

Supplementary Materials:

Alicyclic β - and γ -amino acids: useful scaffolds for the stereocontrolled access to amino acid-based carbocyclic nucleoside analogues

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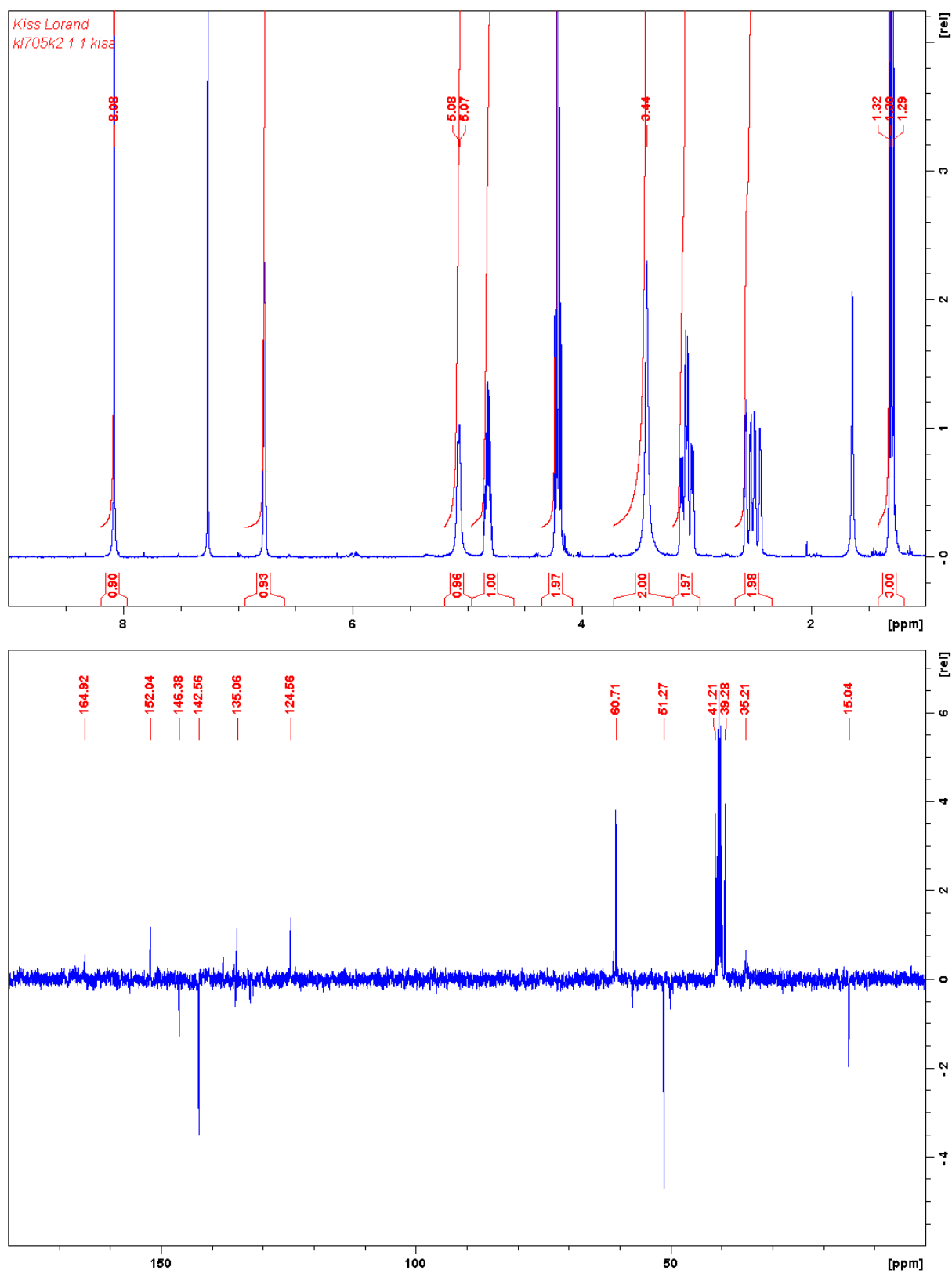
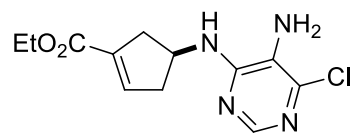


Figure 1. ¹H-NMR and ¹³C-NMR spectra of compound (±)-16

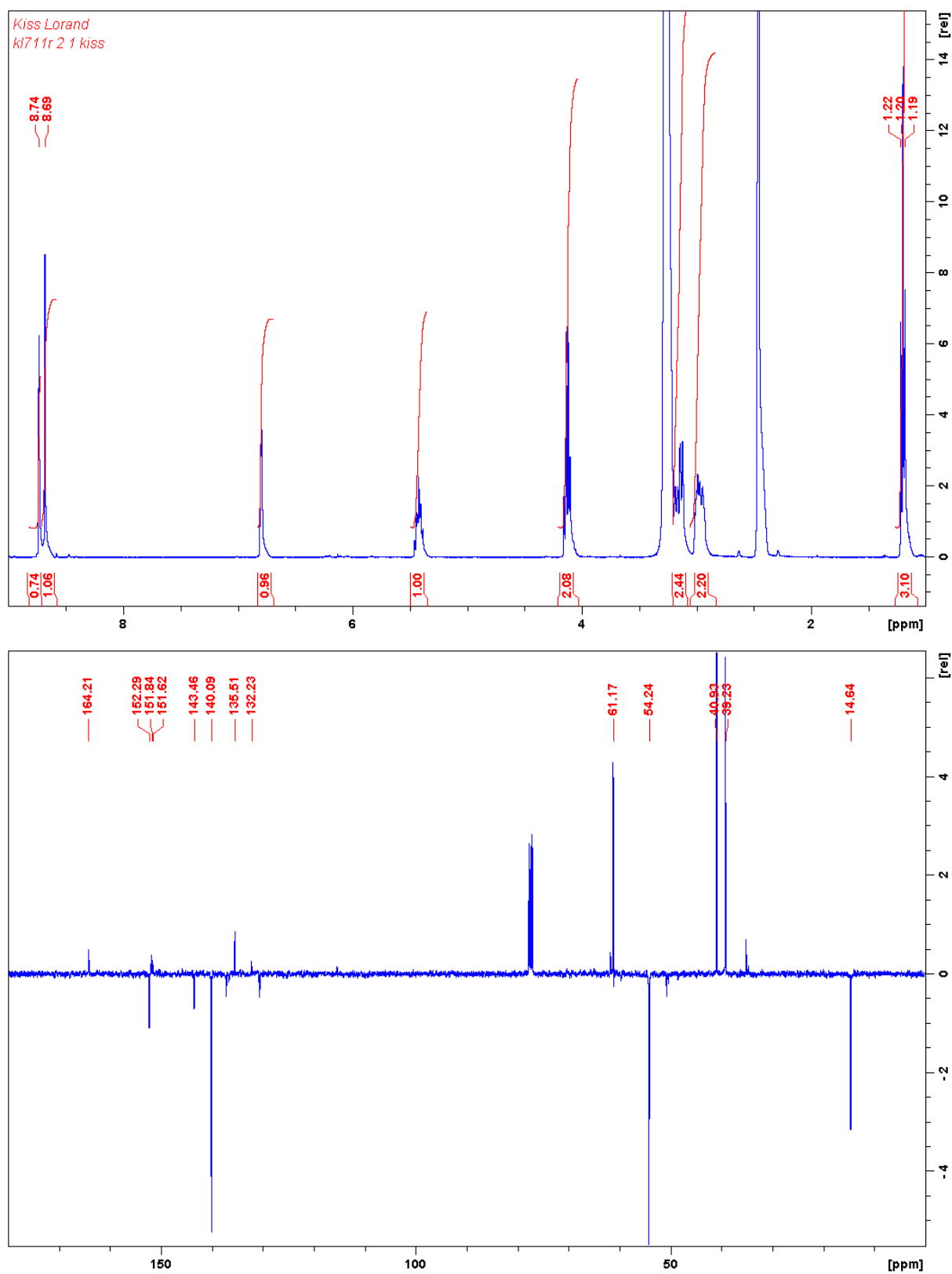
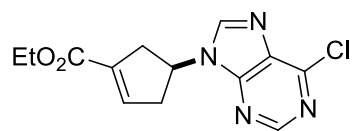


Figure 2. ^1H -NMR and ^{13}C -NMR spectra of compound (\pm)-17

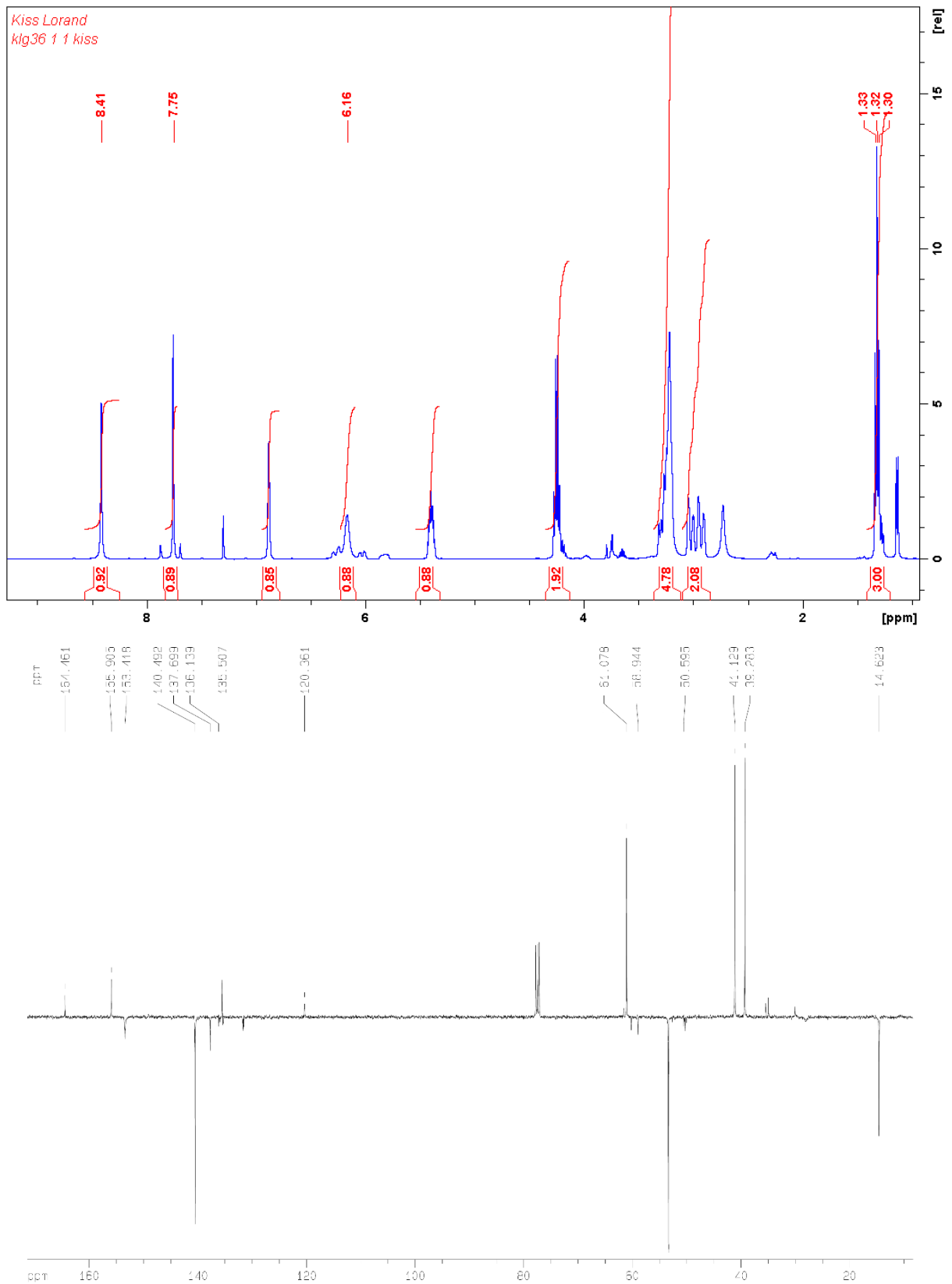
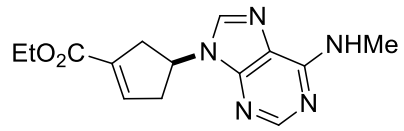


Figure 3. ¹H-NMR and ¹³C-NMR spectra of compound (±)-18

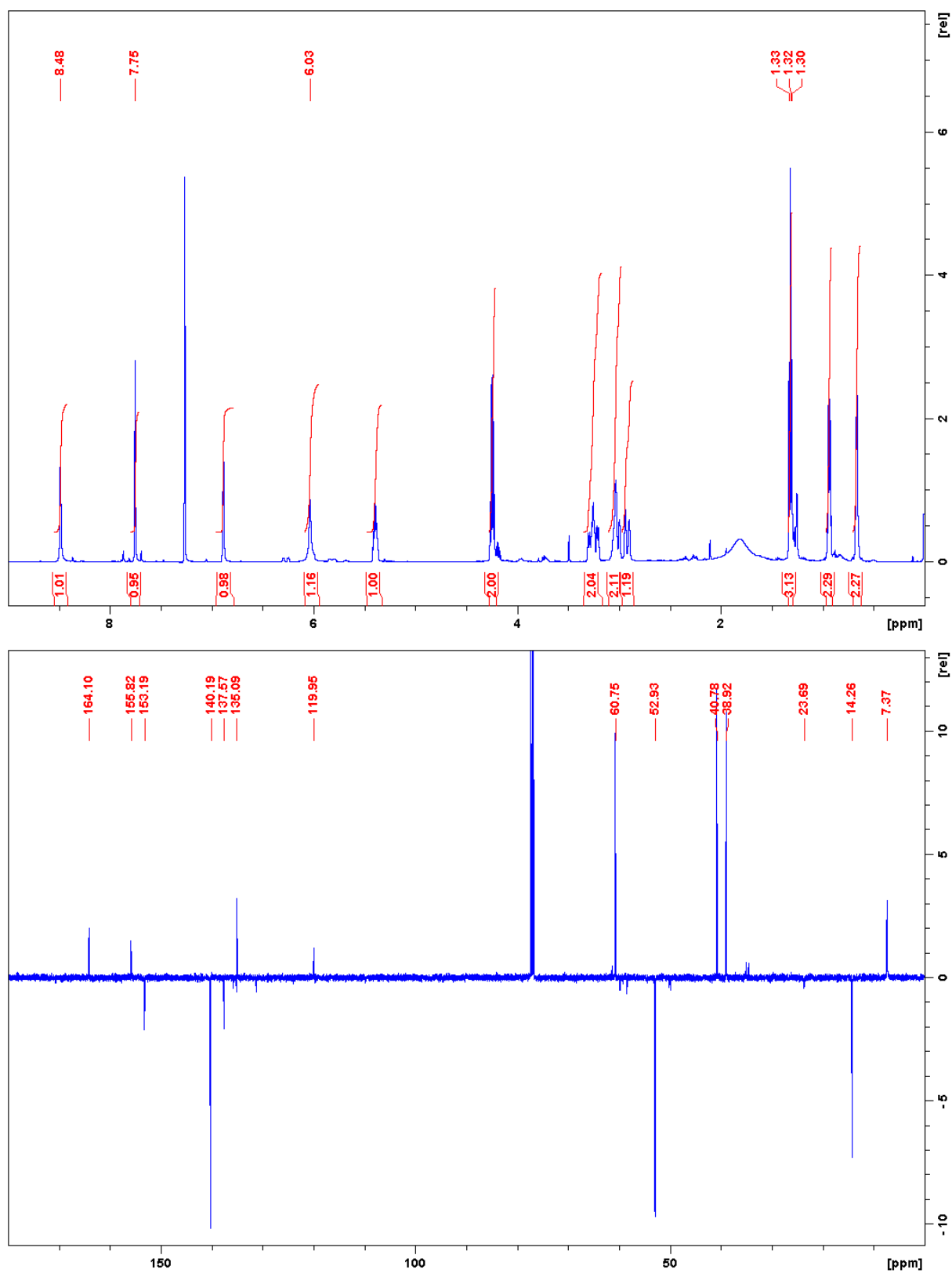
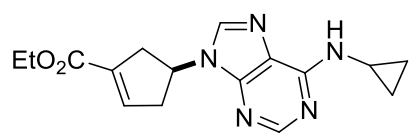


Figure 4. ¹H-NMR and ¹³C-NMR spectra of compound (±)-19

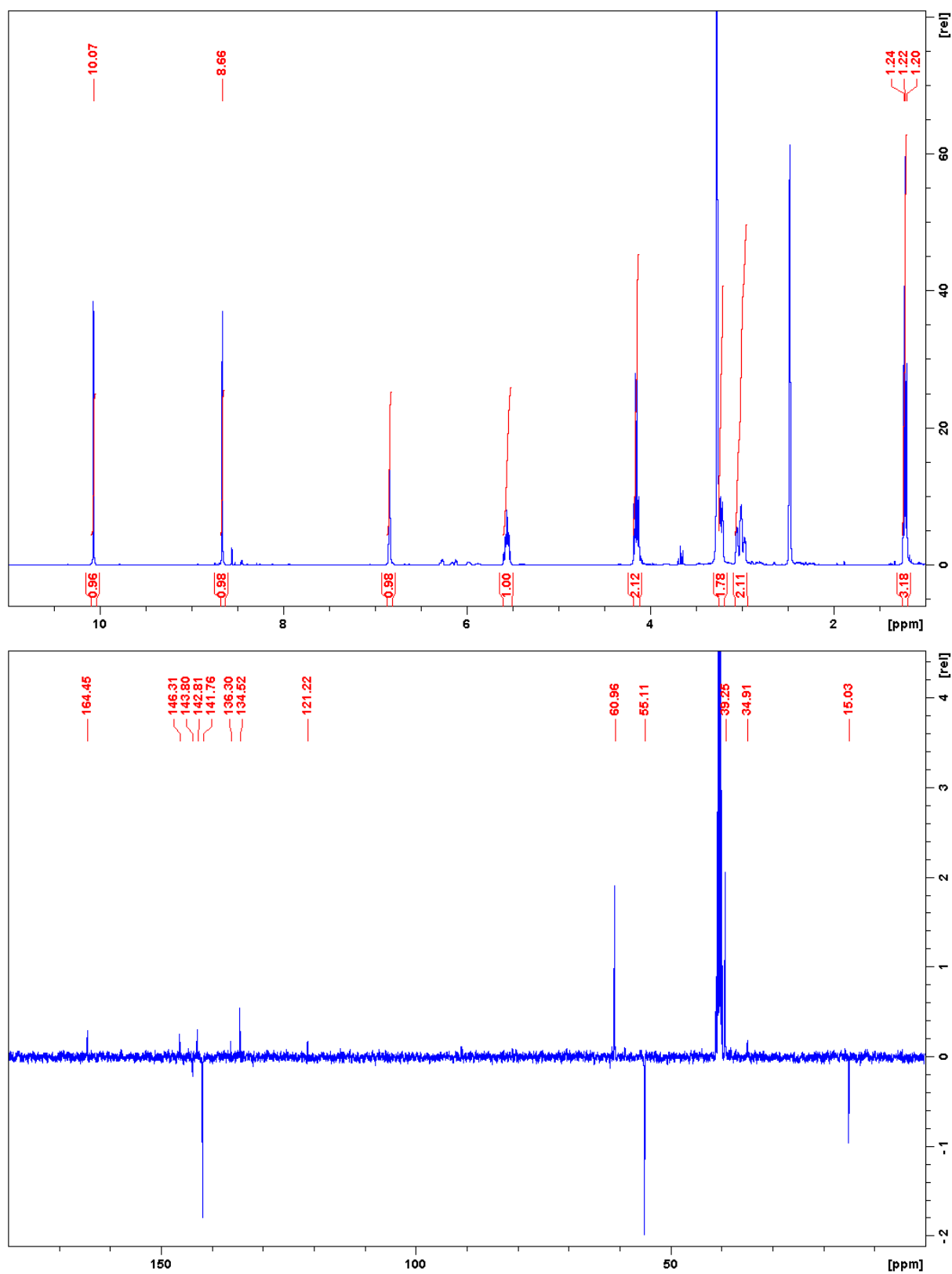
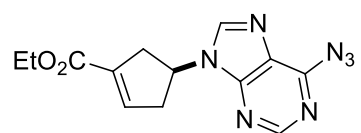


Figure 5. ¹H-NMR and ¹³C-NMR spectra of compound (±)-20

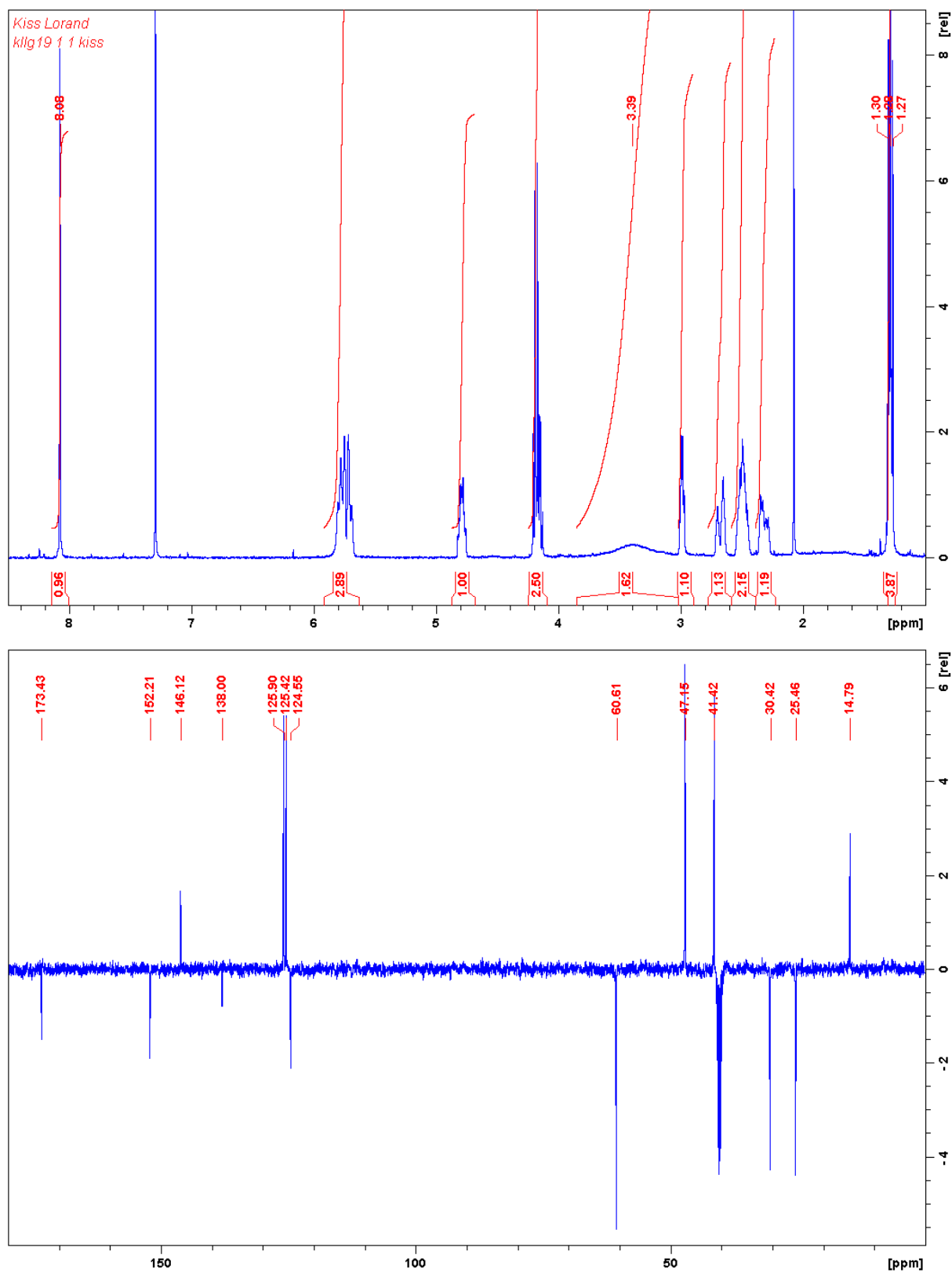
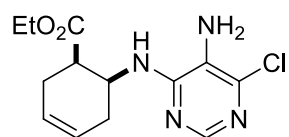


Figure 6. ¹H-NMR and ¹³C-NMR spectra of compound (±)-23

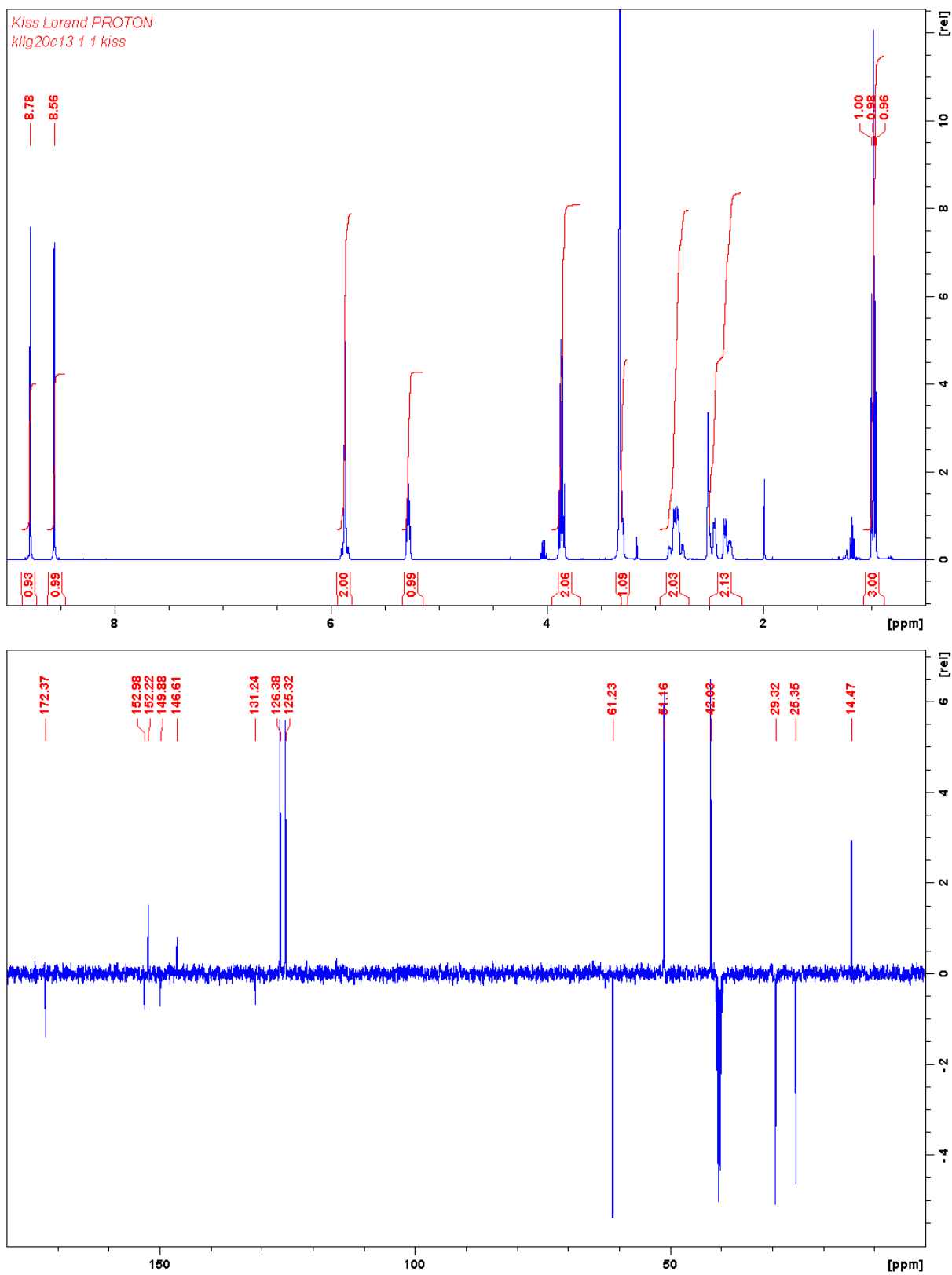
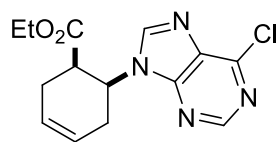


Figure 7. ¹H-NMR and ¹³C-NMR spectra of compound (±)-24

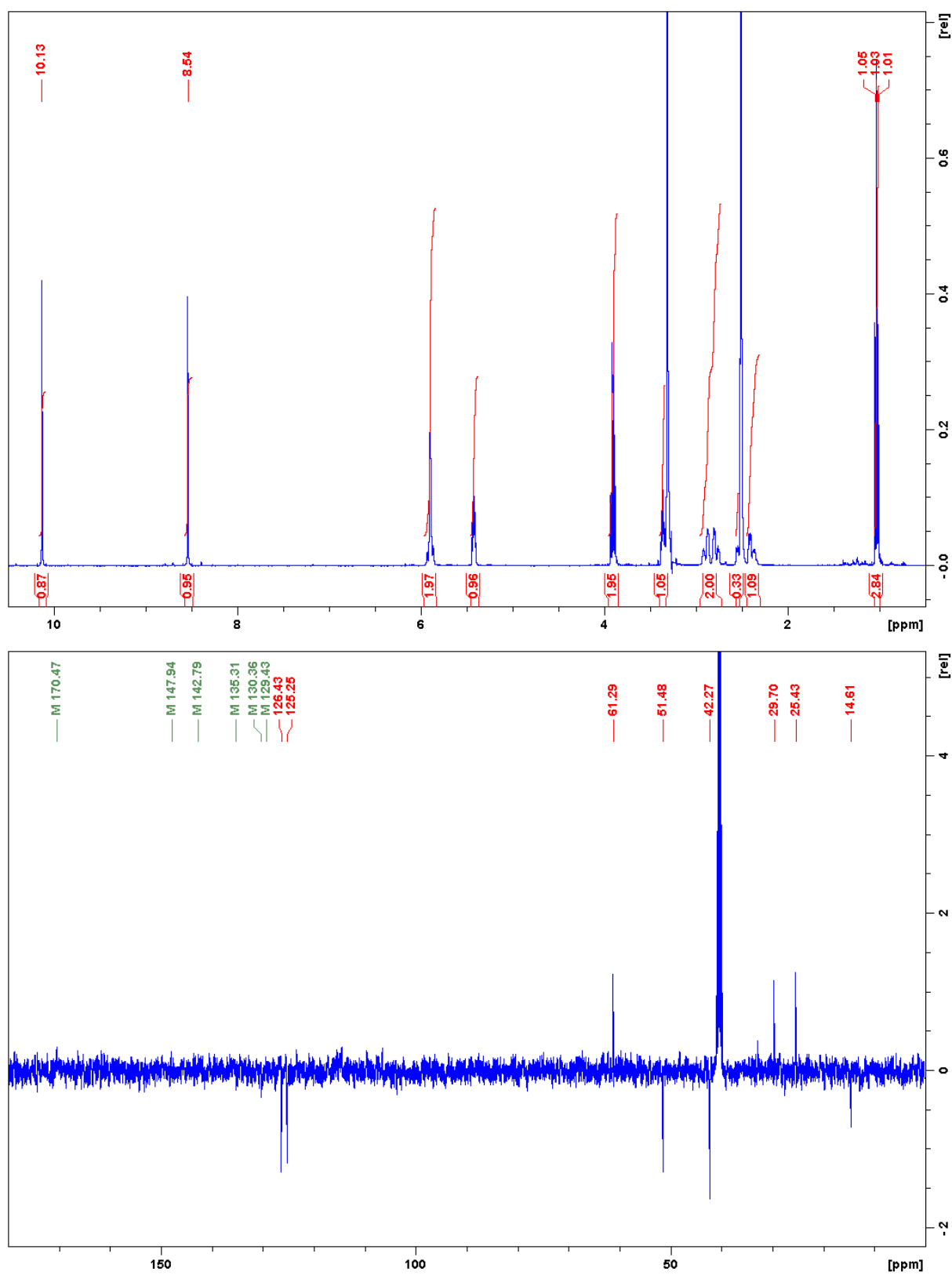
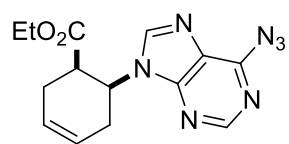


Figure 8. ¹H-NMR and ¹³C-NMR spectra of compound (±)-25

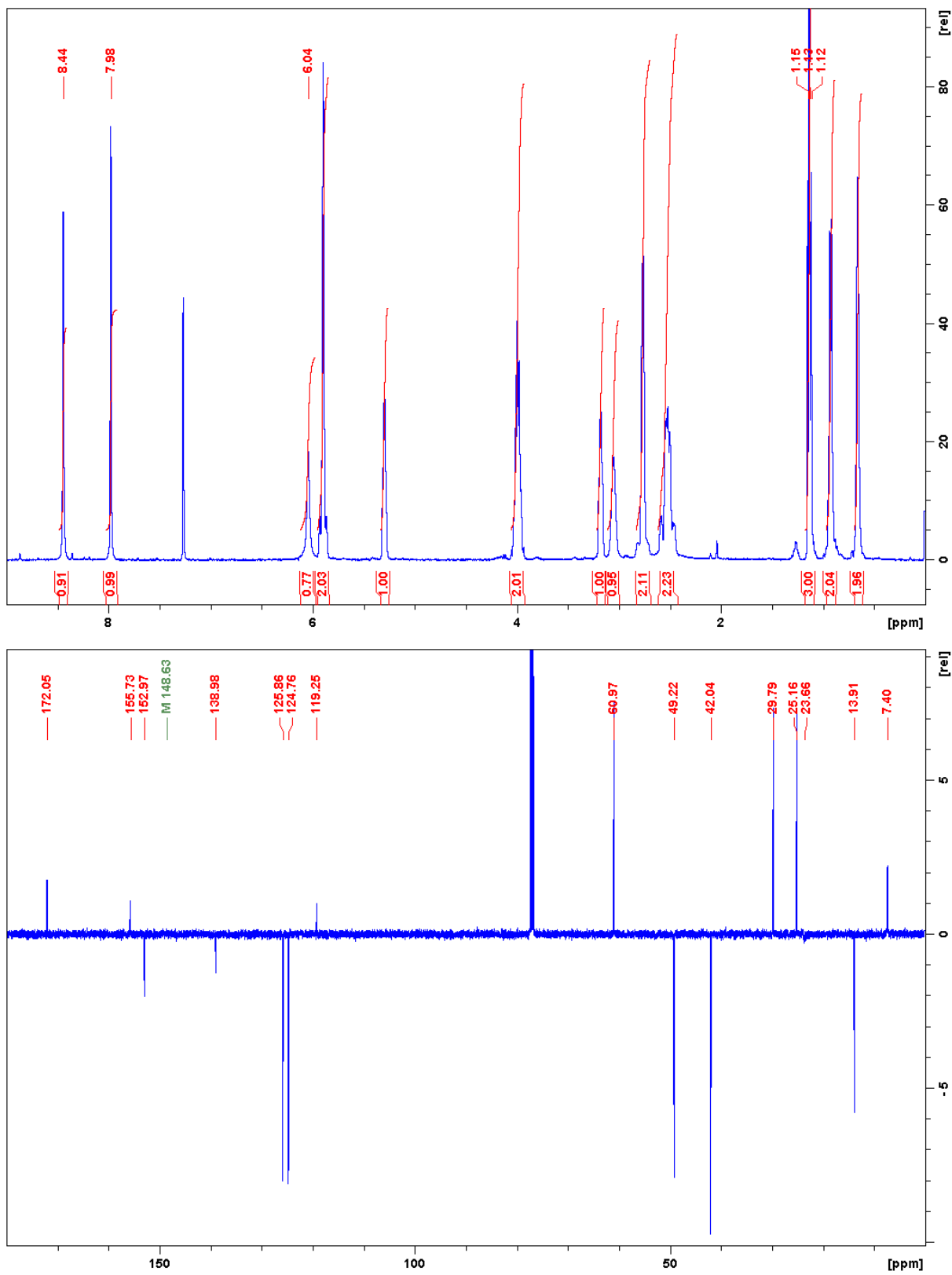
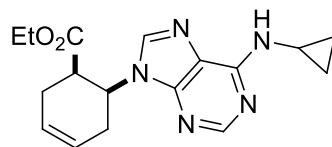


Figure 9. ¹H-NMR and ¹³C-NMR spectra of compound (±)-26

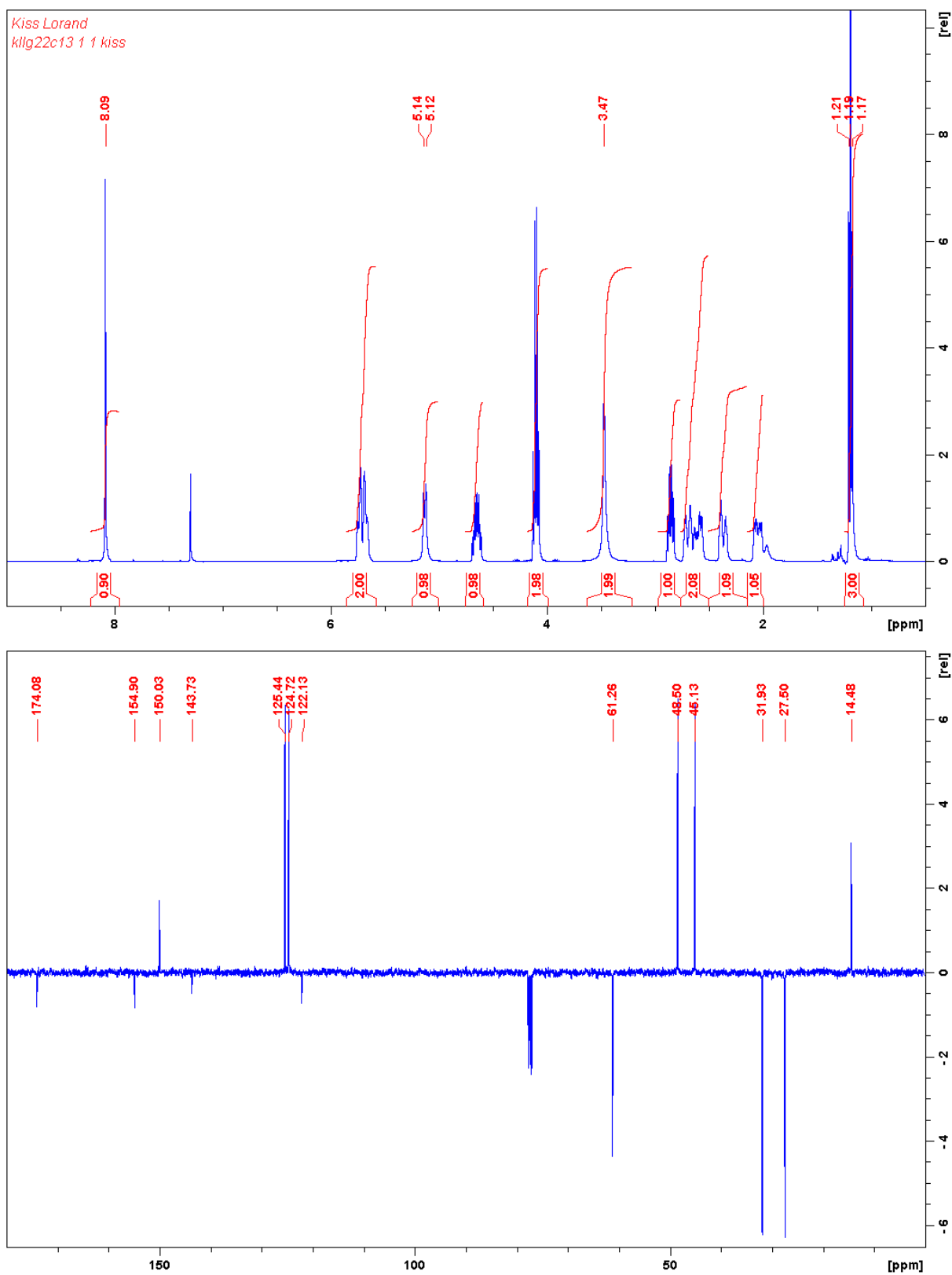
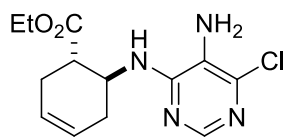


Figure 10. ¹H-NMR and ¹³C-NMR spectra of compound (±)-29

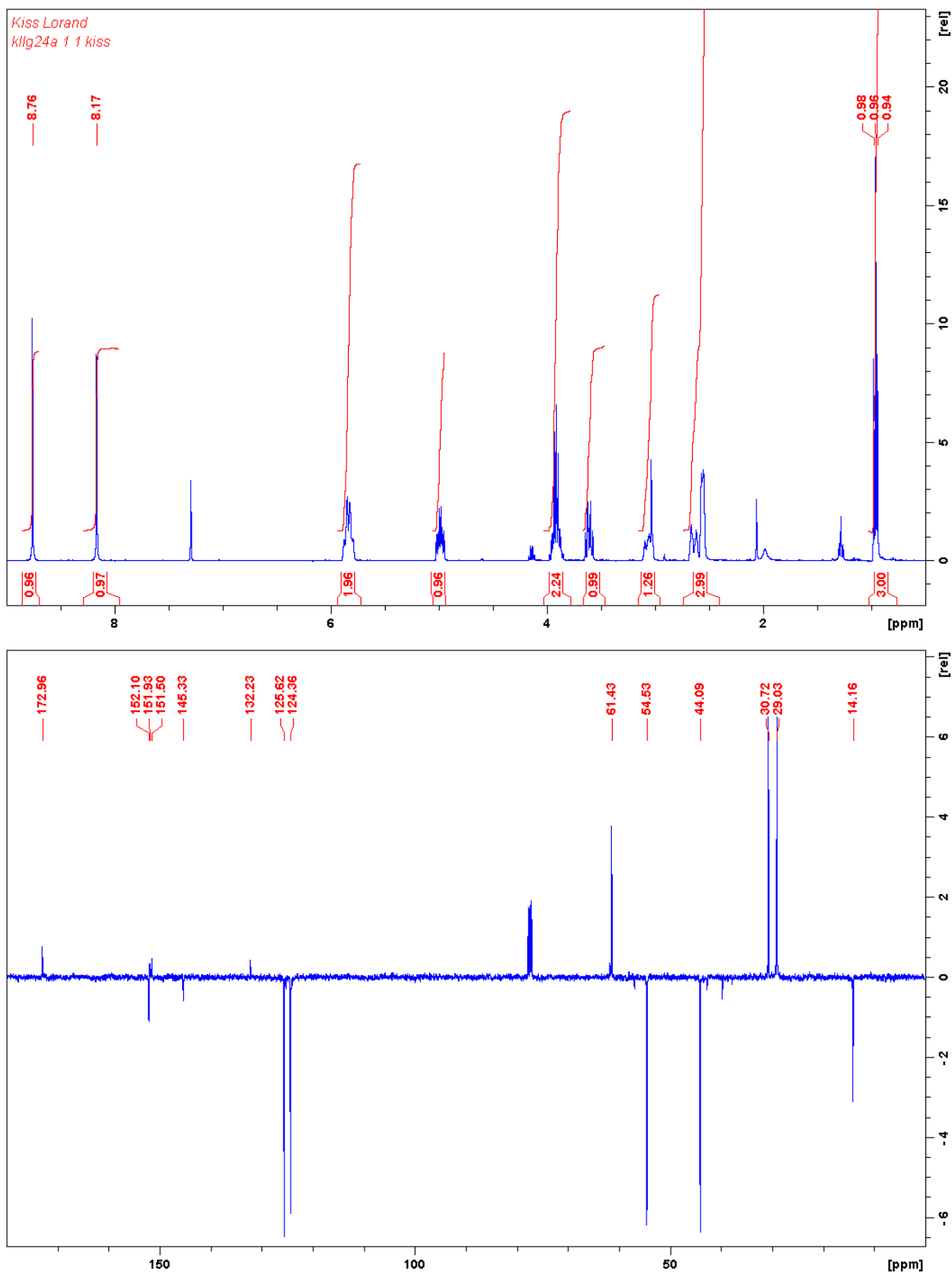
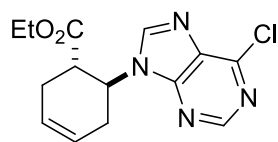


Figure 11. ¹H-NMR and ¹³C-NMR spectra of compound (±)-30

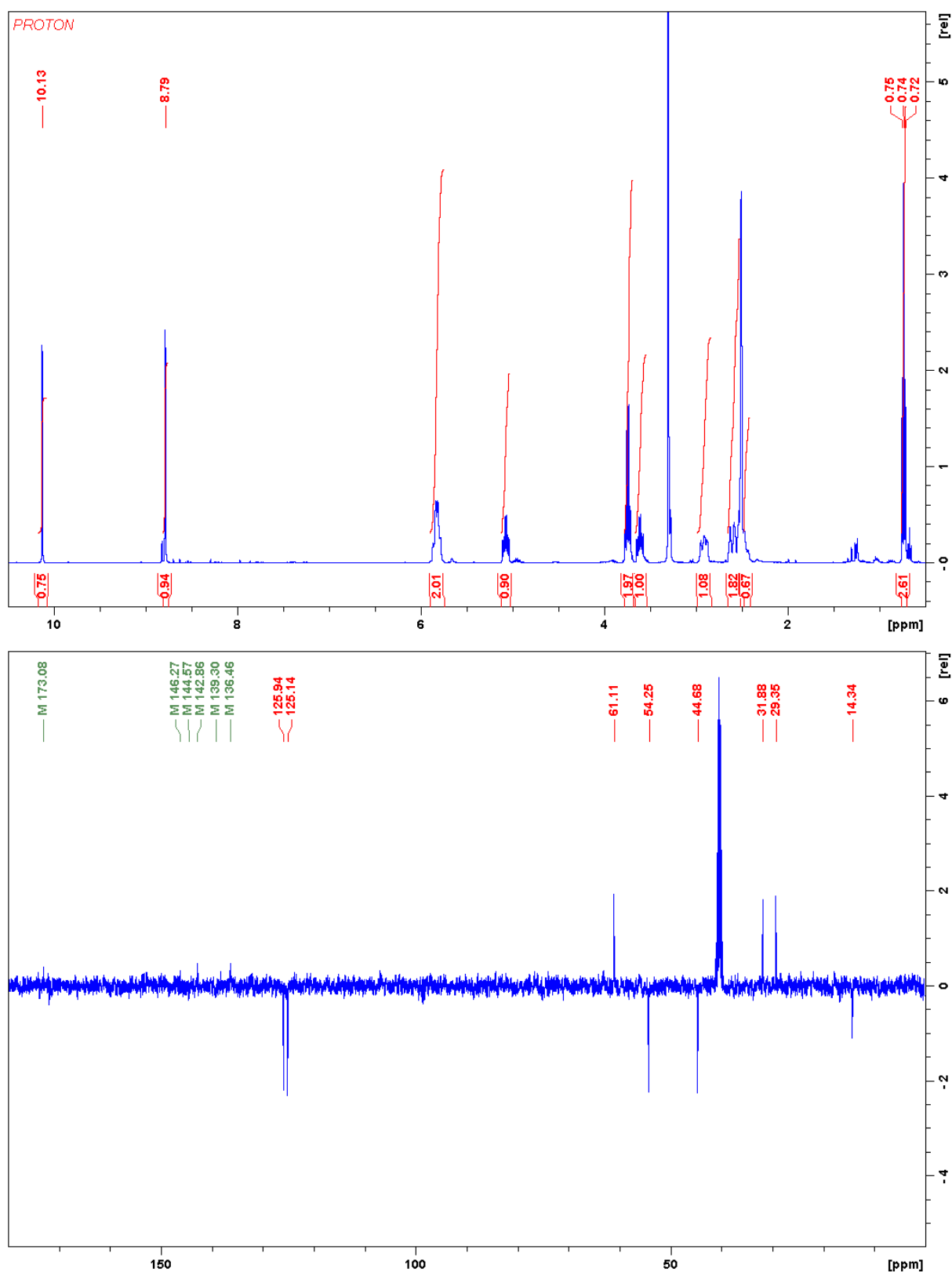
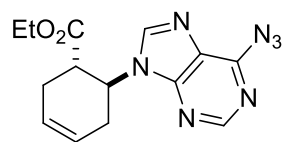


Figure 12. ¹H-NMR and ¹³C-NMR spectra of compound (±)-31

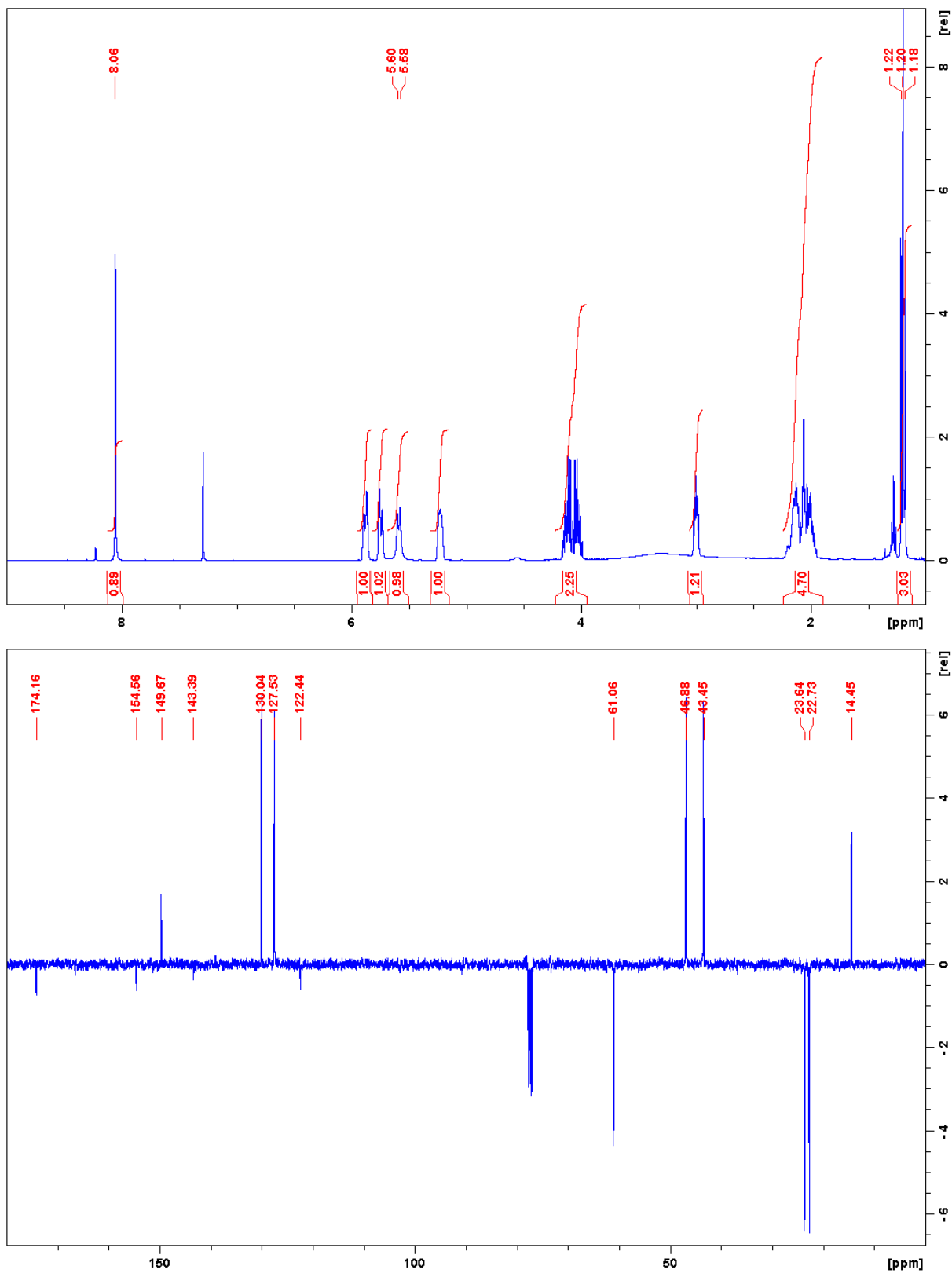
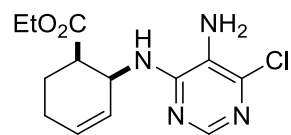


Figure 13. ¹H-NMR and ¹³C-NMR spectra of compound (±)-34

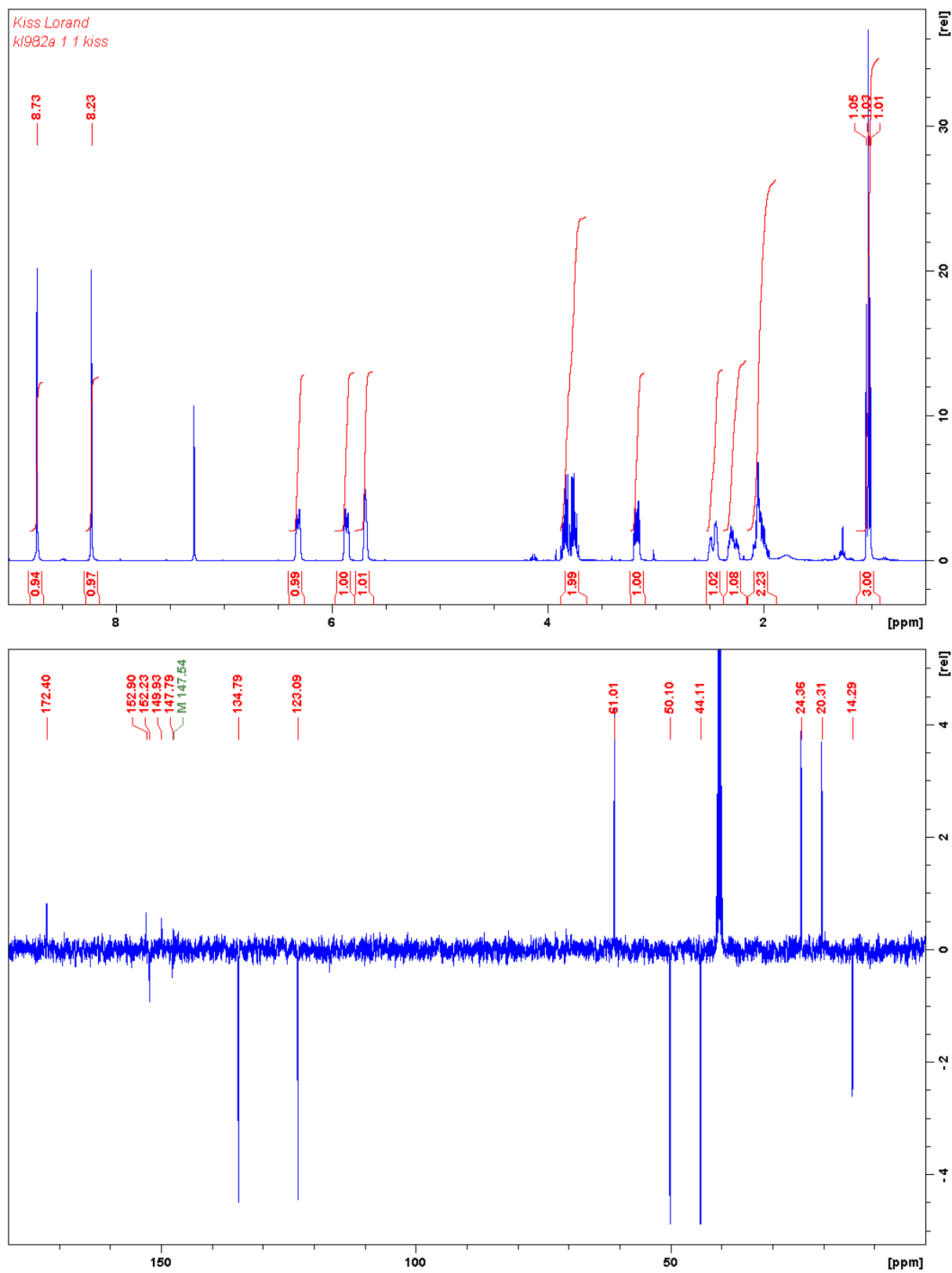
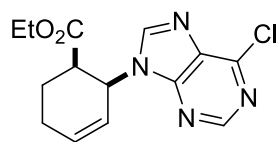


Figure 14. ¹H-NMR and ¹³C-NMR spectra of compound (±)-35

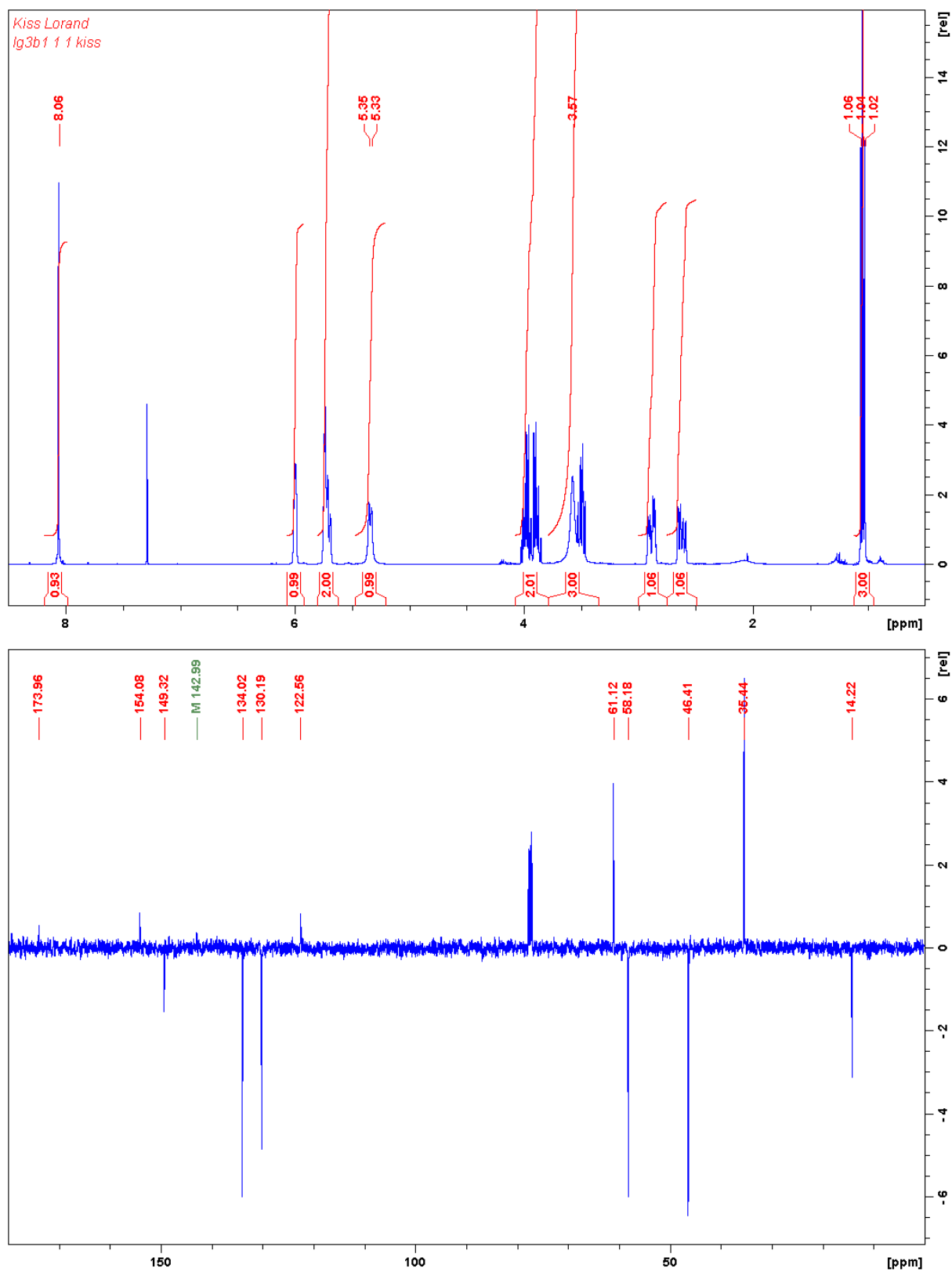
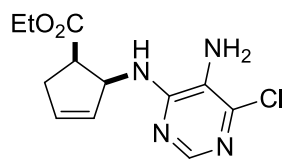


Figure 15. ¹H-NMR and ¹³C-NMR spectra of compound (±)-38

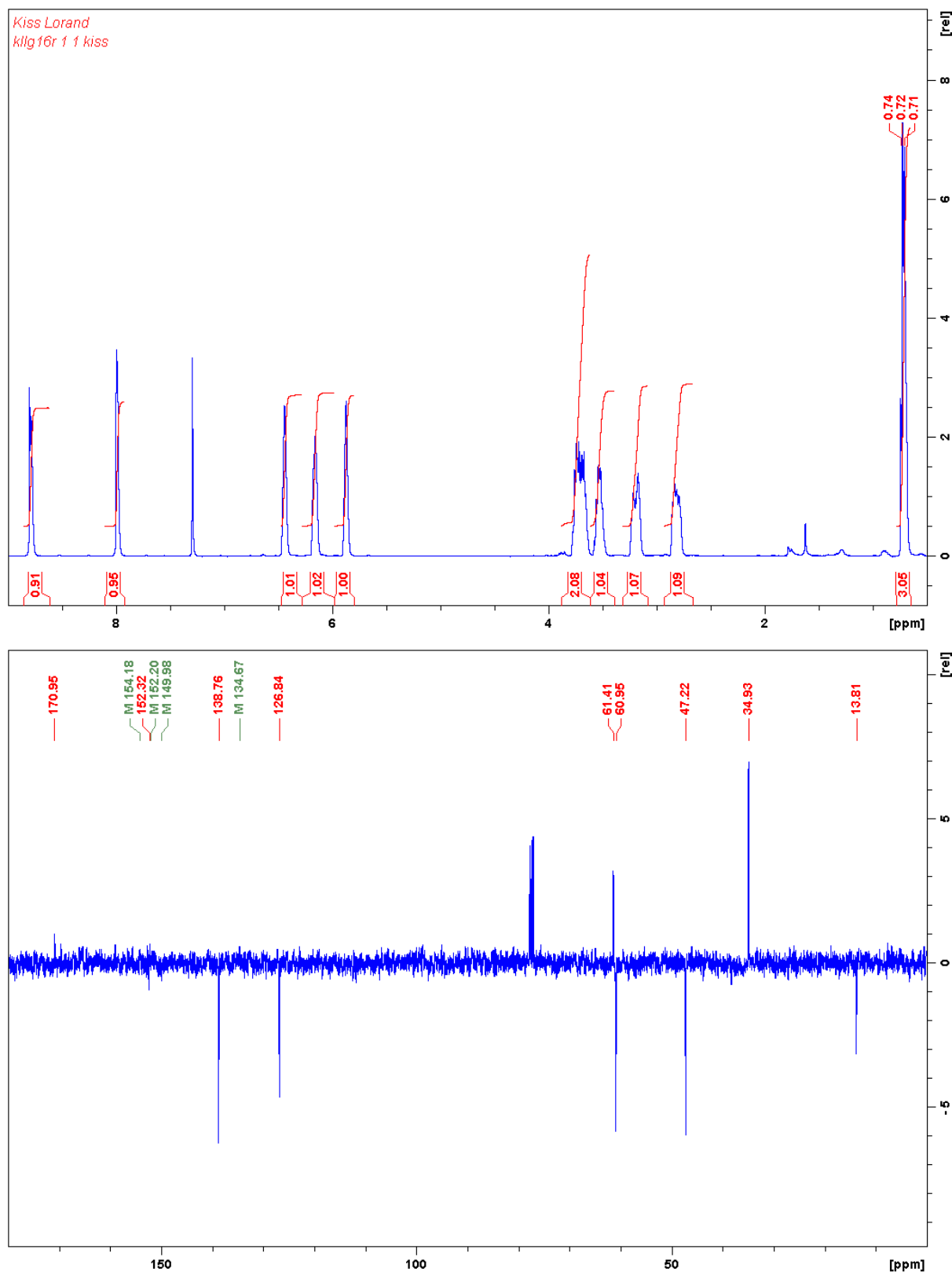
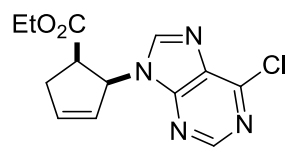


Figure 16. ¹H-NMR and ¹³C-NMR spectra of compound (\pm)-39

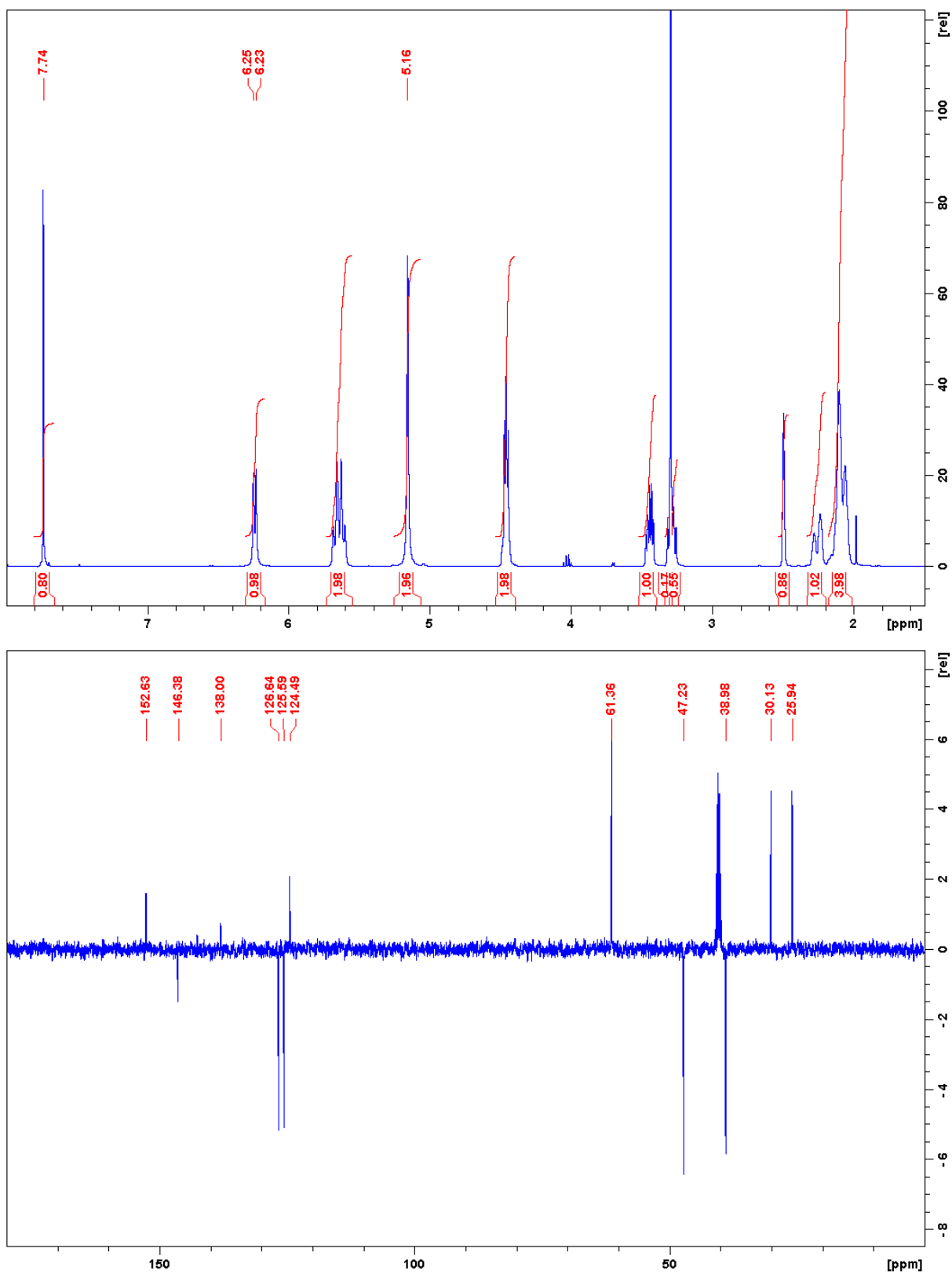
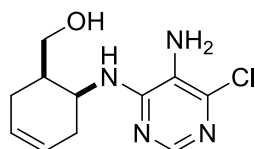


Figure 17. ¹H-NMR and ¹³C-NMR spectra of compound (±)-42

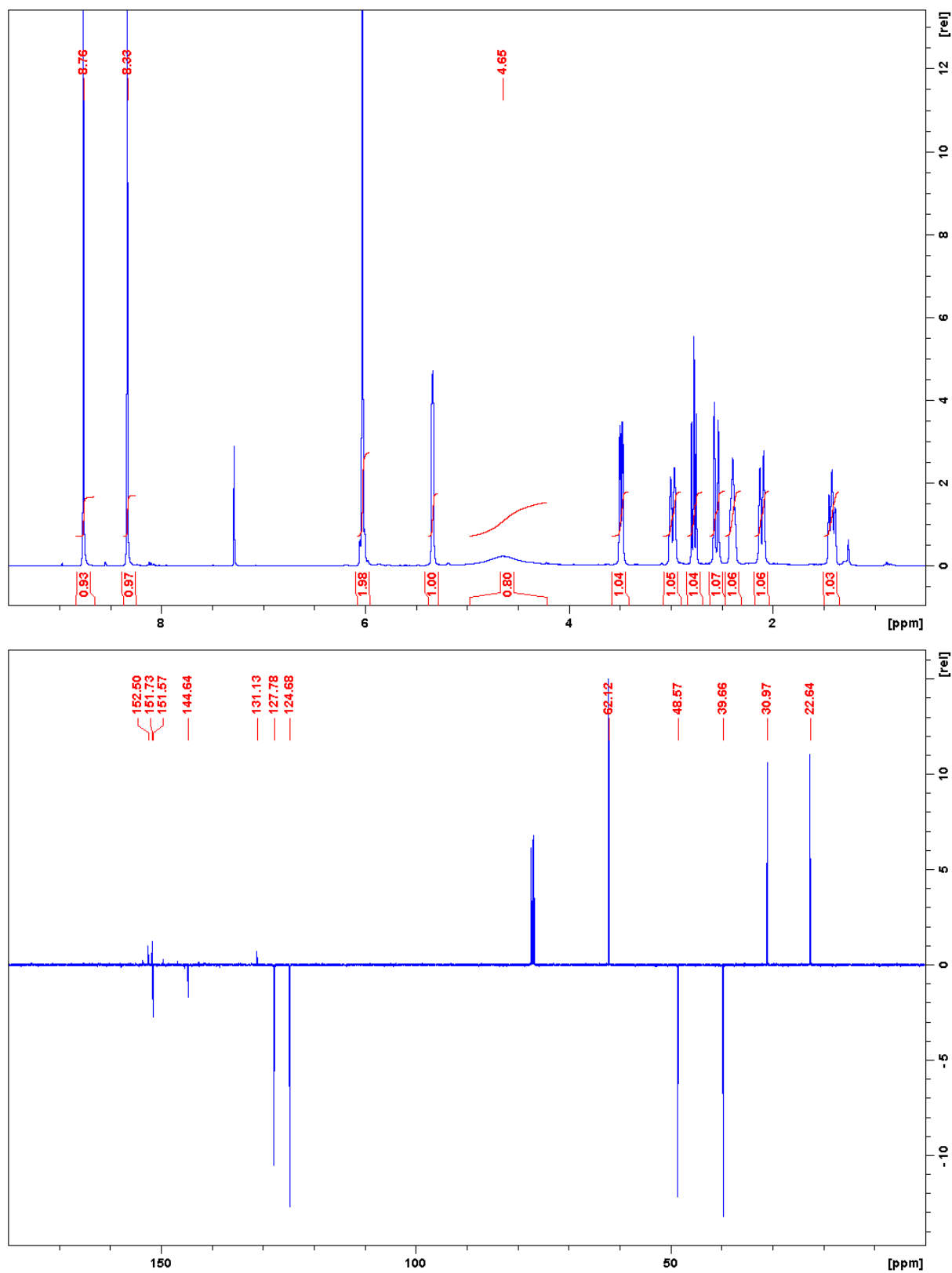
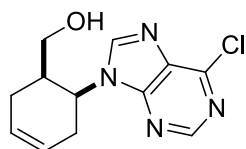


Figure 18. ¹H-NMR and ¹³C-NMR spectra of compound (±)-43

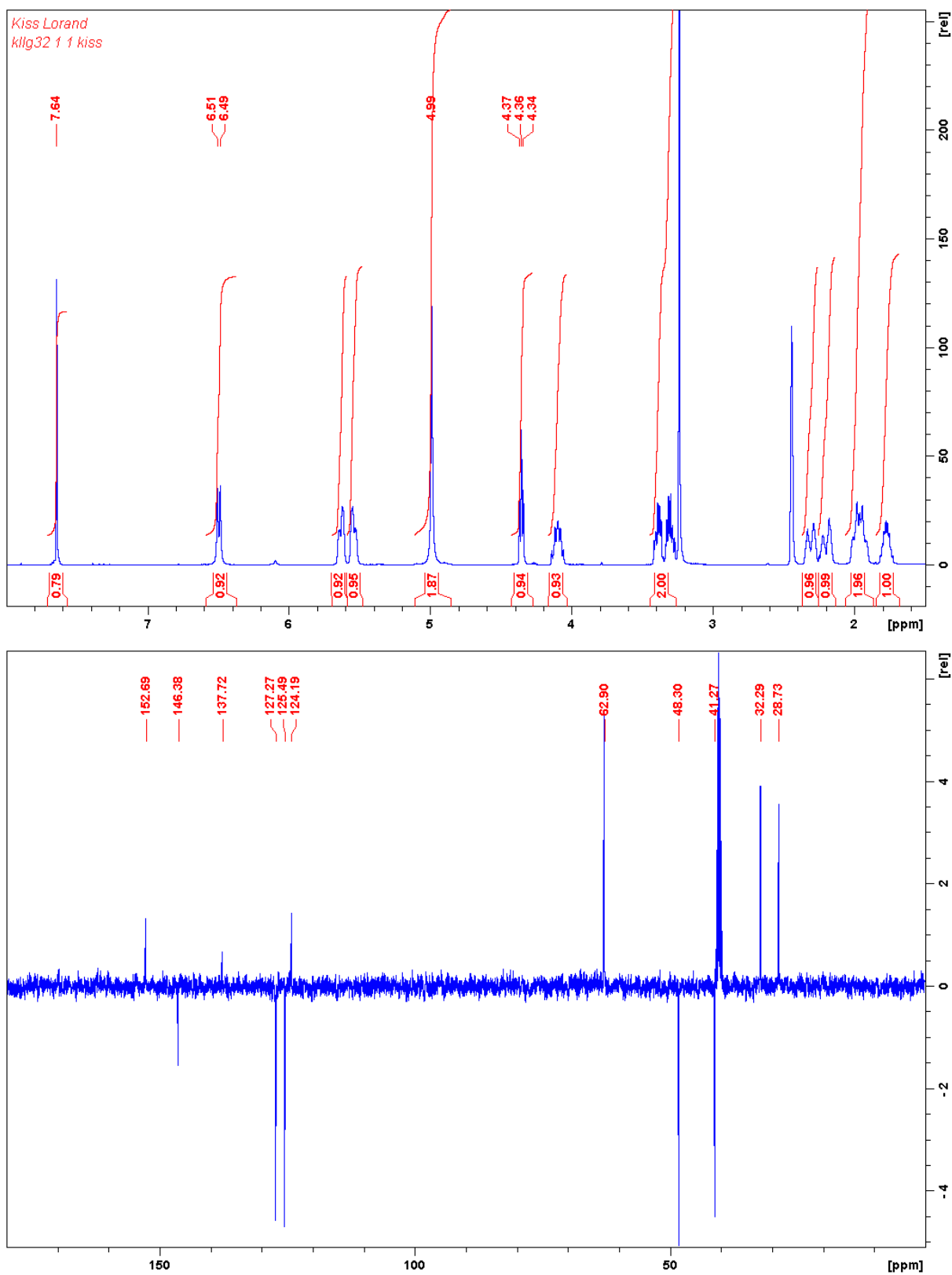
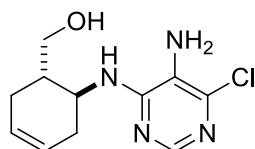


Figure 19. ¹H-NMR and ¹³C-NMR spectra of compound (±)-46

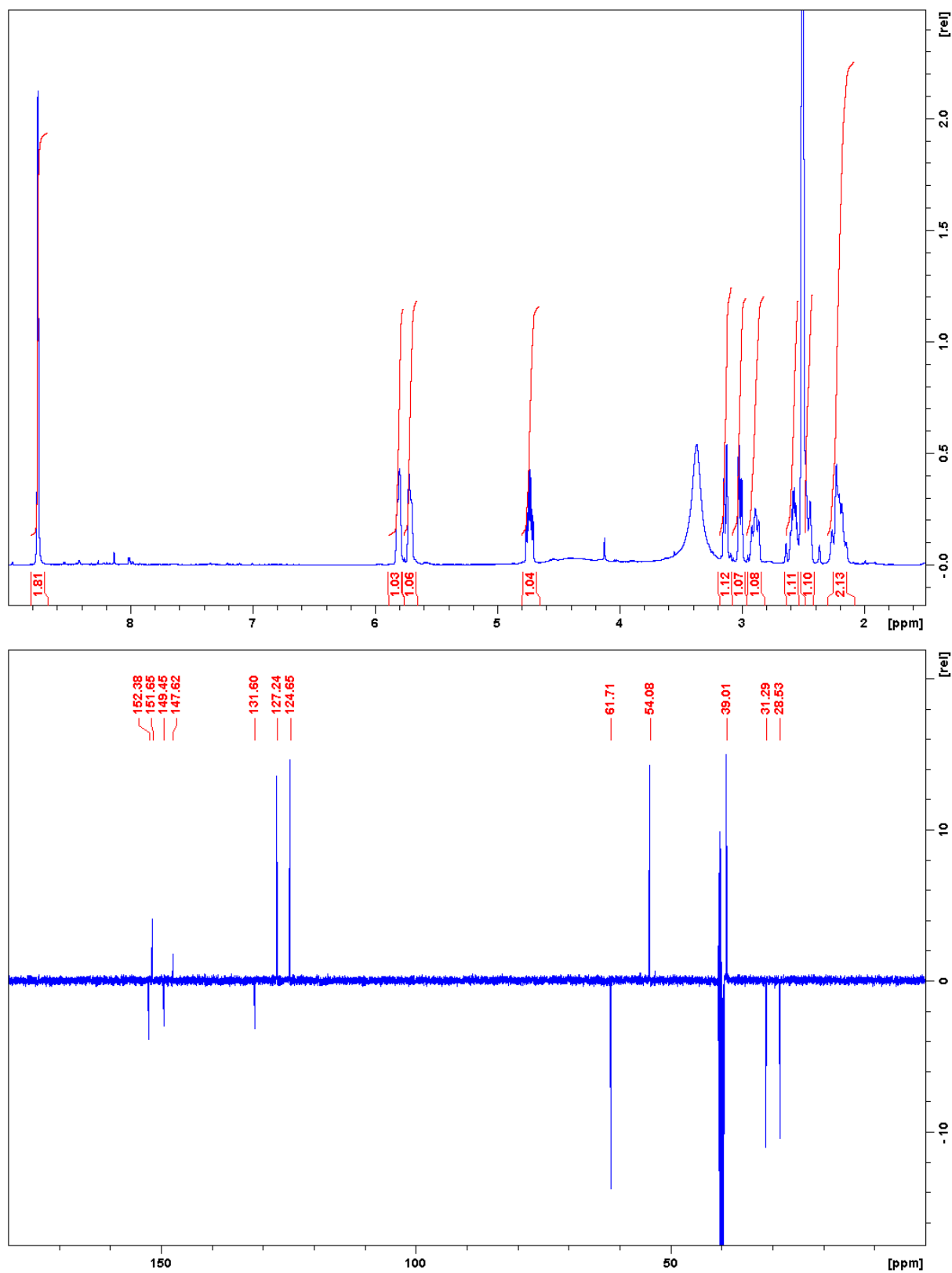
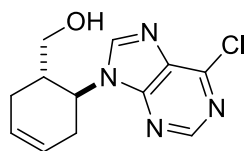


Figure 20. ¹H-NMR and ¹³C-NMR spectra of compound (±)-47