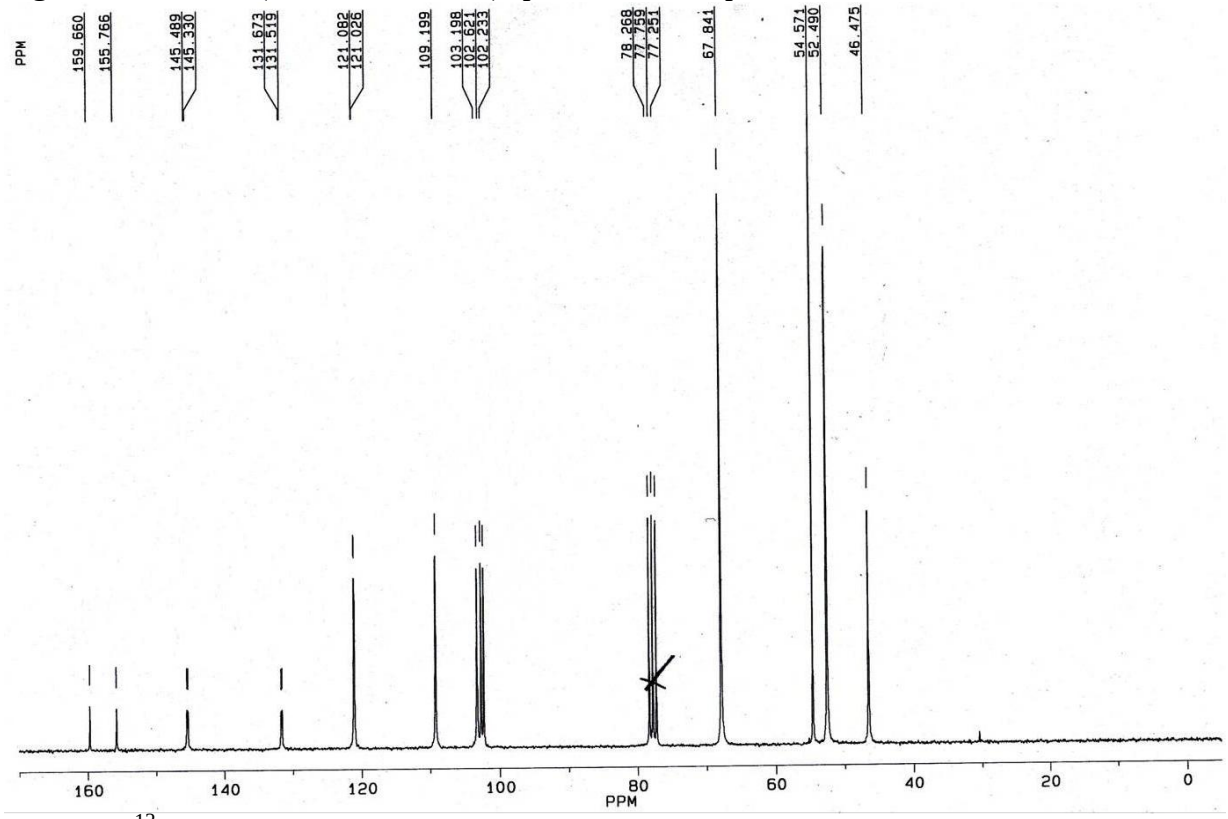

Figure 2. ^{13}C NMR (62.5 MHz, $CDCl_3$) spectrum of compound **4**.

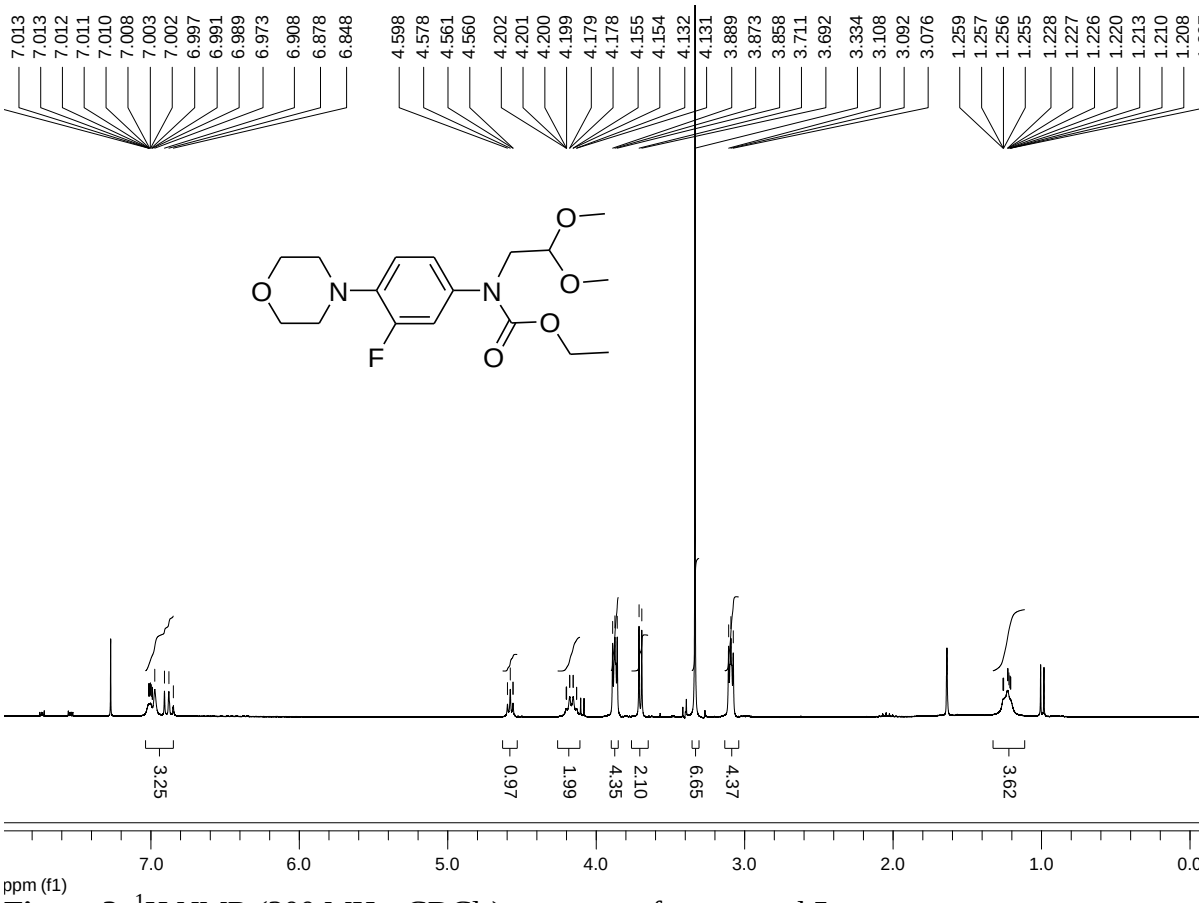

Figure 3. ^{1}H NMR (300 MHz, $CDCl_3$) spectrum of compound **5.**

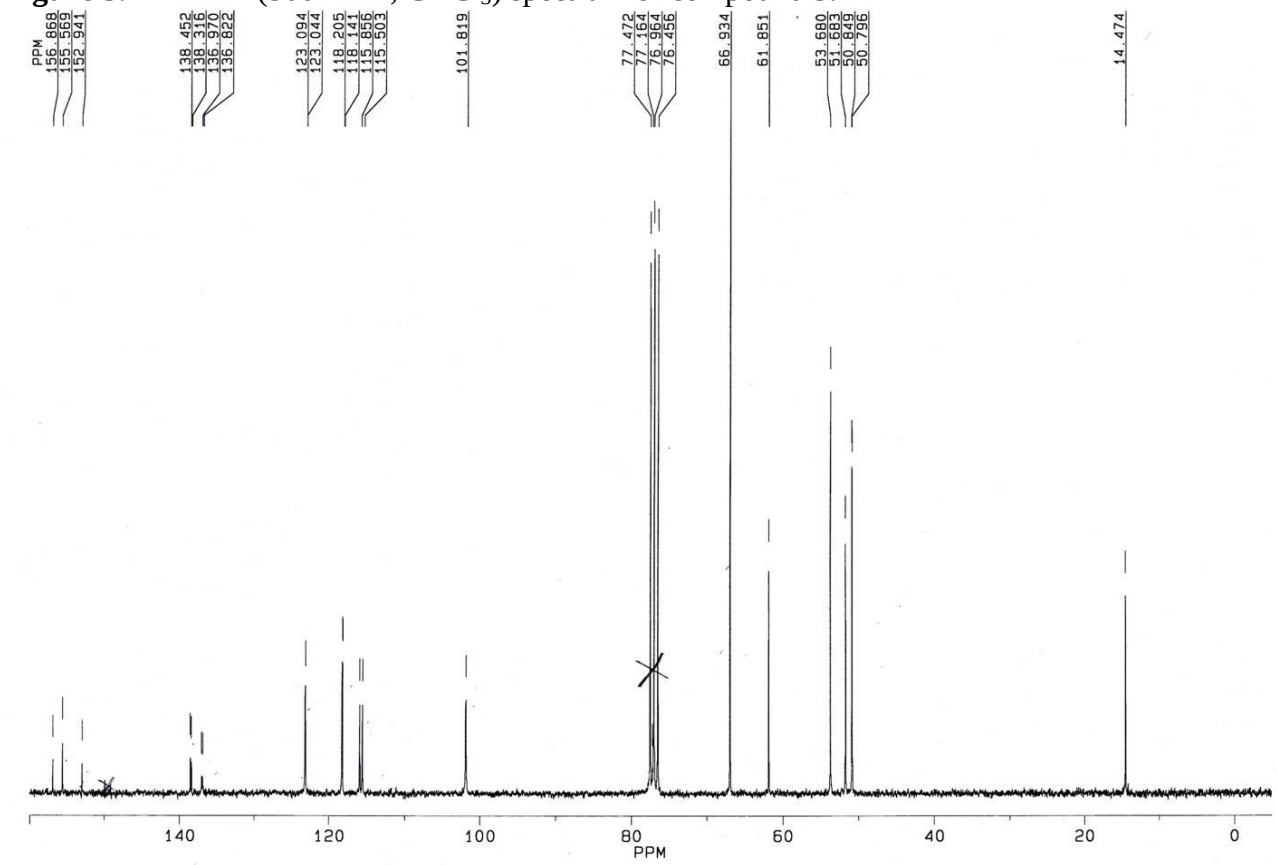

Figure 4. ^{13}C NMR (62.5 MHz, $CDCl_3$) spectrum of compound **5**.

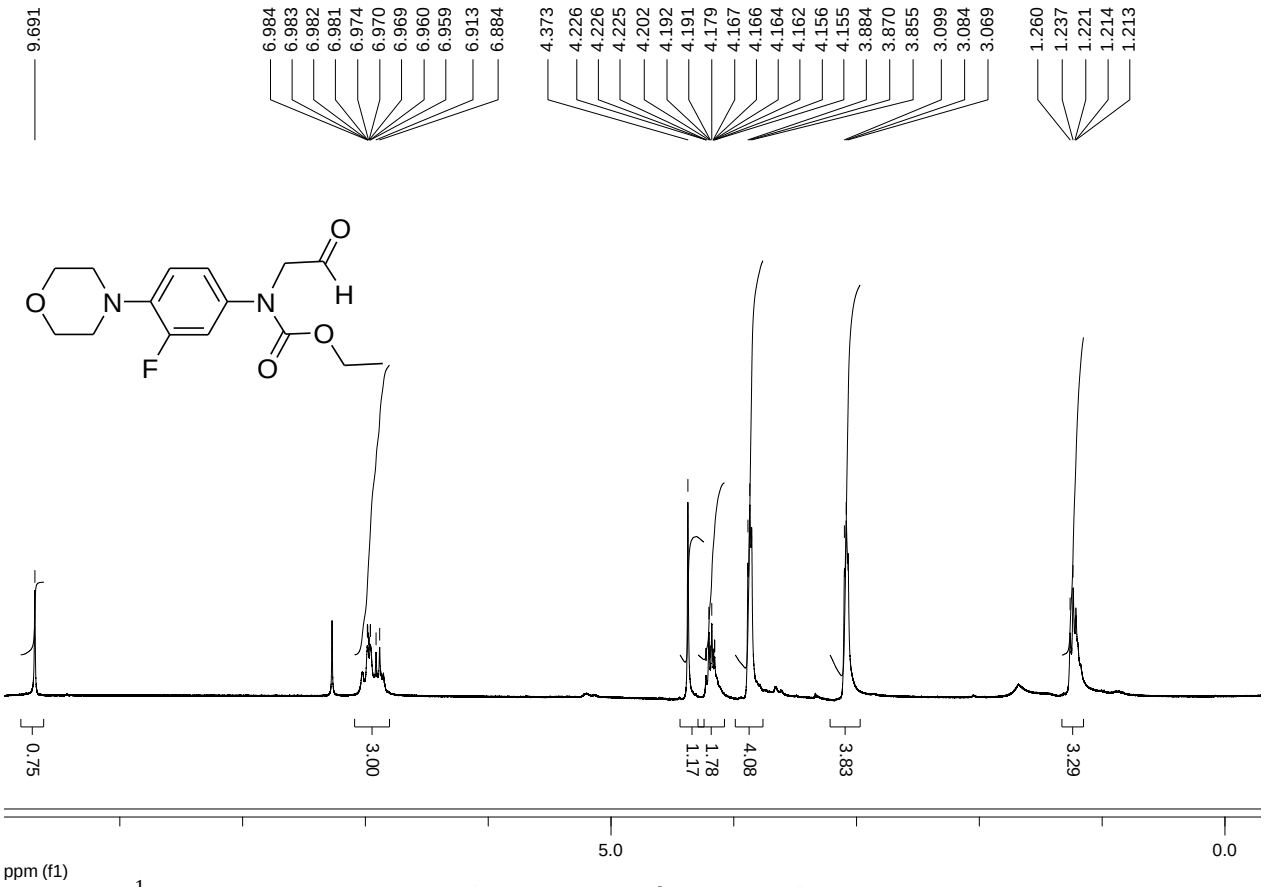

Figure 5. ^{1}H NMR (300 MHz, $CDCl_3$) spectrum of compound **3.**

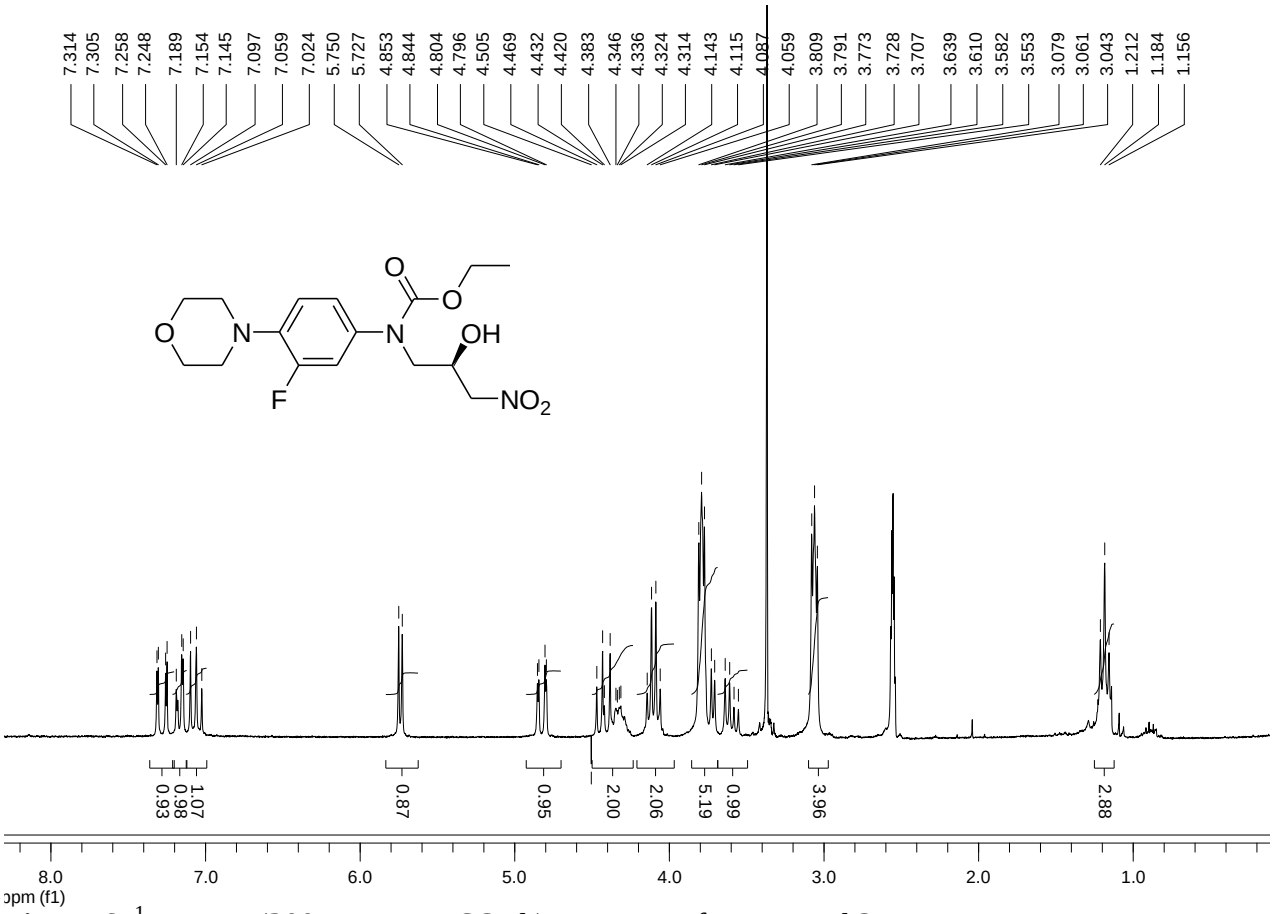

Figure 6. ^{1}H NMR (300 MHz, DMSO-d_6) spectrum of compound **2.**

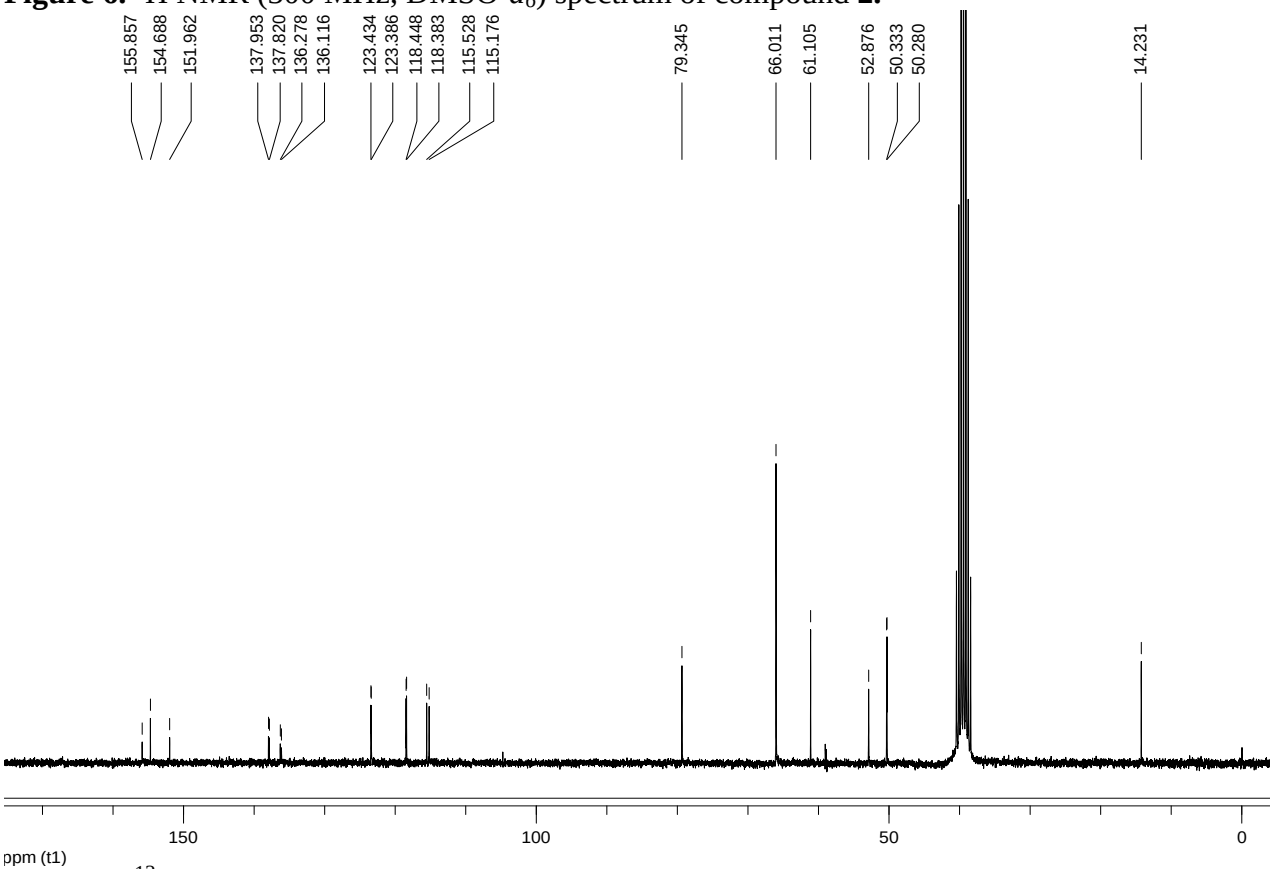

Figure 7. ^{13}C NMR (62.5 MHz, DMSO-d_6) spectrum of compound **2**.

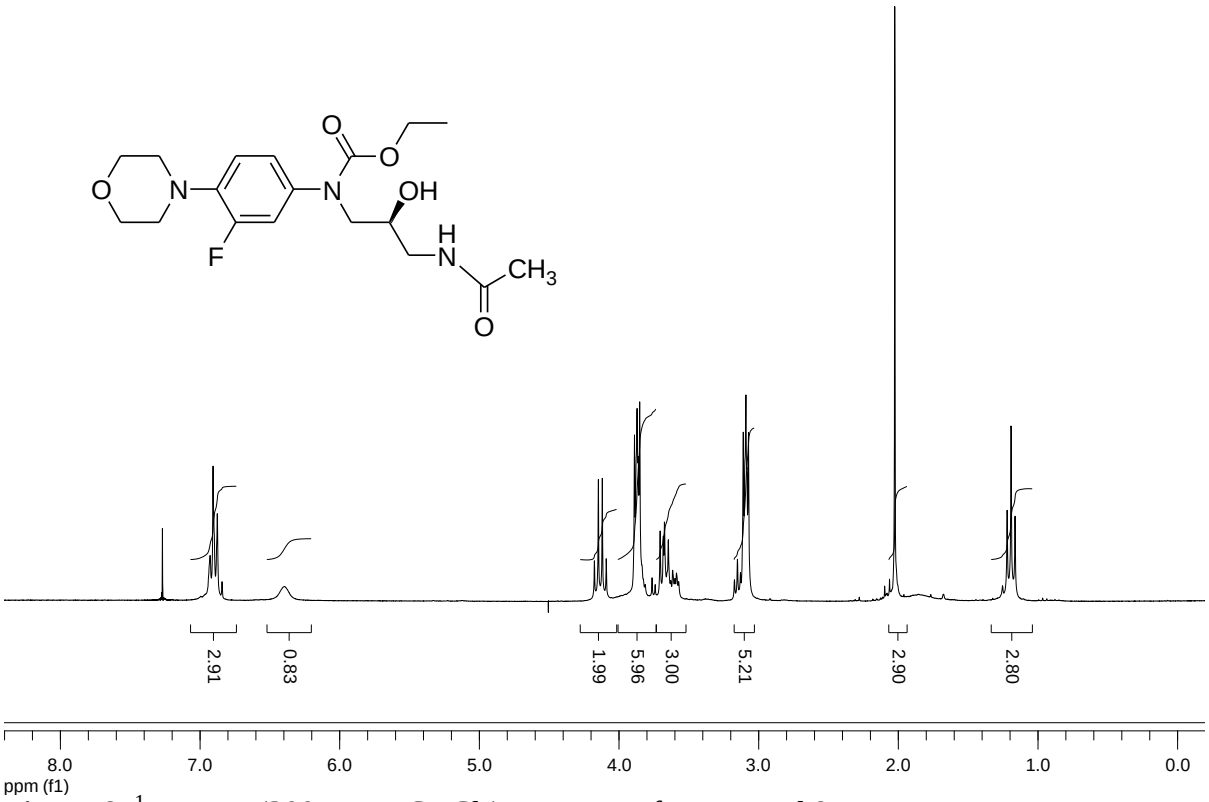

Figure 8. ^{1}H NMR (300 MHz, $CDCl_3$) spectrum of compound **9.**

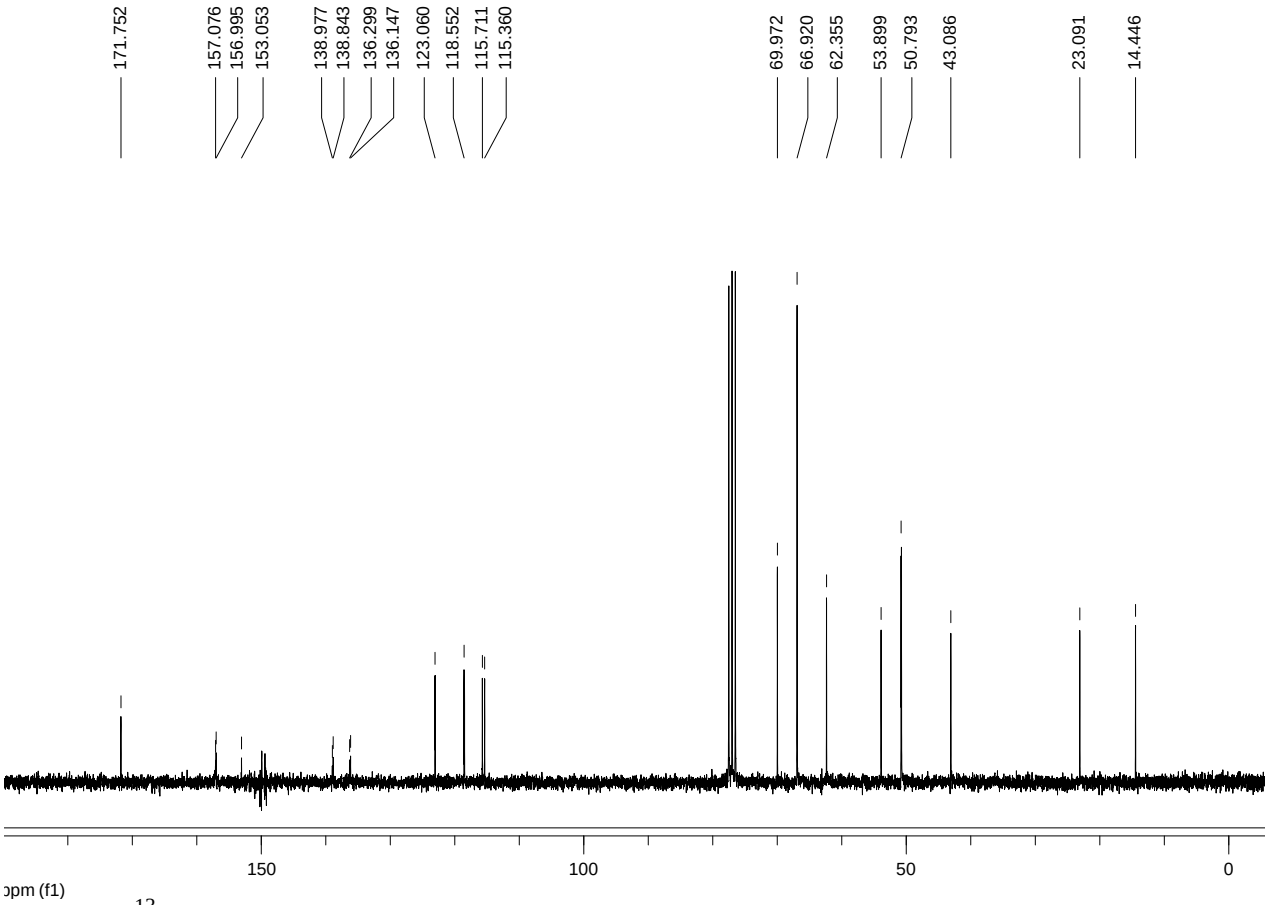

Figure 9. ^{13}C NMR (62.5 MHz, $CDCl_3$) spectrum of compound **9**.

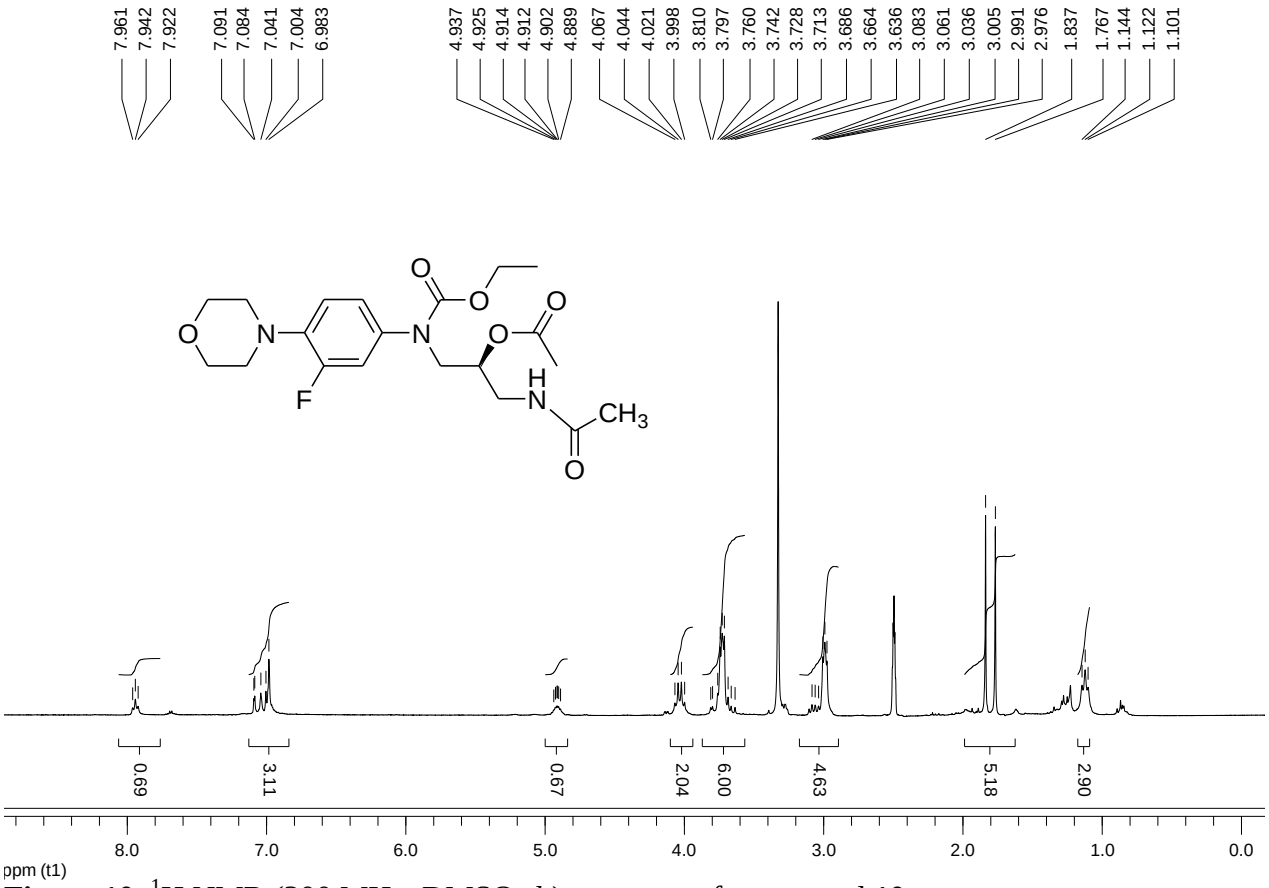

Figure 10. ^{1}H NMR (300 MHz, DMSO-d_6) spectrum of compound **10.**

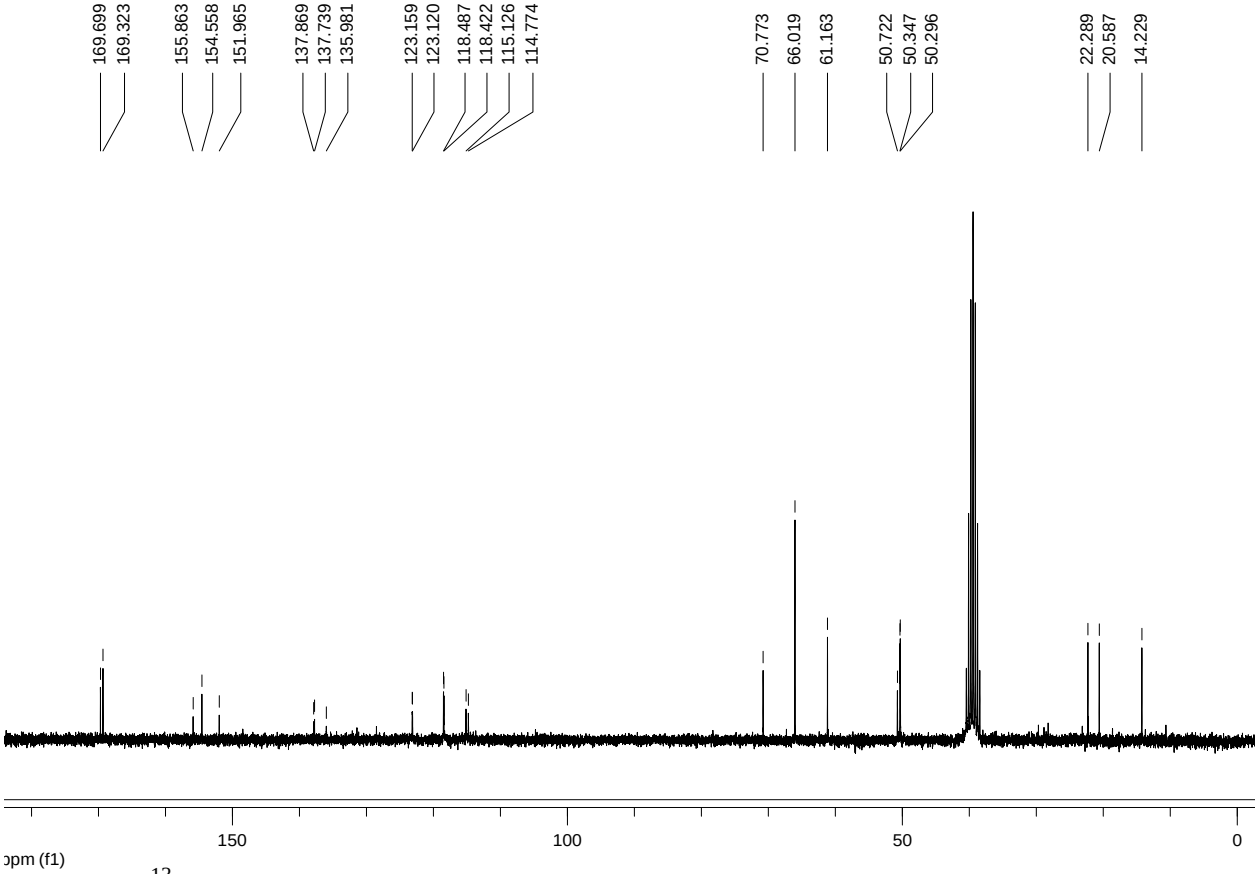

Figure 11. ^{13}C NMR (62.5 MHz, DMSO-d_6) spectrum of compound **10**

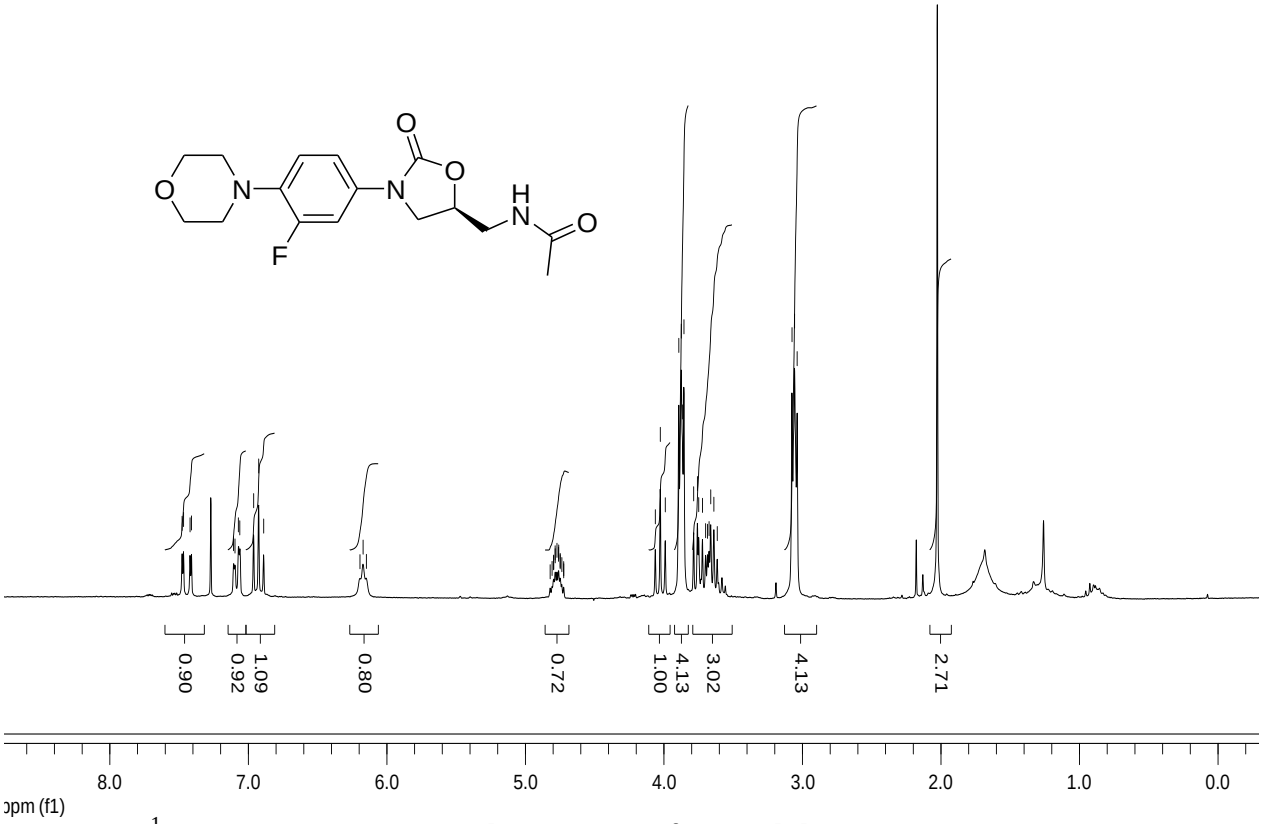

Figure 12. ^{1}H NMR (300 MHz, $CDCl_3$) spectrum of Linezolid**.**

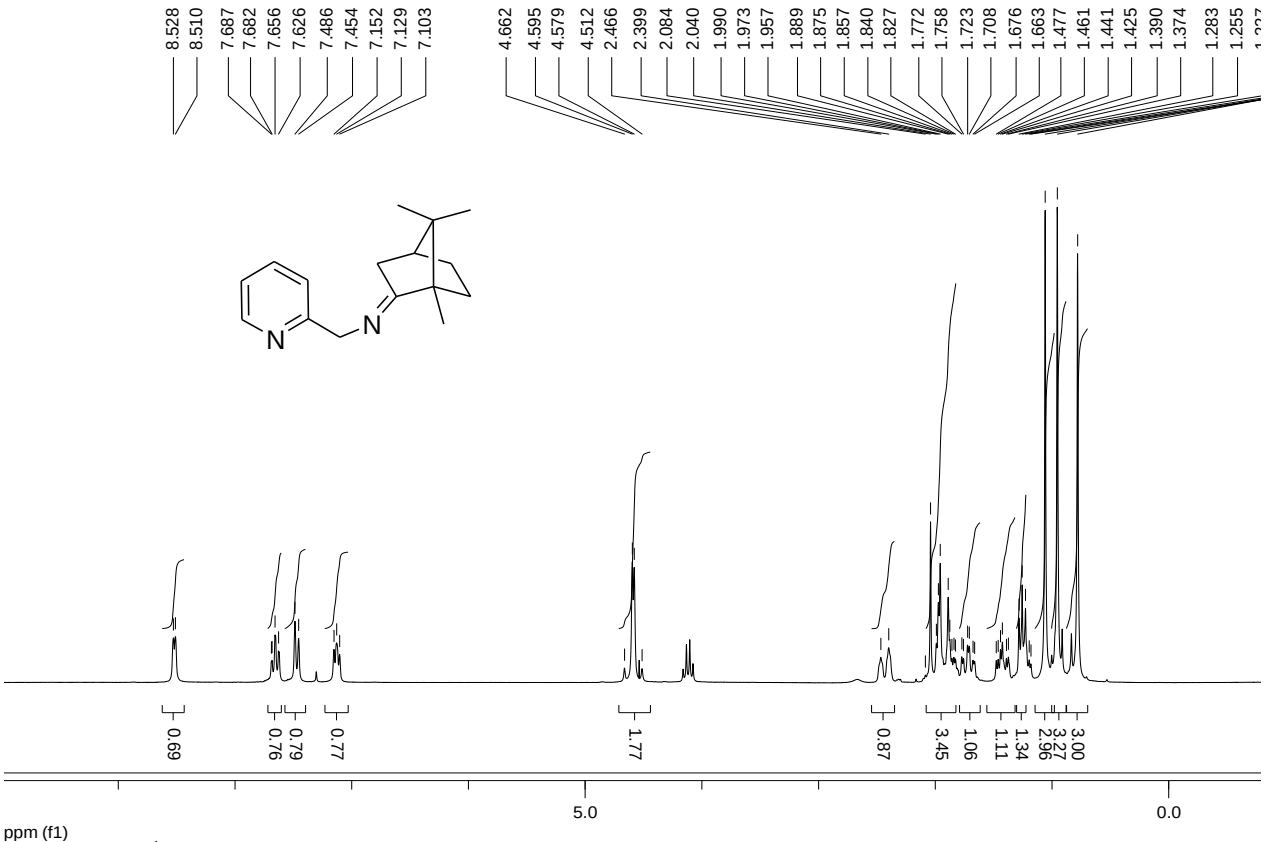

Figure 13. ^{1}H NMR (300 MHz, $CDCl_3$) spectrum of Ligand **7b.**

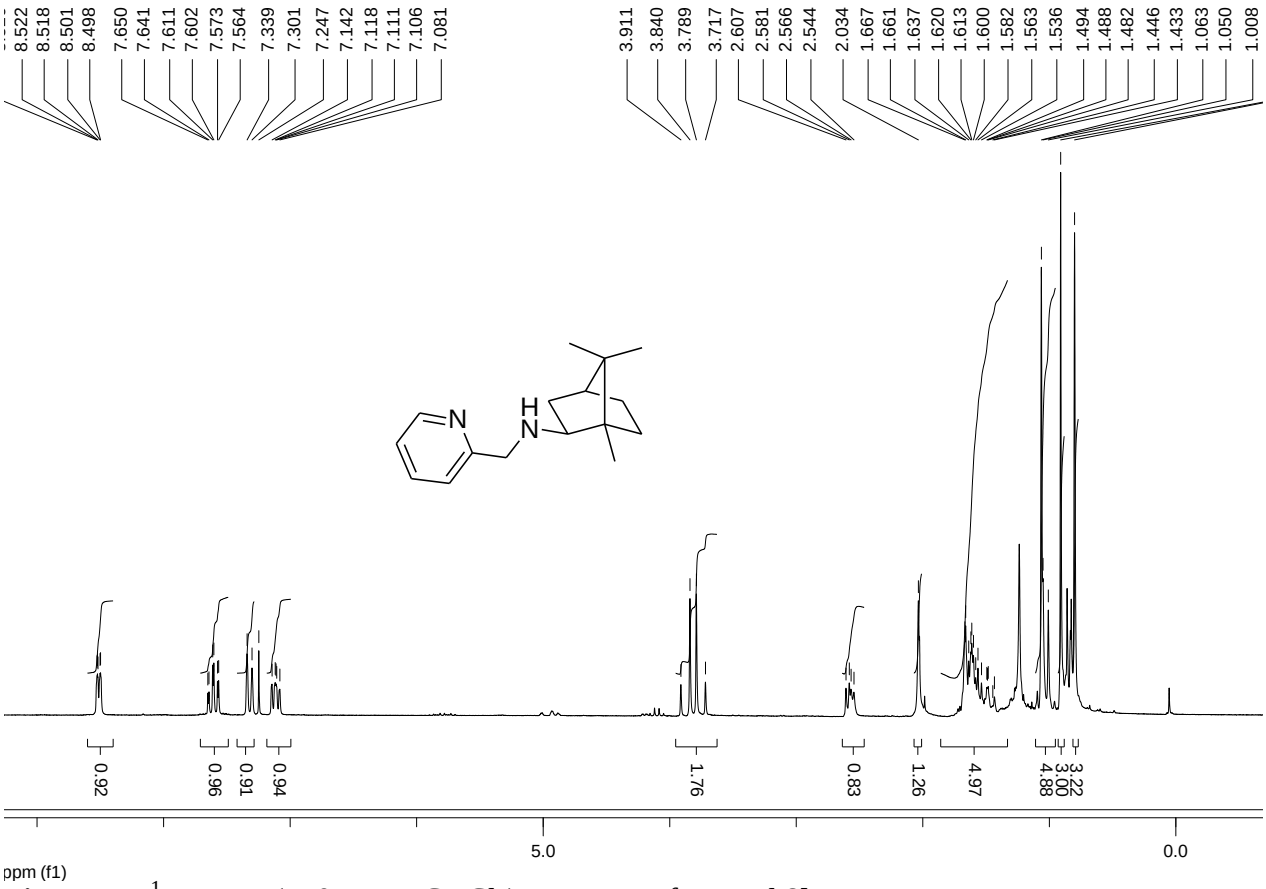

Figure 14. ^{1}H NMR (250 MHz, $CDCl_3$) spectrum of Ligand **8b.**