Supplementary Material

for

Rhodium(I) *N*-heterocyclic carbene Complexes: Synthesis and cytotoxic Properties

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Content

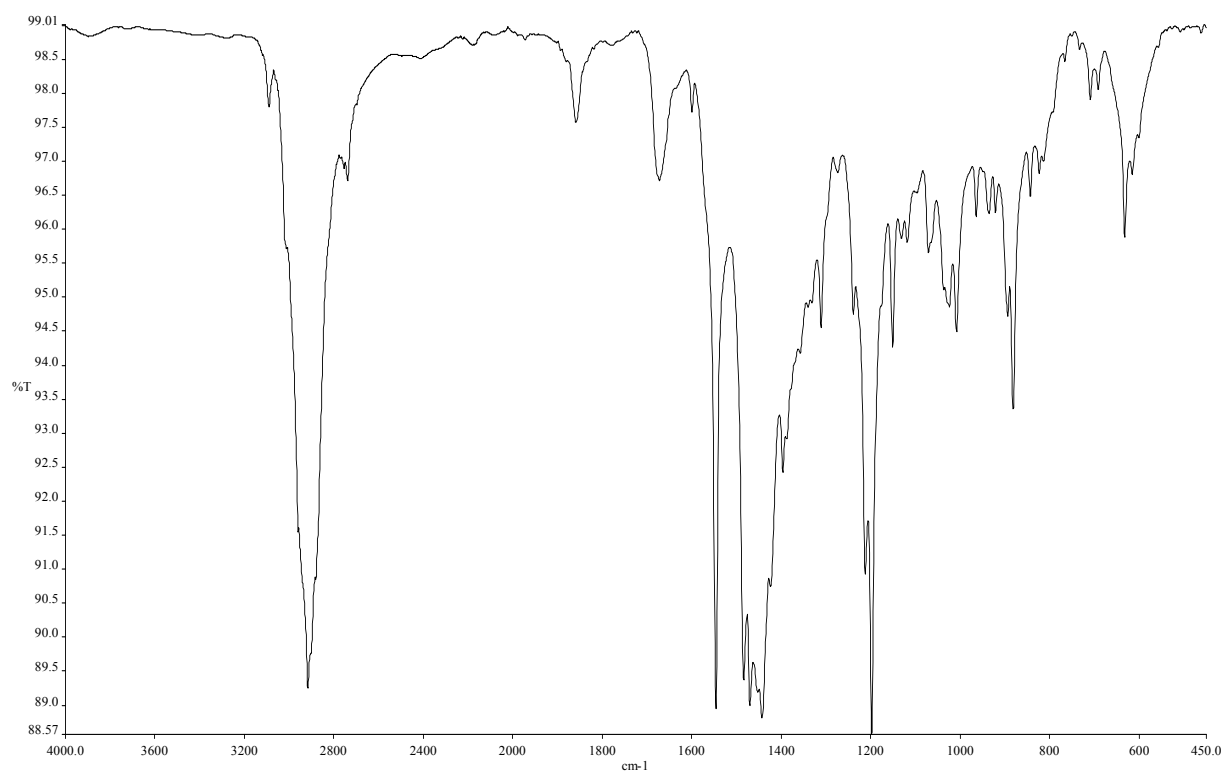**Figure 1**. ^{1}H and ^{13}C{^{1}H} NMR spectrums of **1a**
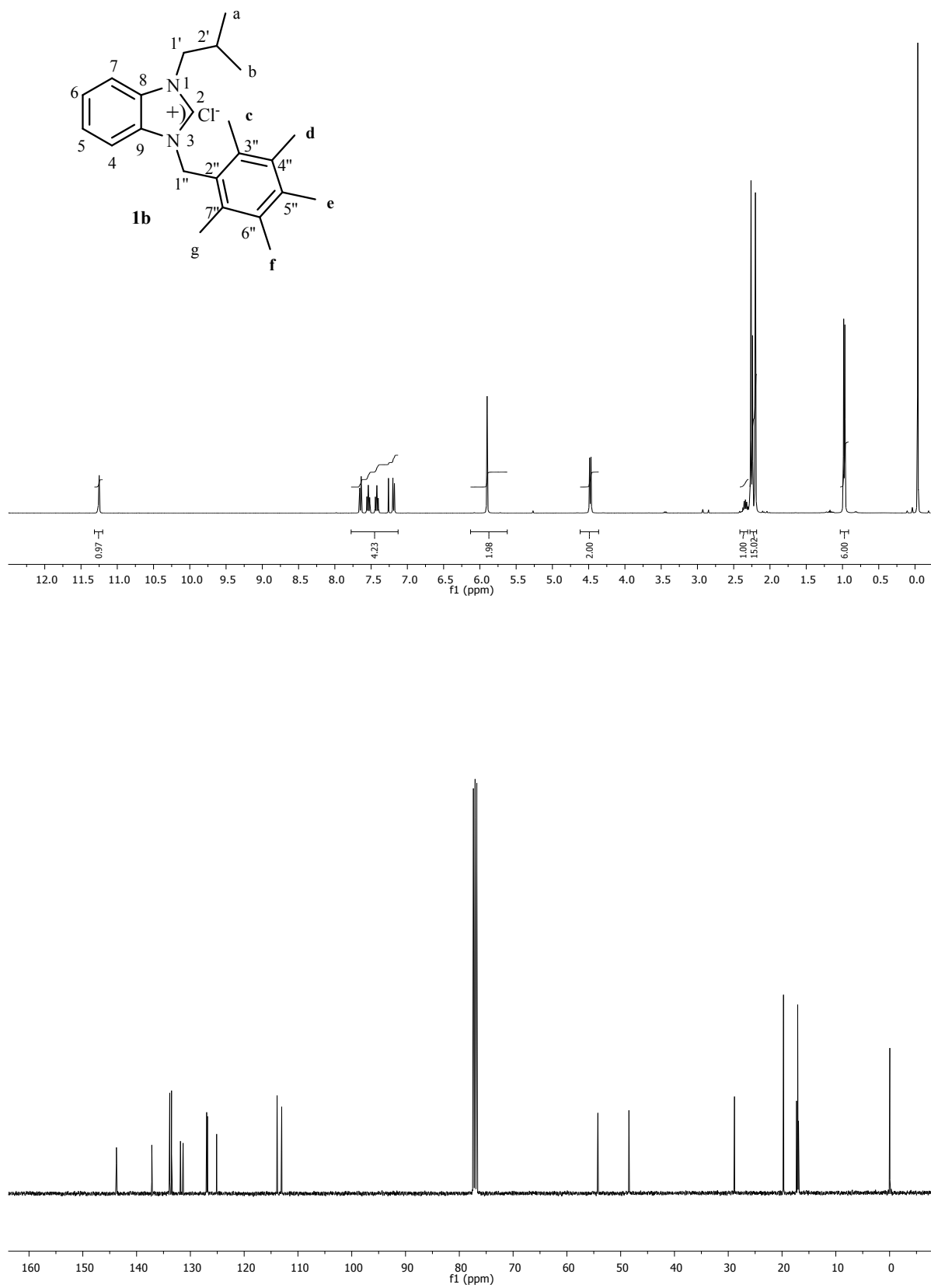
Figure 2. FT-IR spectrum of **1a**

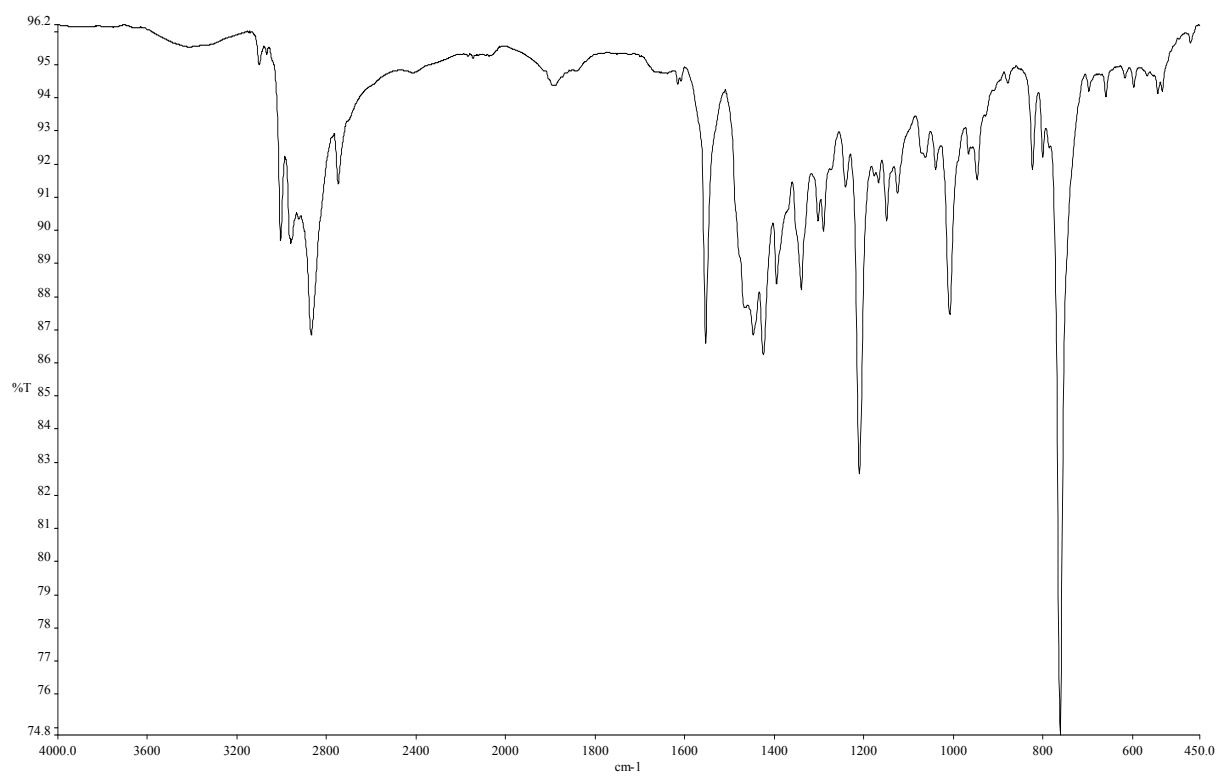**Figure 3**. ^1H and $^{13}C\{^1H\}$ NMR spectrums of **1b**
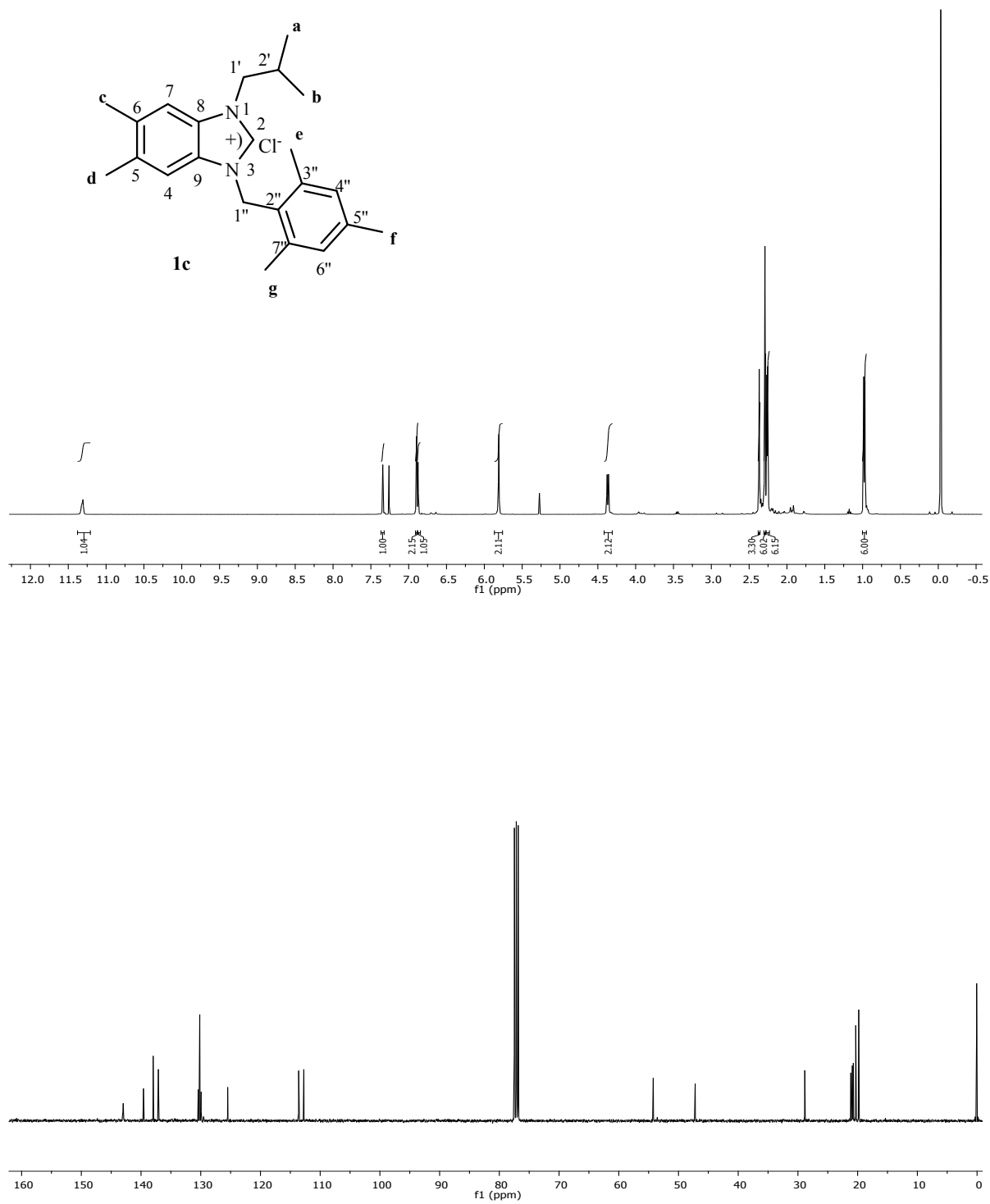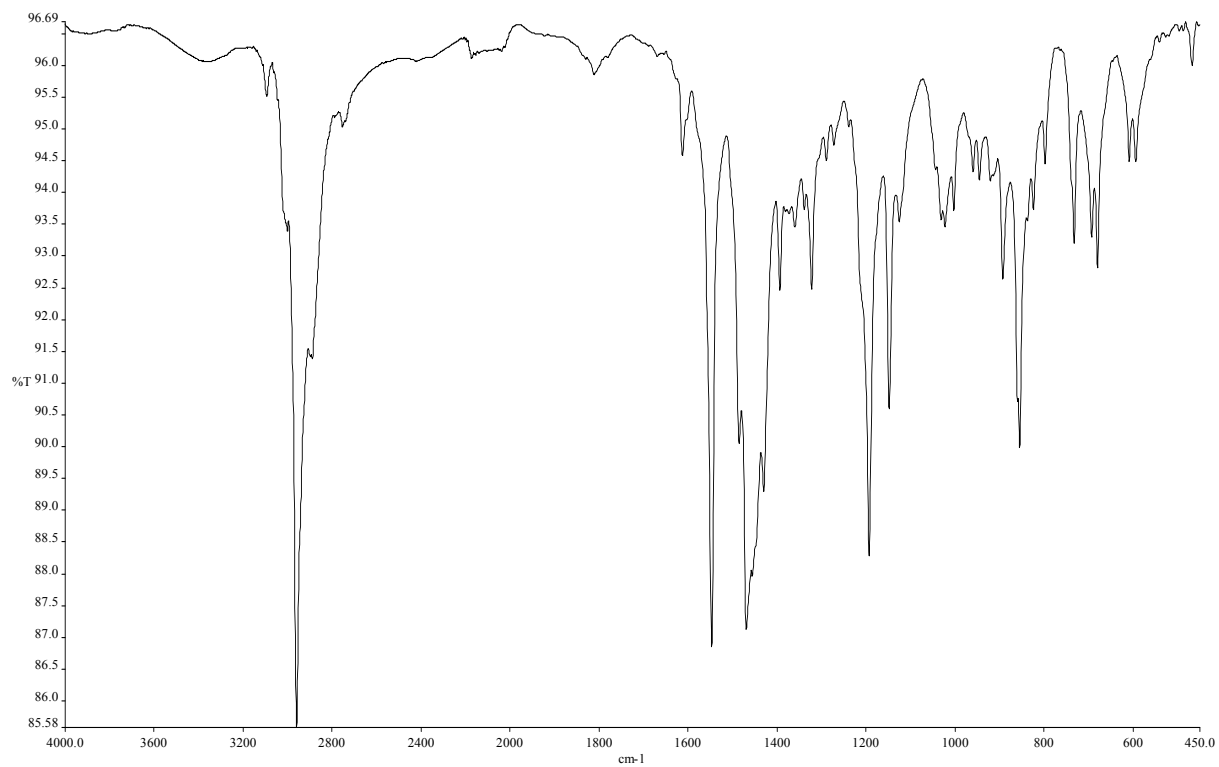
Figure 4. FT-IR spectrum of **1b**

Figure 5. ^1H and $^{13}C\{^1H\}$ NMR spectrums of **1c**

Figure 6. FT-IR spectrum of **1c**

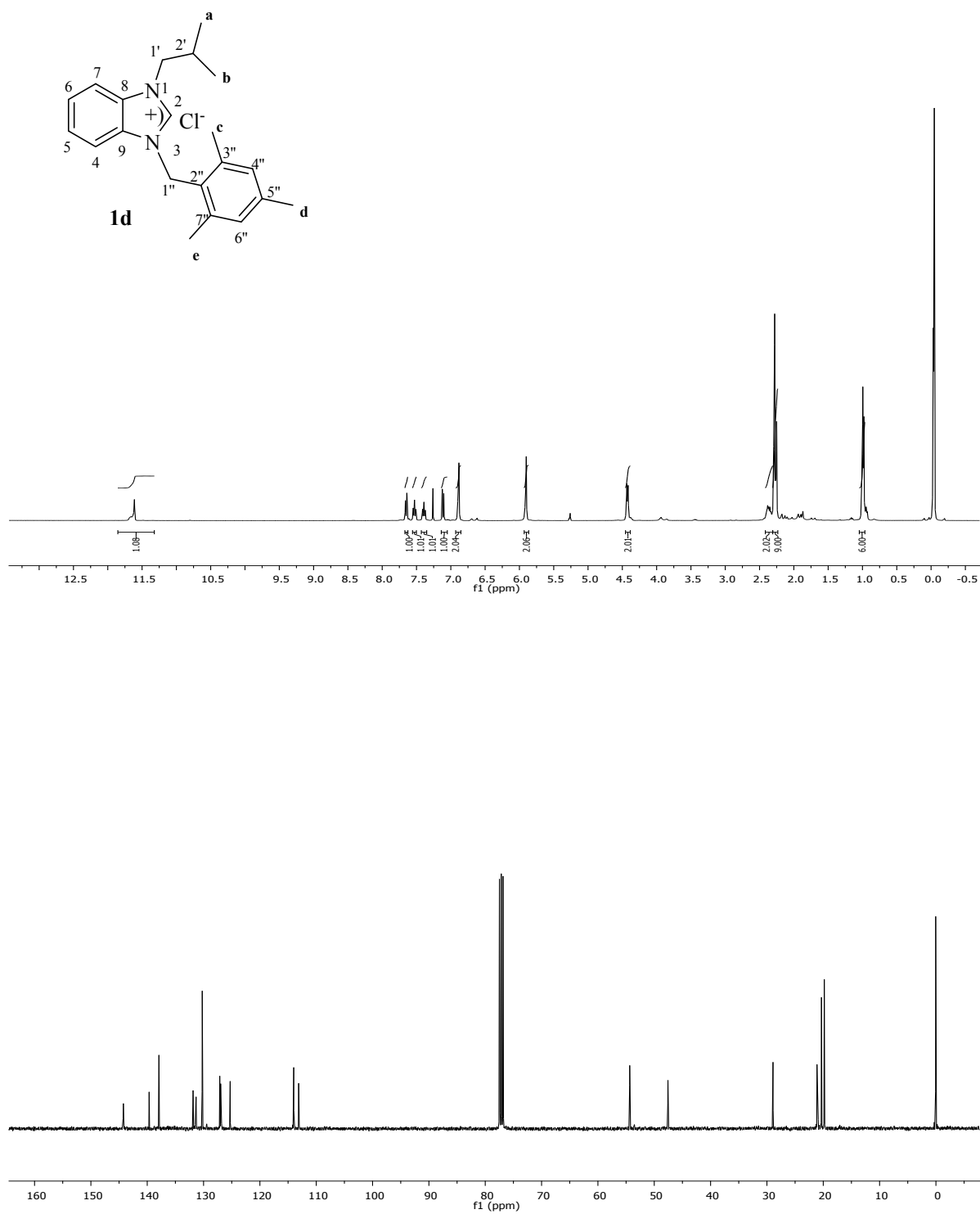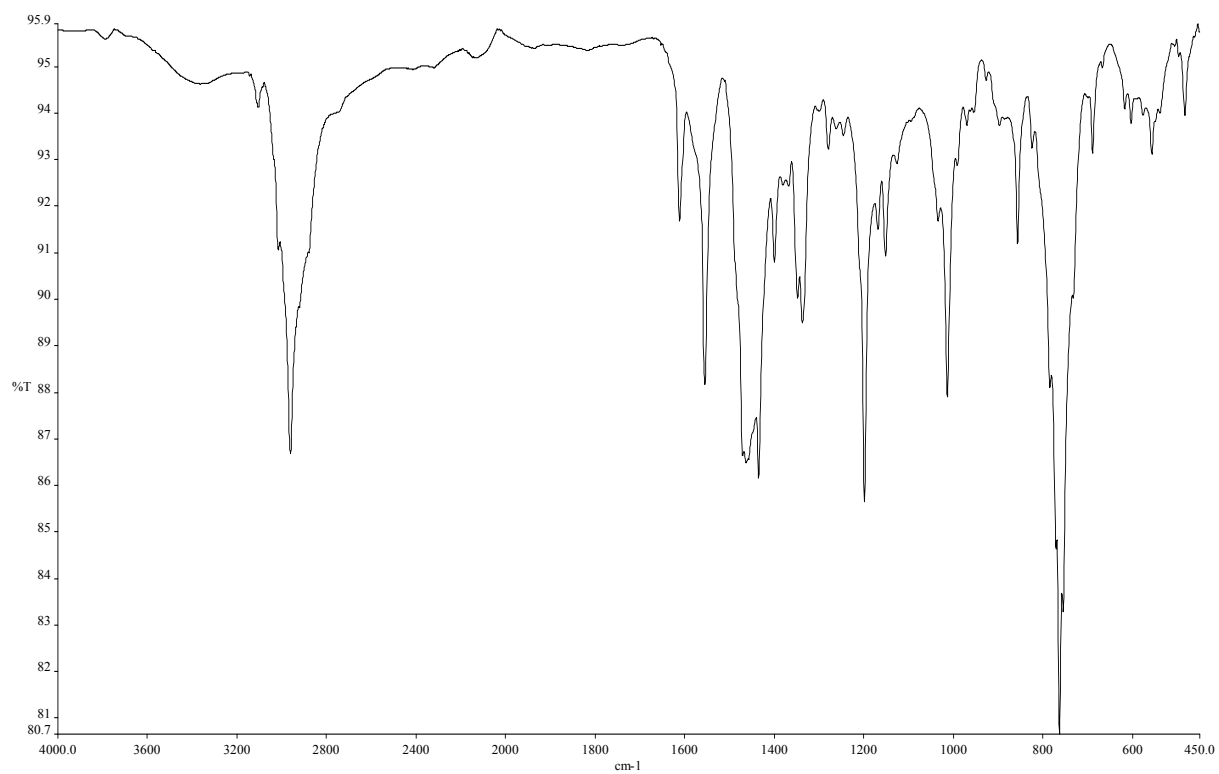**Figure 7**. ^{1}H and ^{13}C{^{1}H} NMR spectrums of **1d**

Figure 8. FT-IR spectrum of **1d**
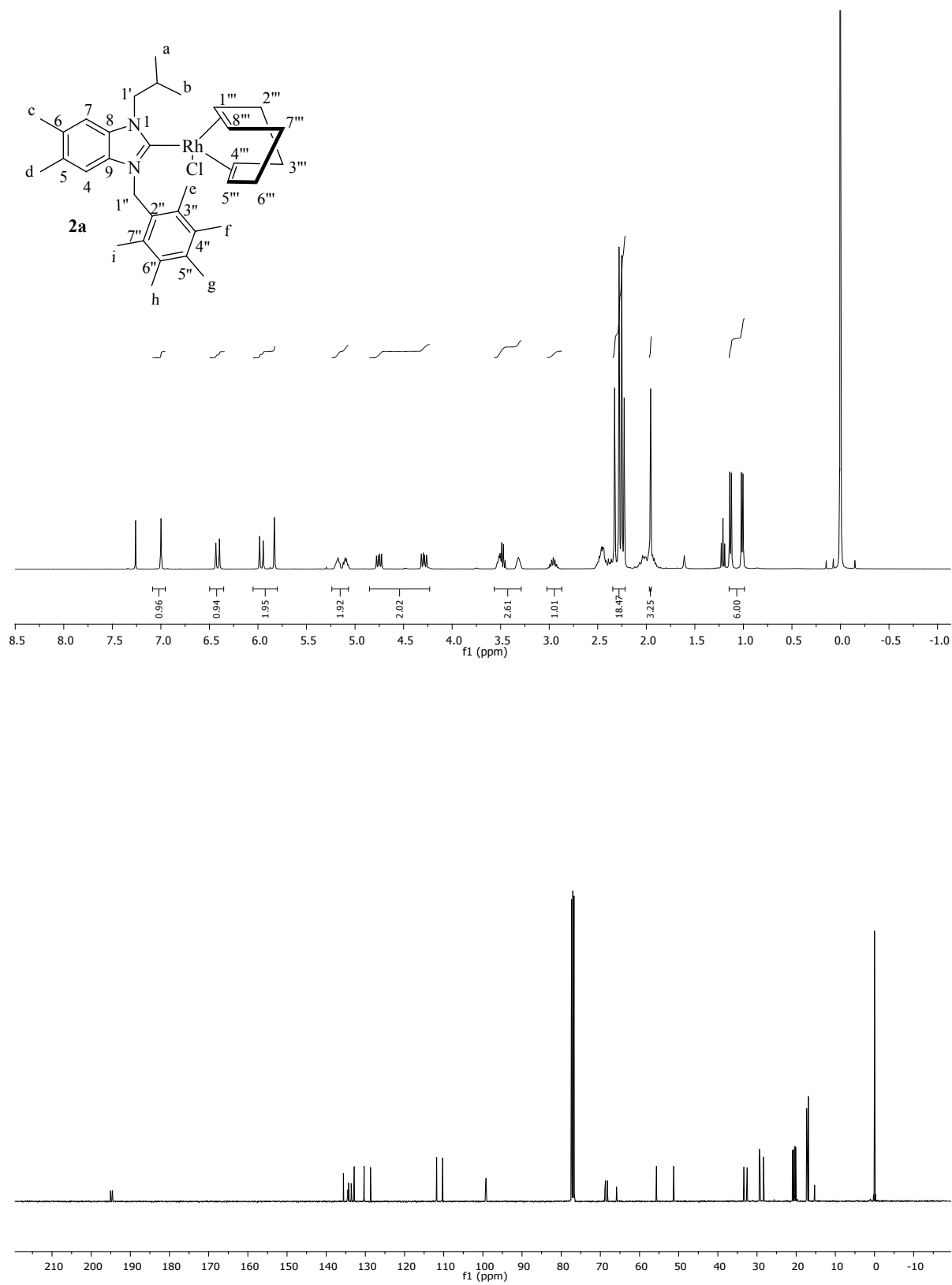
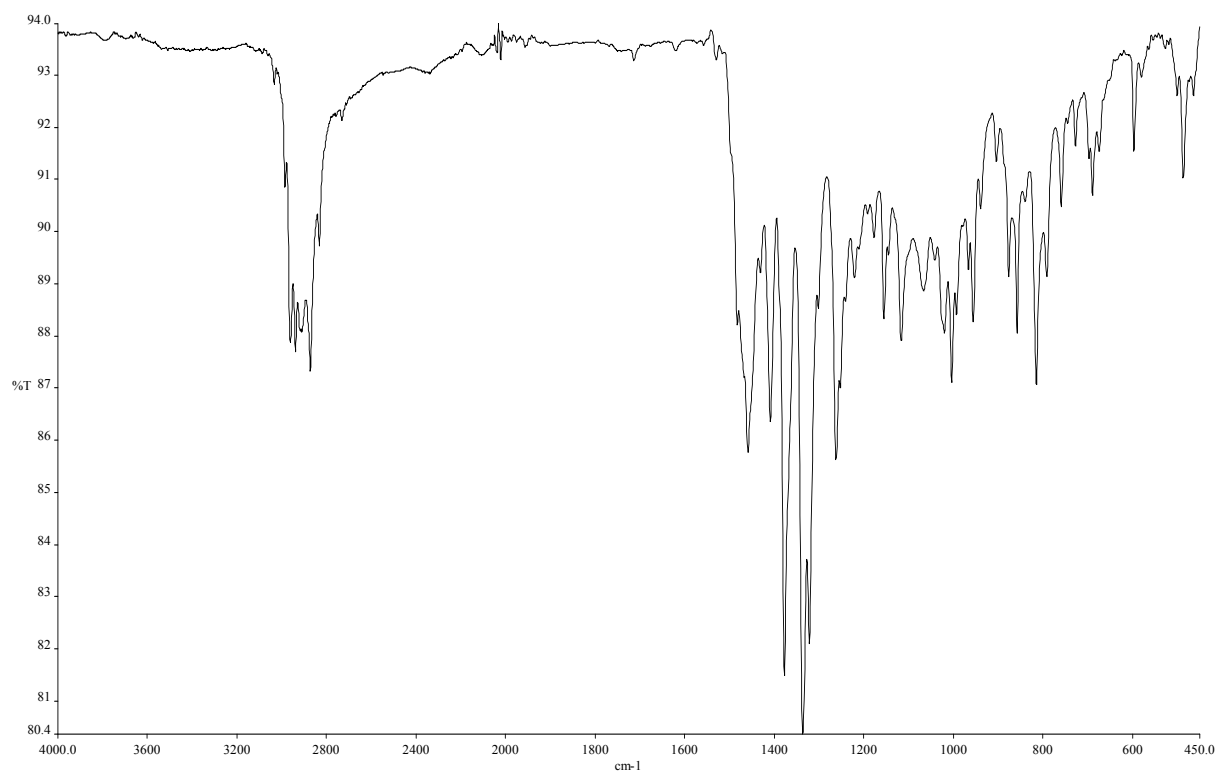**Figure 9**. ^1H and $^{13}C\{^1H\}$ NMR spectrums of **2a**
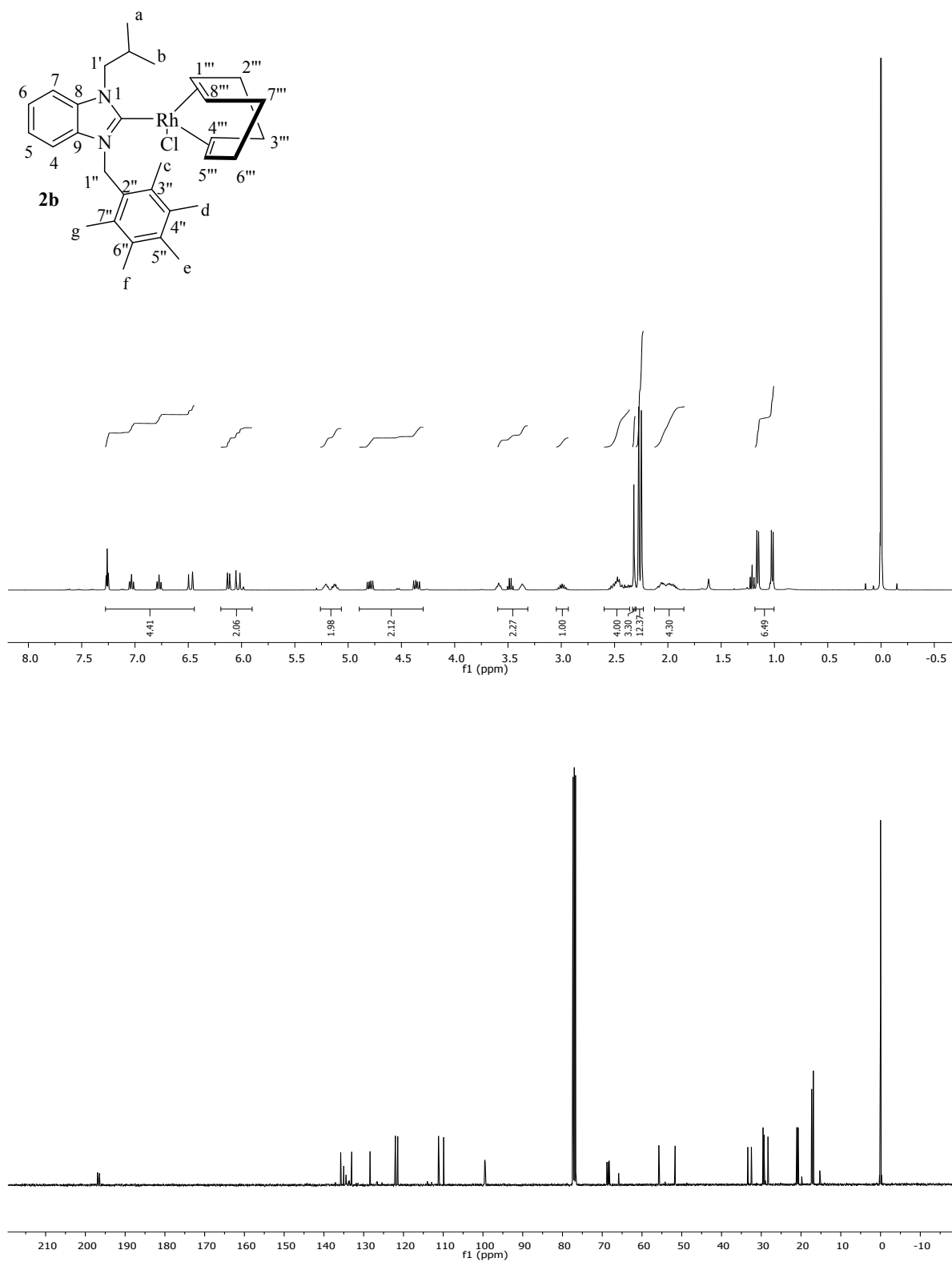
Figure 10. FT-IR spectrum of **2a**

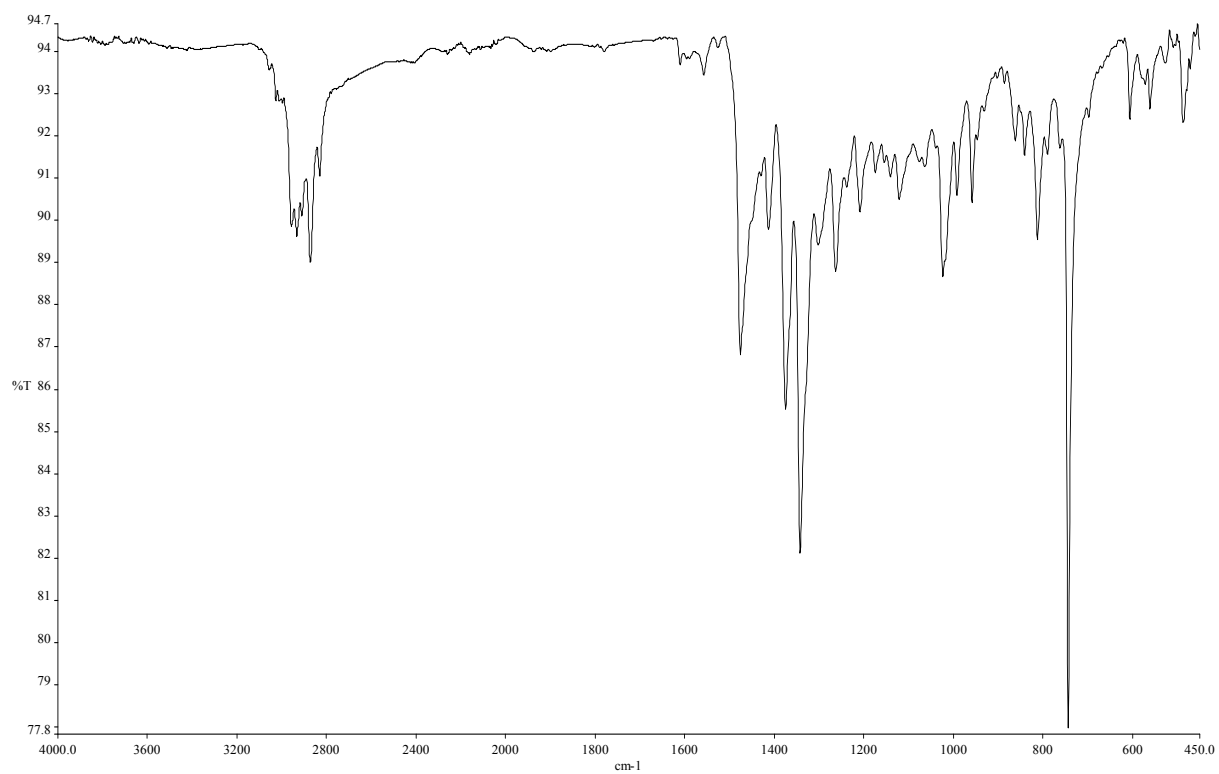**Figure 11**. ^{1}H and ^{13}C{^{1}H} NMR spectrums of **2b**
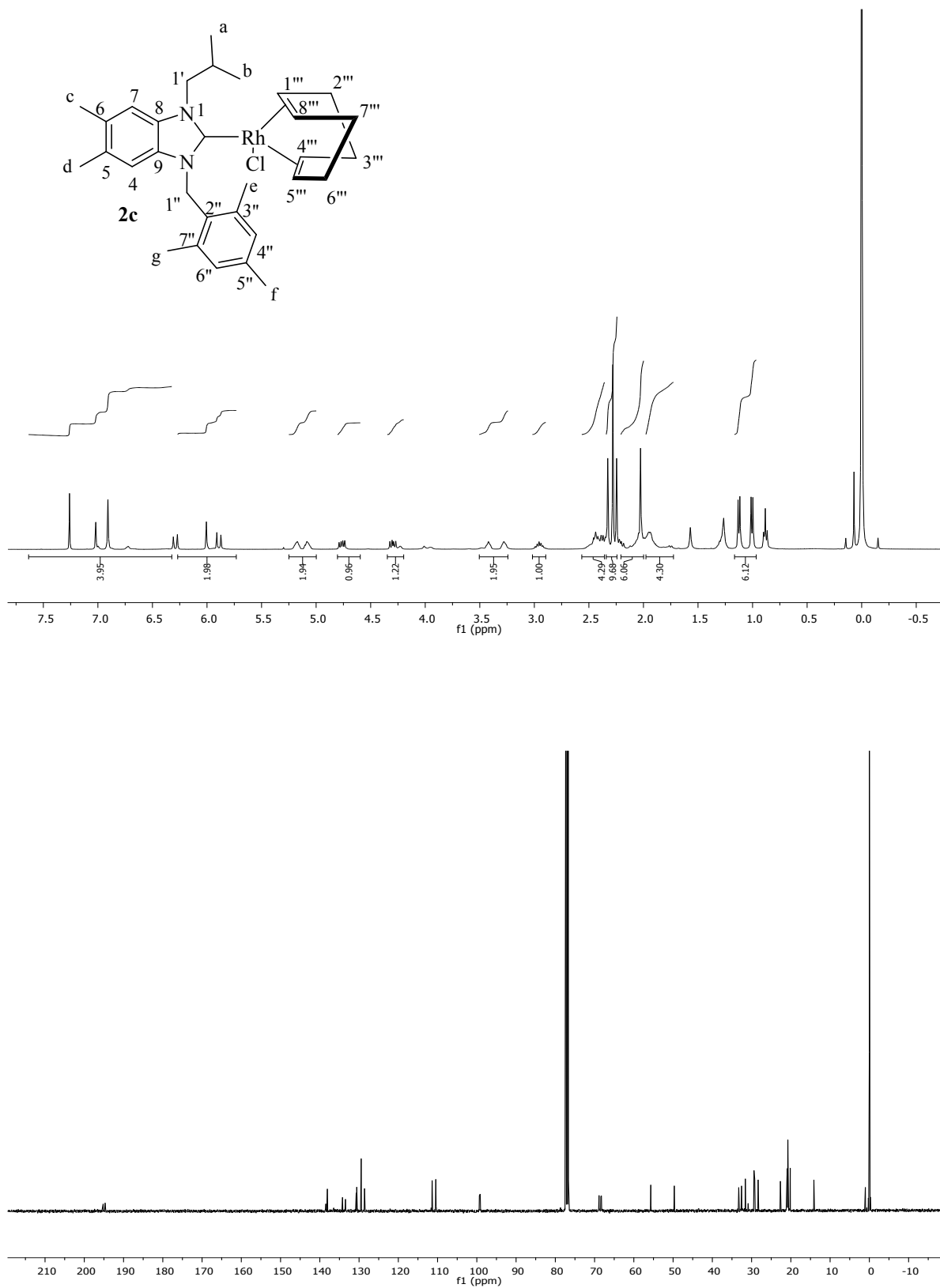
Figure 12. FT-IR spectrum of **2b.**

Figure 13. ^{1}H and ^{13}C{^{1}H} NMR spectrums of **2c**
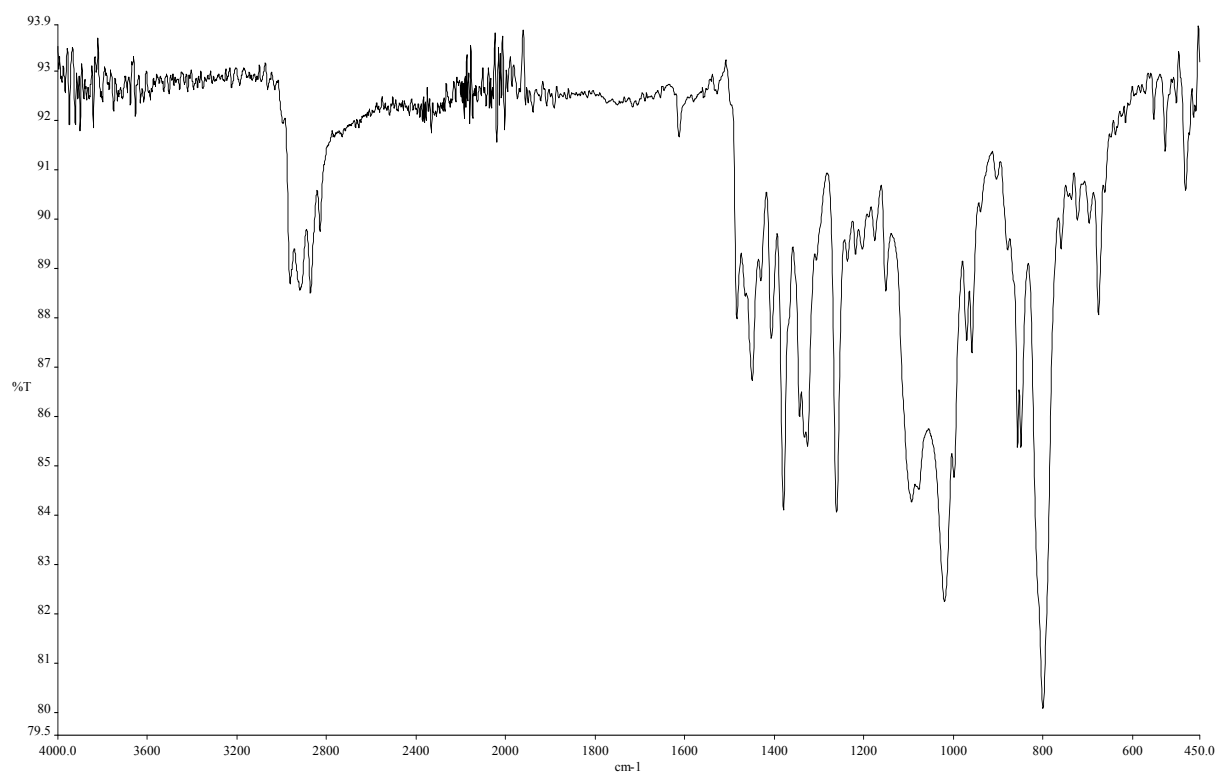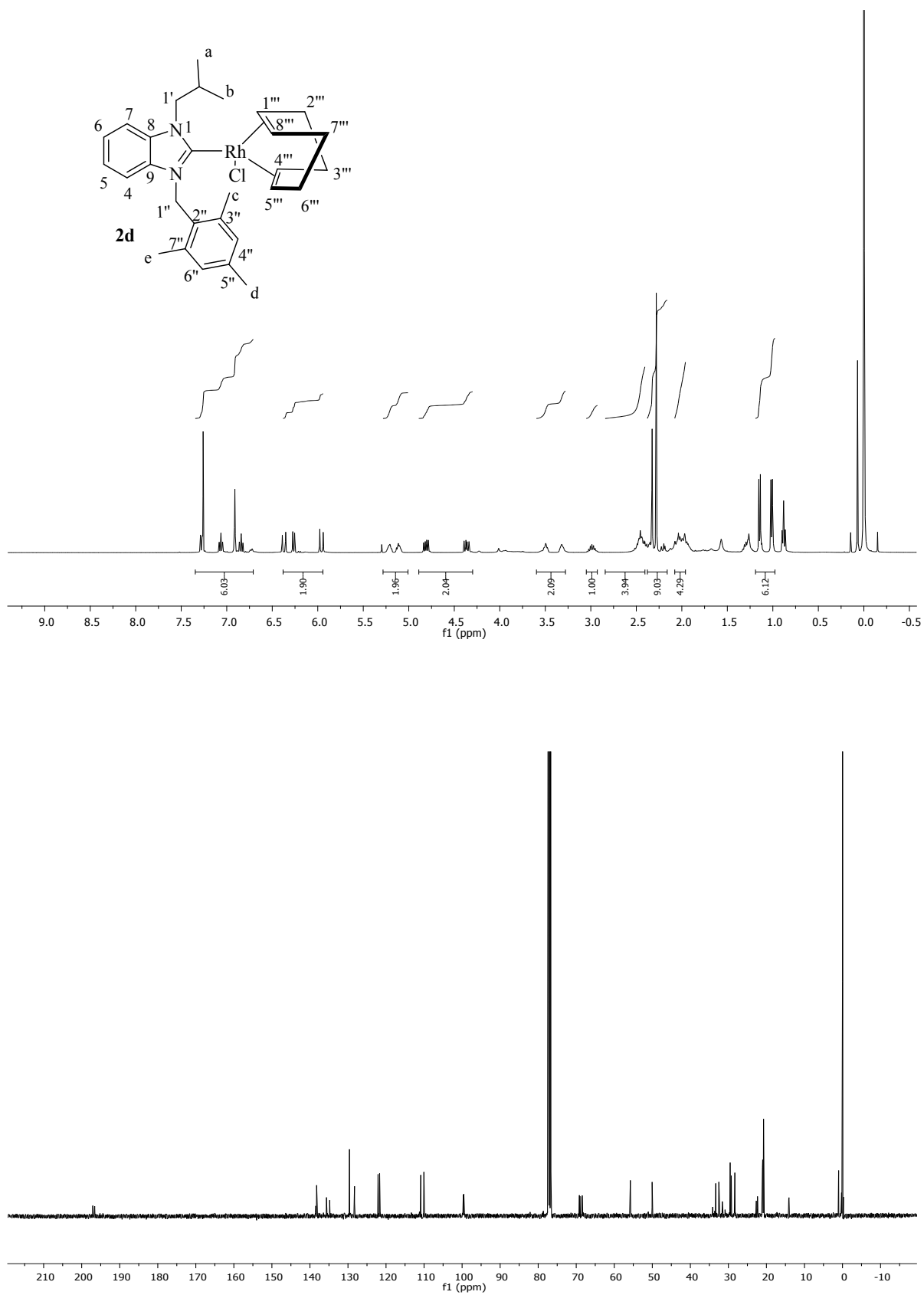
Figure 12. FT-IR spectrum of **2c.**
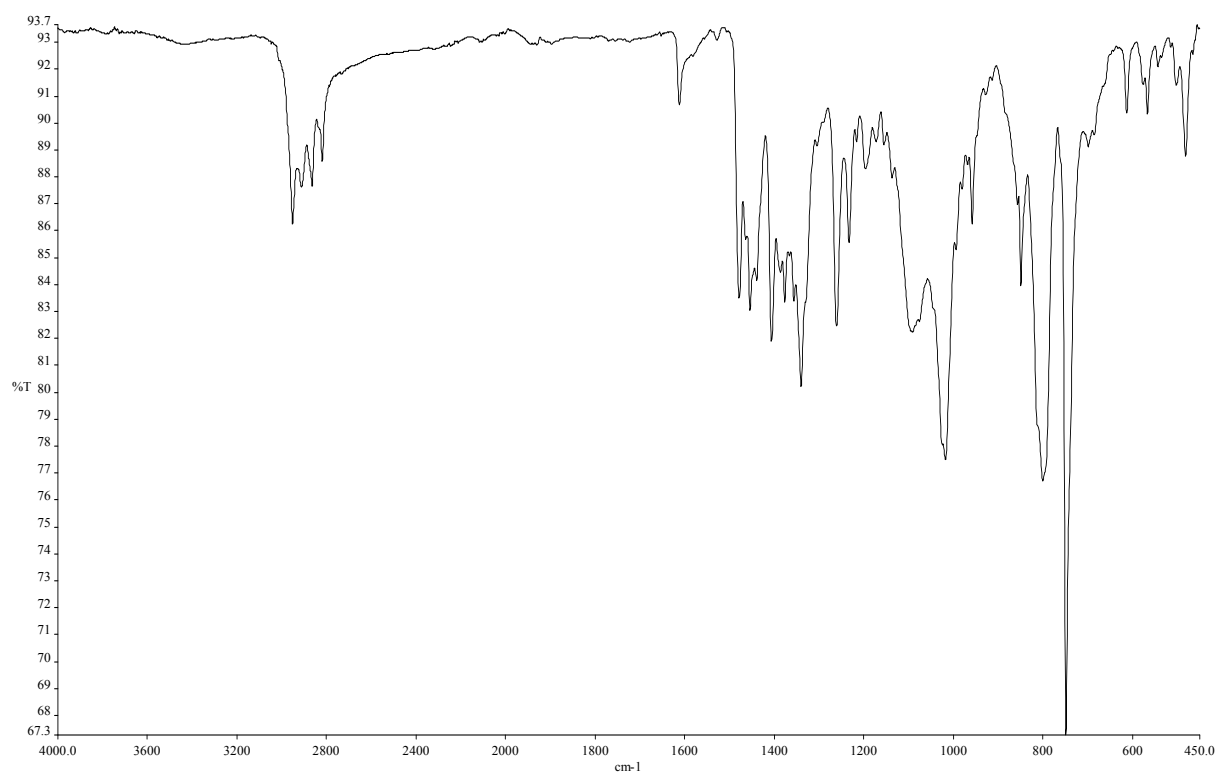
Figure 15. ^1H and $^{13}C\{^1H\}$ NMR spectrums of **2d**

Figure 16. FT-IR spectrum of **2d**