

Supplementary data for article:

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**Supporting information for:**

**Antileukemic action of novel diamine Pt(II) halogenido complexes: comparison of the representative novel Pt(II) with corresponding Pt(IV) complex**

Running title: Antileukemic action of novel diamine Pt(II) complexes

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**Fig. S1.** IR spectrum of complex C2a

**Fig. S2.** IR spectrum of complex C3a

**Fig. S3.** IR spectrum of complex C2b

**Fig. S4.** IR spectrum of complex C3b

**Fig. S5.** IR spectrum of complex C4b

**Fig. S6.** <sup>1</sup>H NMR spectrum of complex C2a

**Fig. S7.** <sup>13</sup>C NMR spectrum of complex C2a

**Fig. S8.** HMBC spectrum of complex C2a

**Fig. S9.**  $^1\text{H}$  NMR spectrum of complex C3a

**Fig. S10.**  $^{13}\text{C}$  NMR spectrum of complex C3a

**Fig. S11.** HMBC spectrum of complex C3a

**Fig. S12.**  $^1\text{H}$  NMR spectrum of complex C2b

**Fig. S13.**  $^{13}\text{C}$  NMR spectrum of complex C2b

**Fig. S14.** HMBC spectrum of complex C2b

**Fig. S15.**  $^1\text{H}$  NMR spectrum of complex C3b

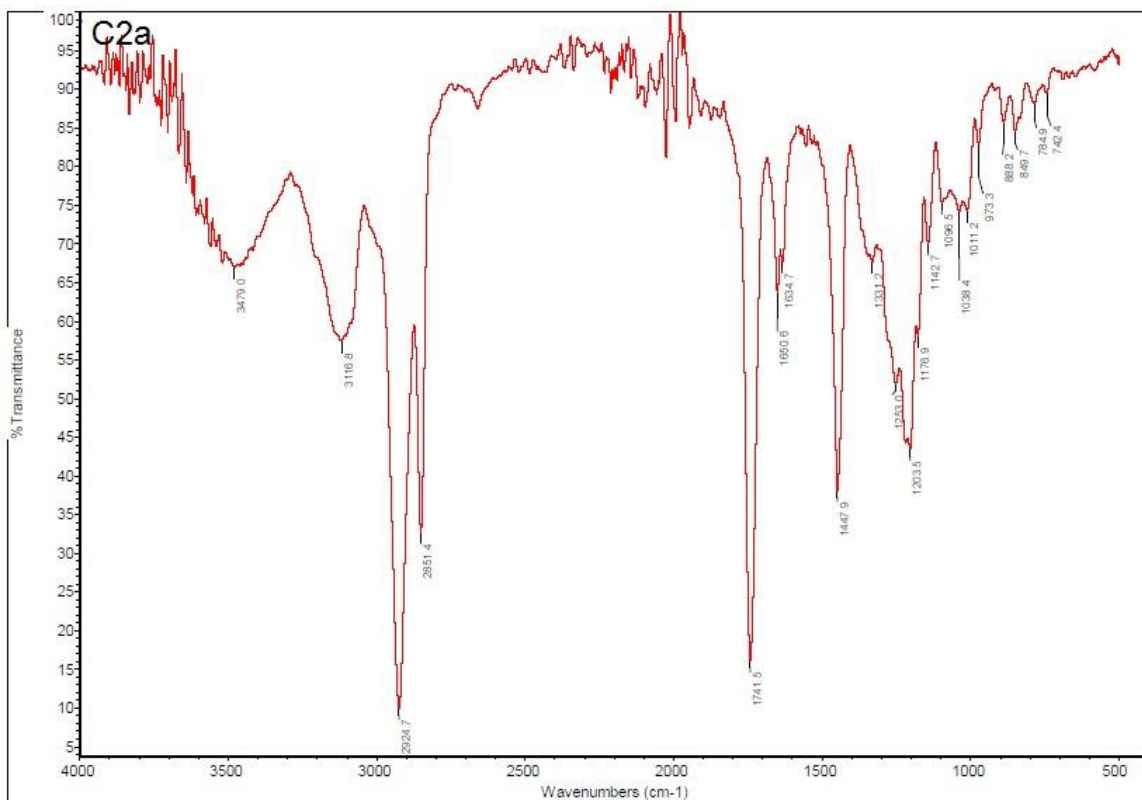
**Fig. S16.**  $^{13}\text{C}$  NMR spectrum of complex C3b

**Fig. S17.** HMBC spectrum of complex C3b

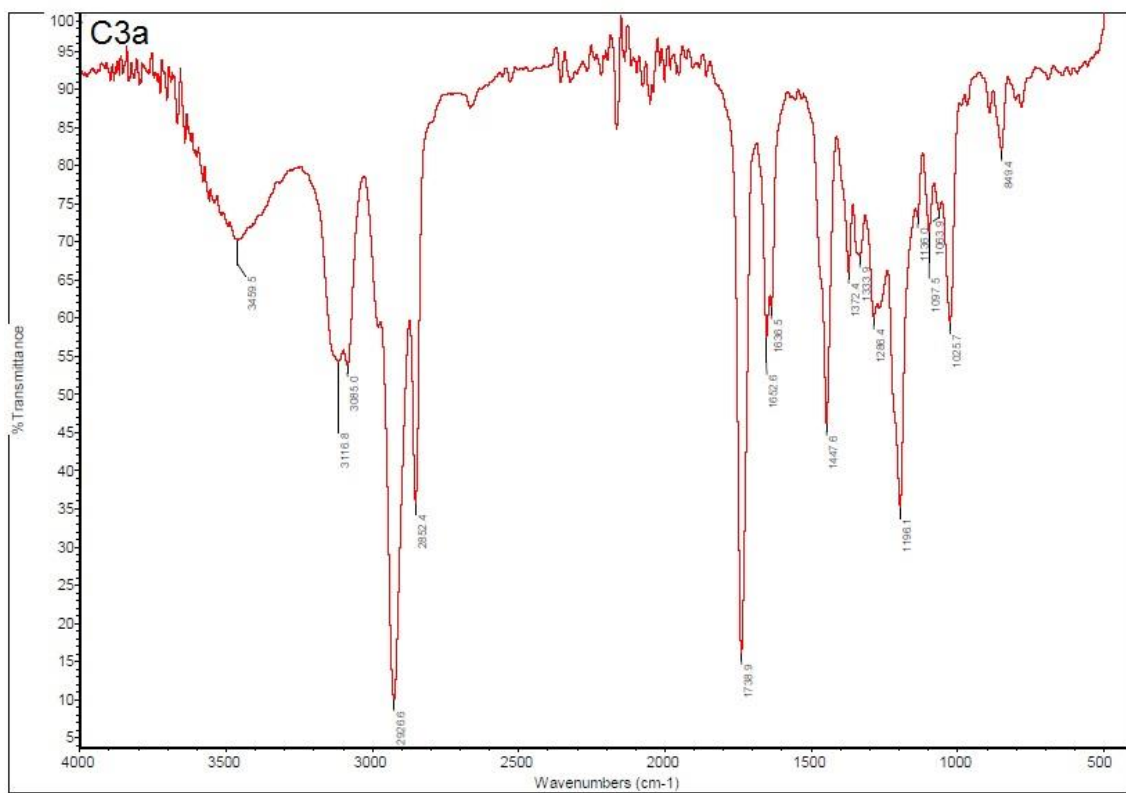
**Fig. S18.**  $^1\text{H}$  NMR spectrum of complex C4b

**Fig. S19.**  $^{13}\text{C}$  NMR spectrum of complex C4b

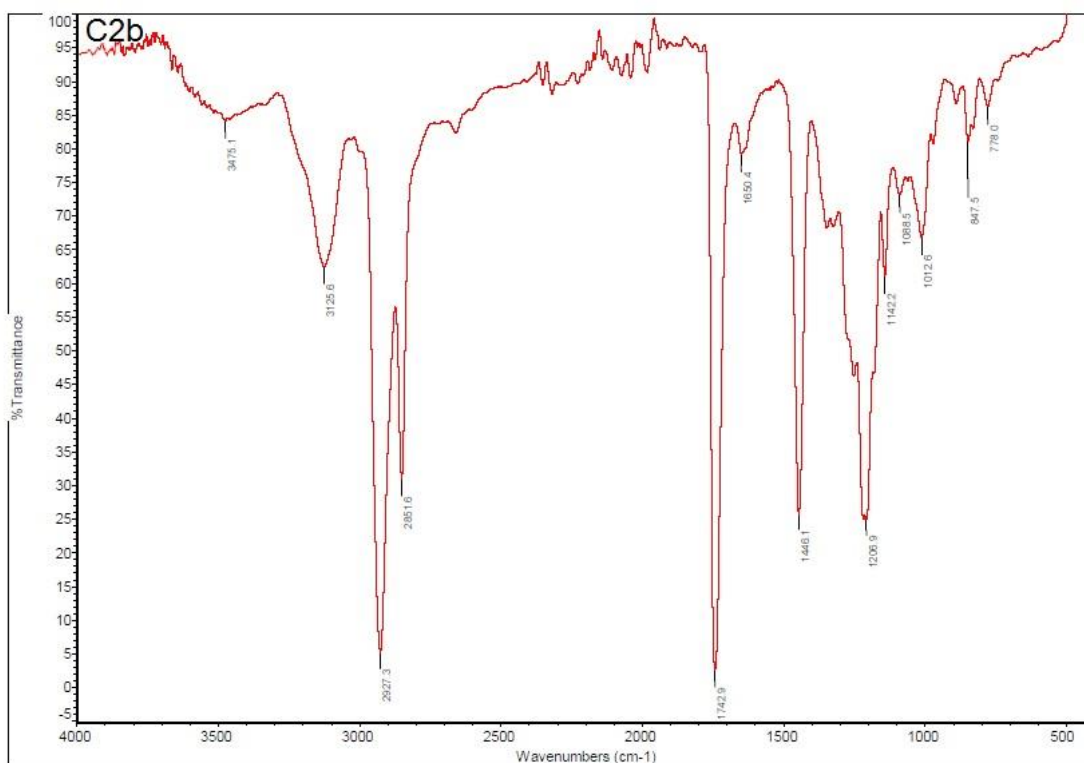
**Fig. S20.** HMBC spectrum of complex C4b



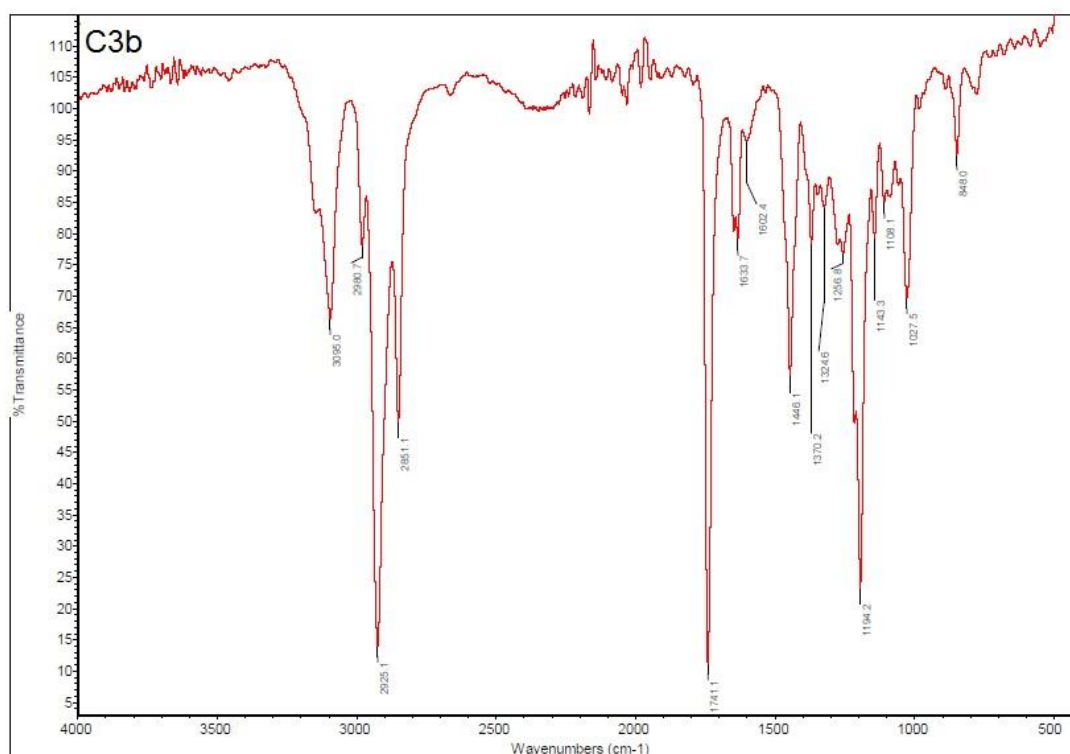
**Fig. S1.** FTIR spectrum of complex C2a



**Fig. S2.** FTIR spectrum of complex C3a



**Fig. S3.** FTIR spectrum of complex C2b



**Fig. S4.** FTIR spectrum of complex C3b

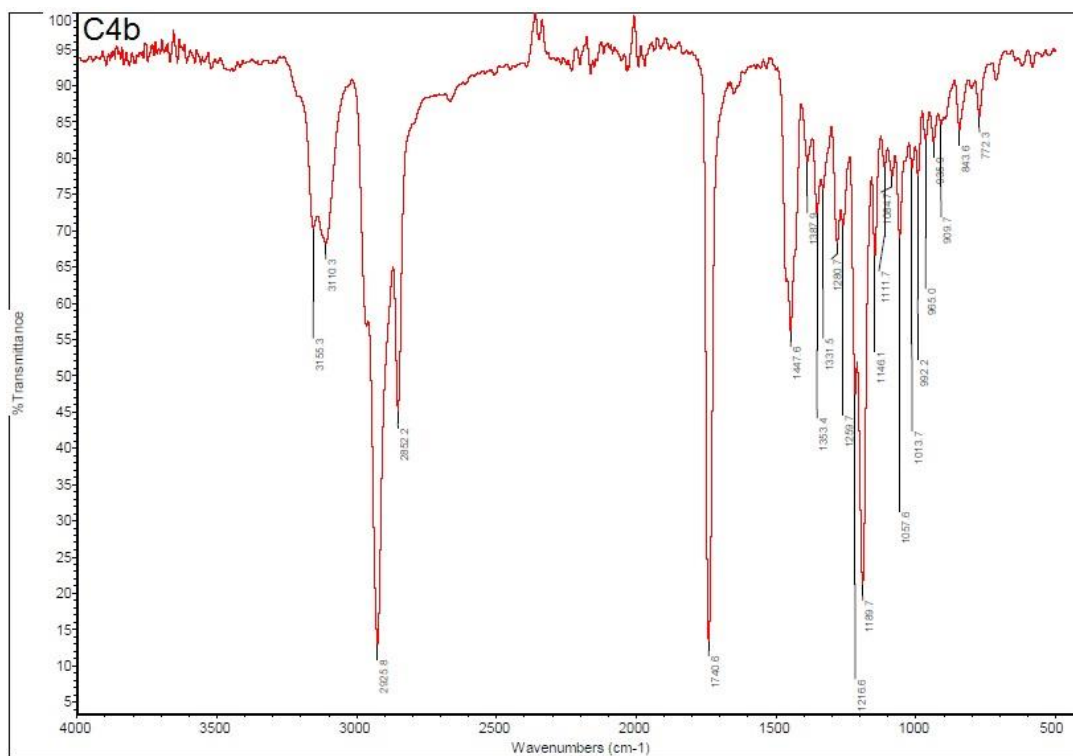


Fig. S5. FTIR spectrum of complex C4b

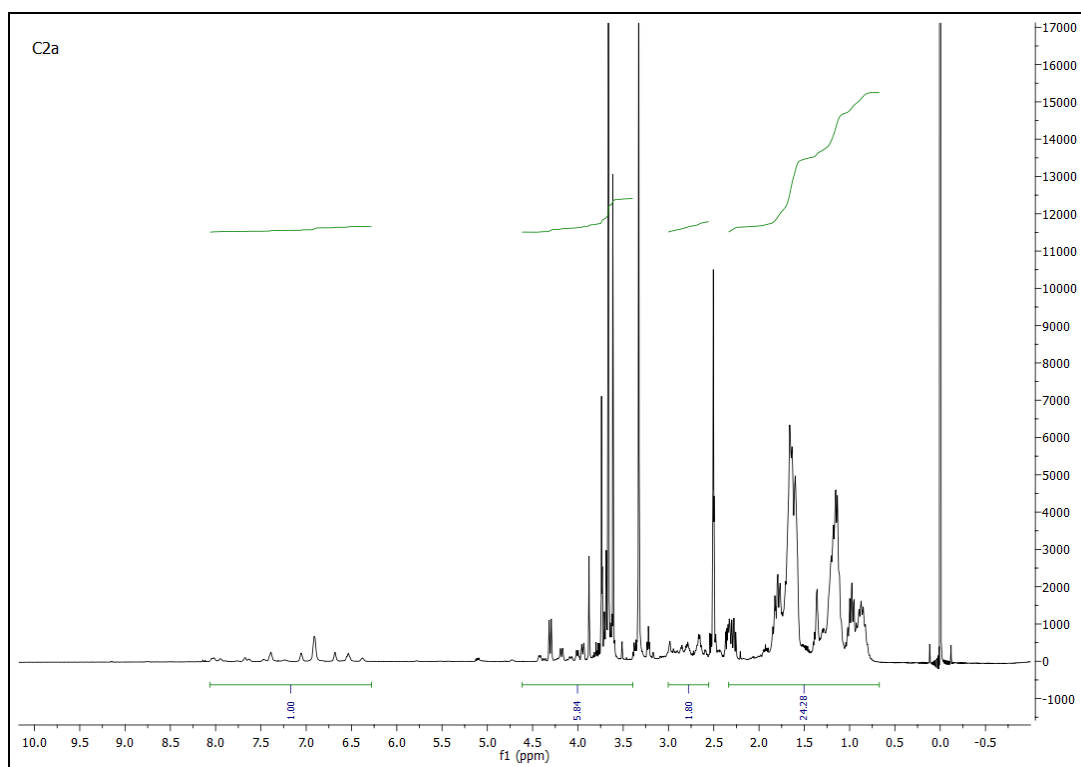
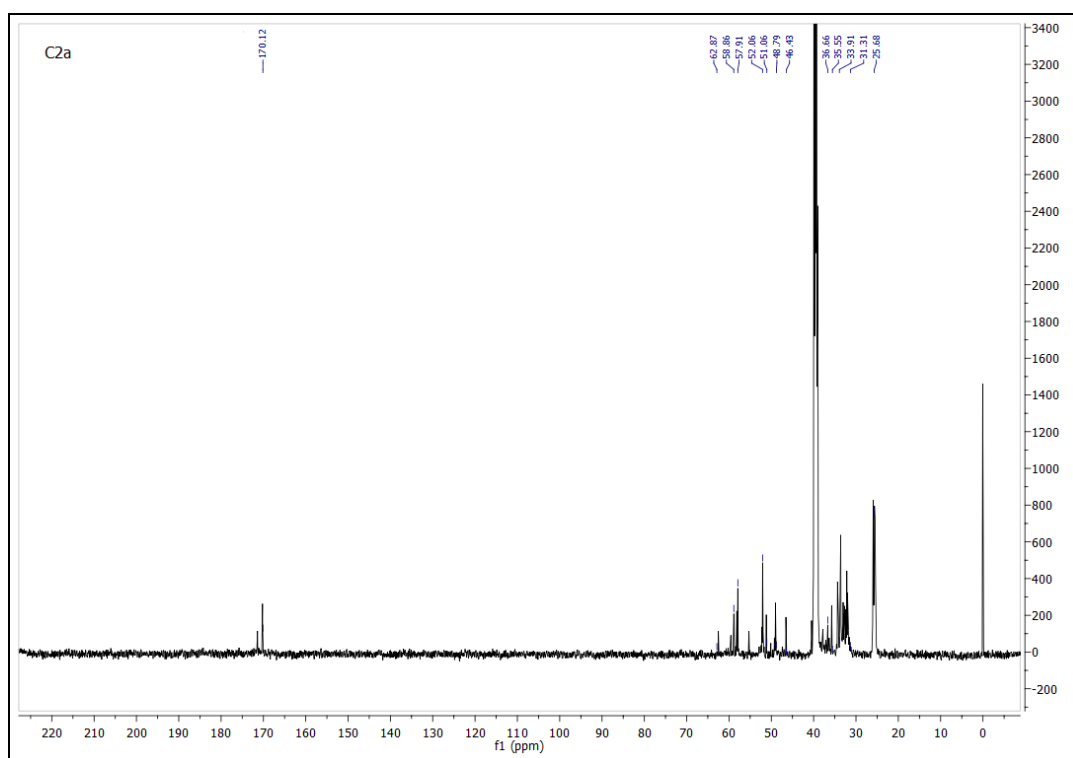
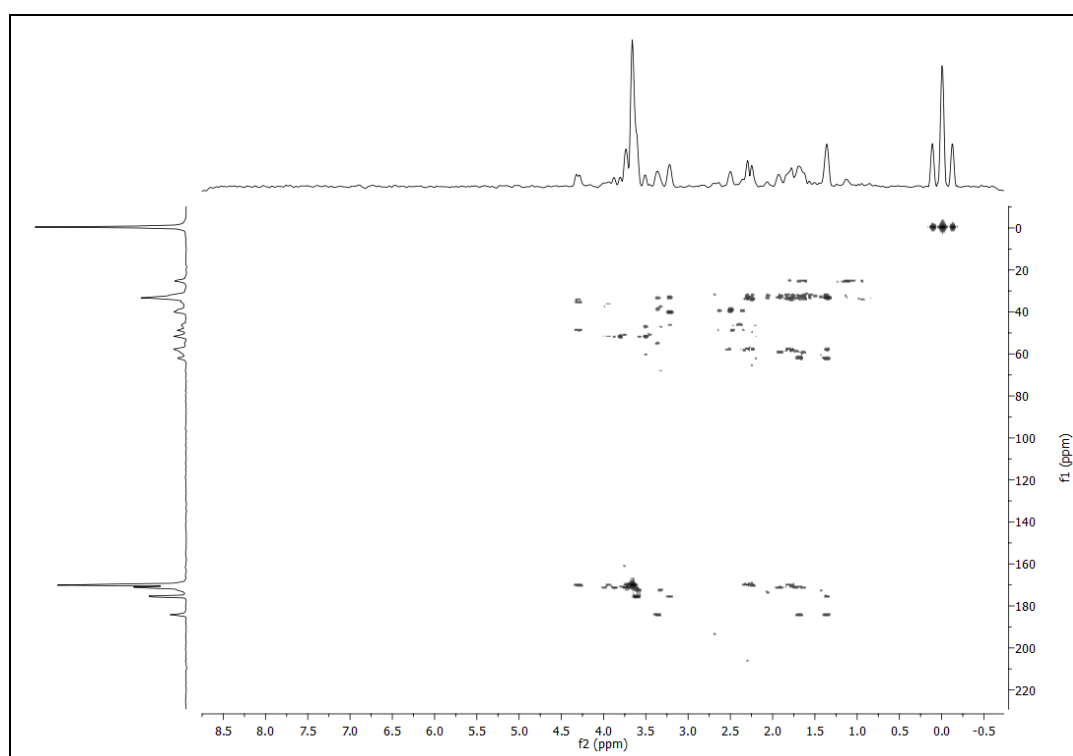


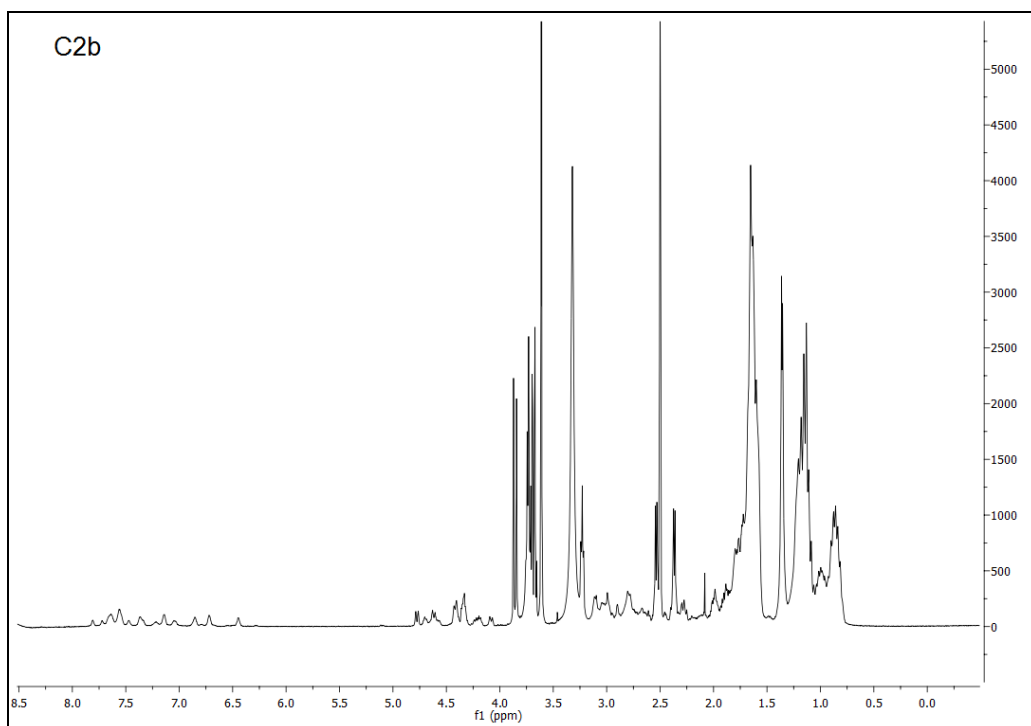
Fig. S6. <sup>1</sup>H NMR spectrum of complex C2a



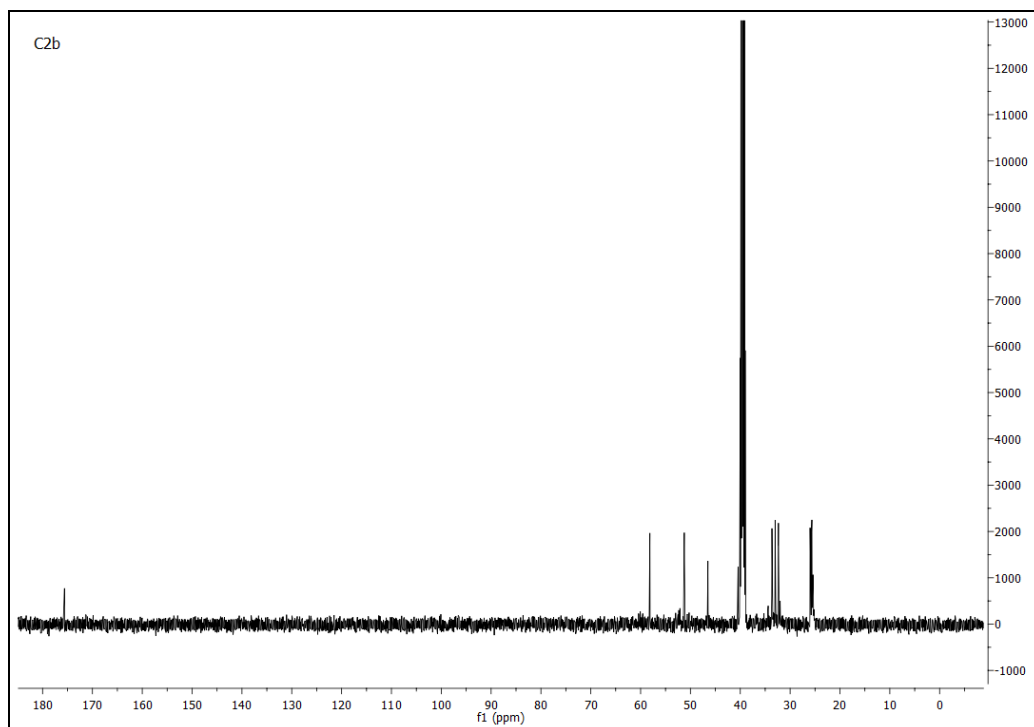
**Fig. S7.**  $^{13}\text{C}$  NMR spectrum of complex C2a



**Fig. S8.** HMBC spectrum of complex C2a

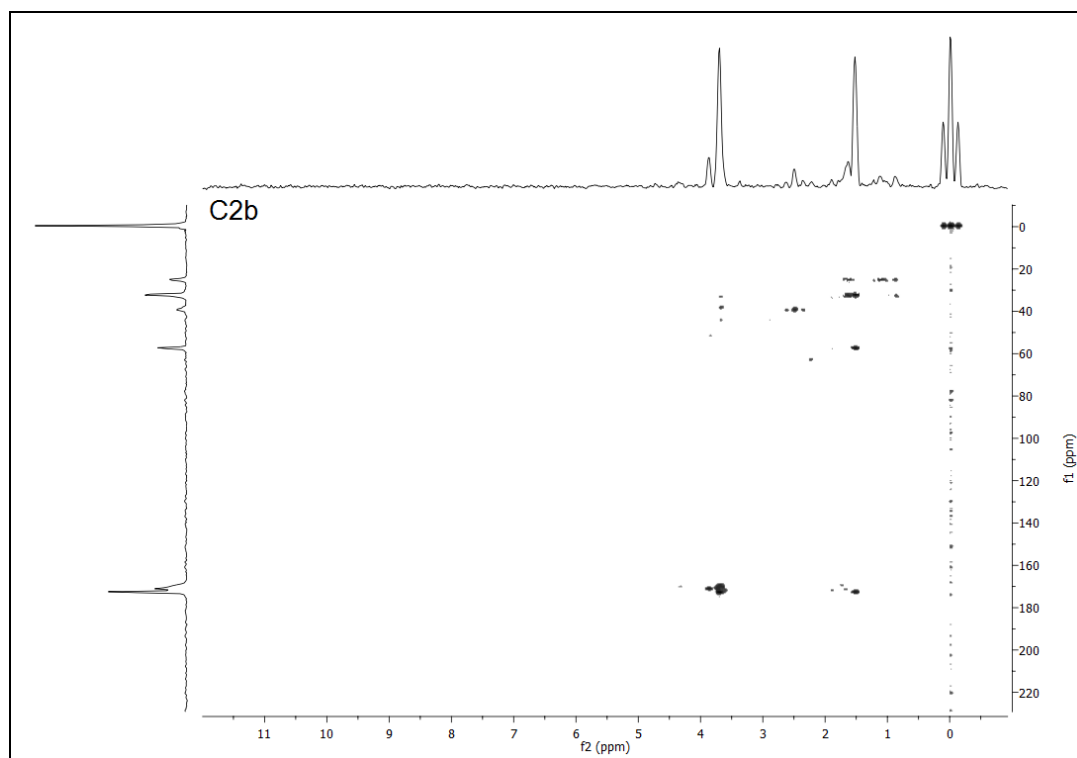


**Fig. S9.** <sup>1</sup>H NMR spectrum of complex C2b

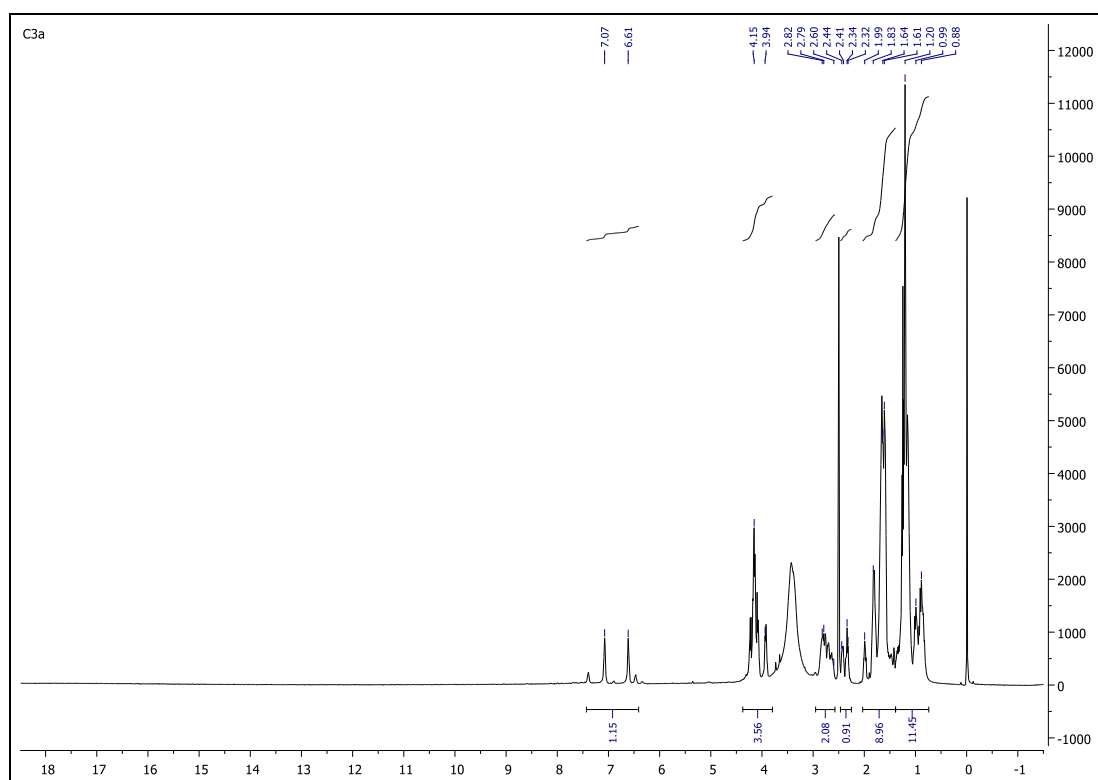


**Fig. S10.** <sup>13</sup>C NMR spectrum of complex C2b

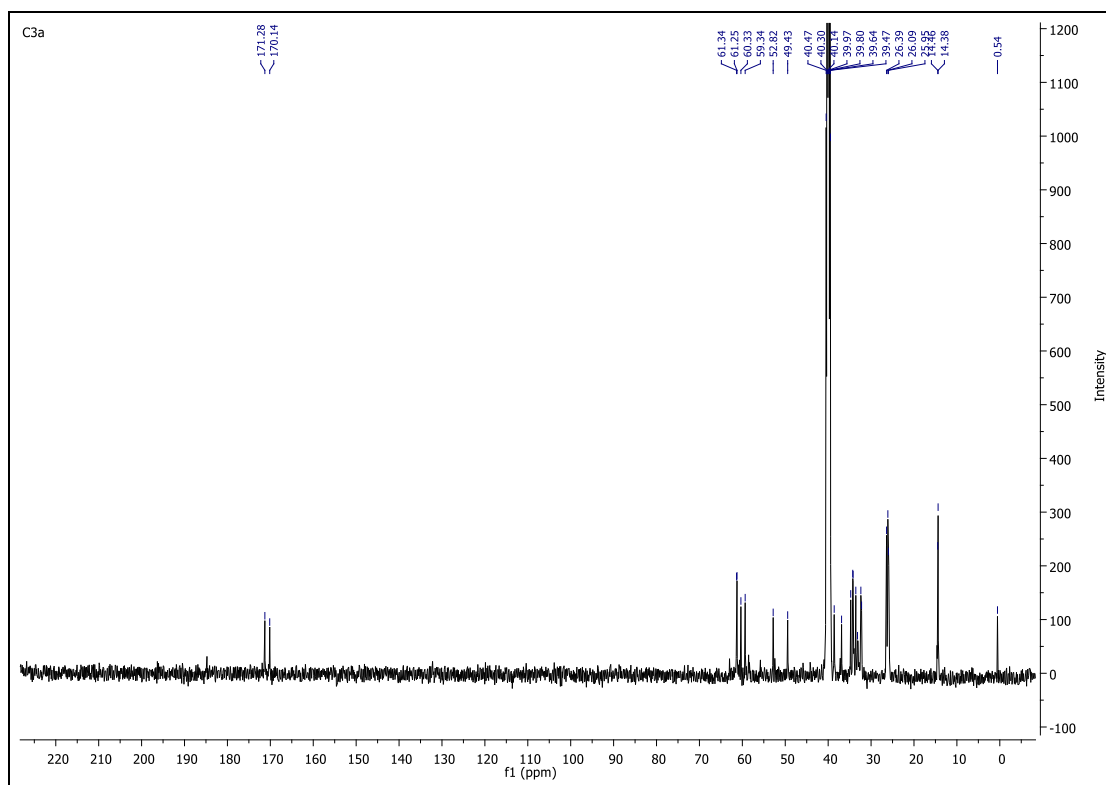




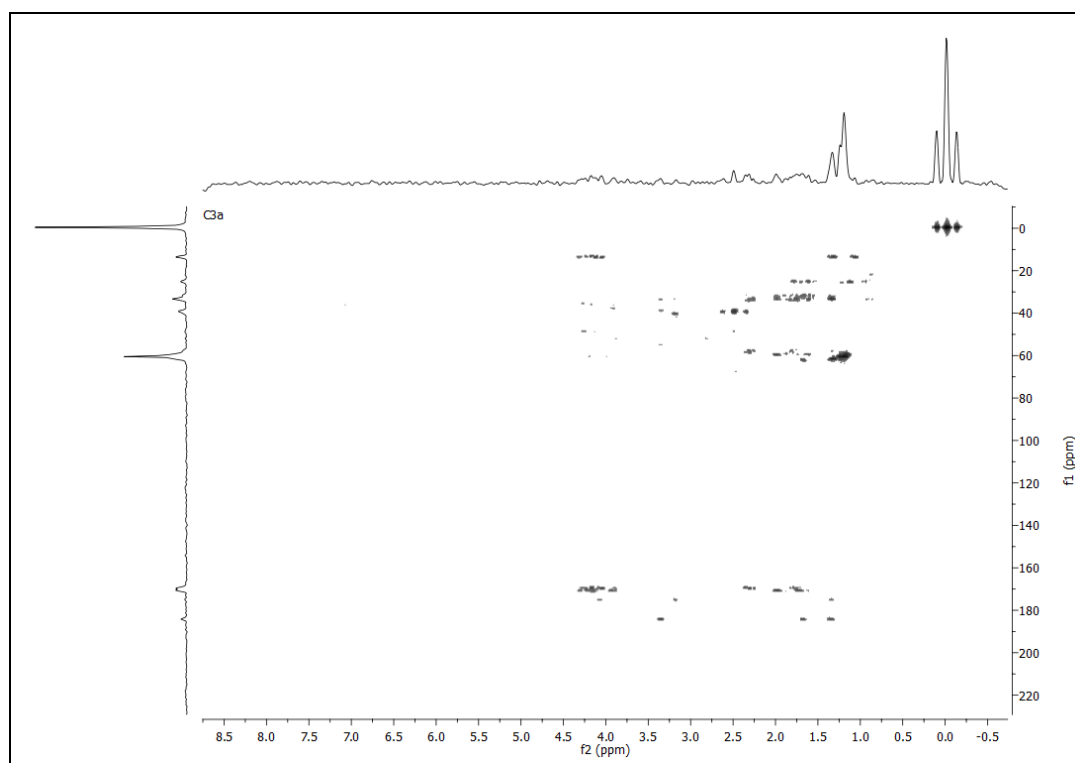
**Fig. S11.** HMBC spectrum of complex C2b



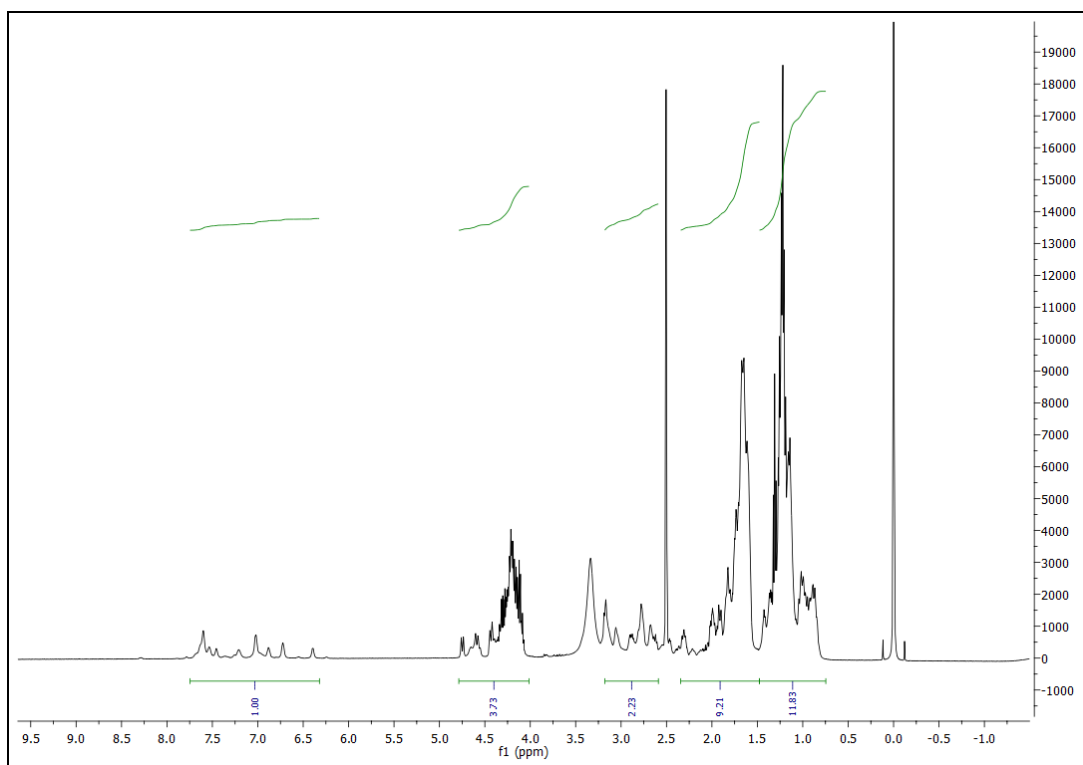
**Fig. S12.**  $^1\text{H}$  NMR spectrum of complex C3a



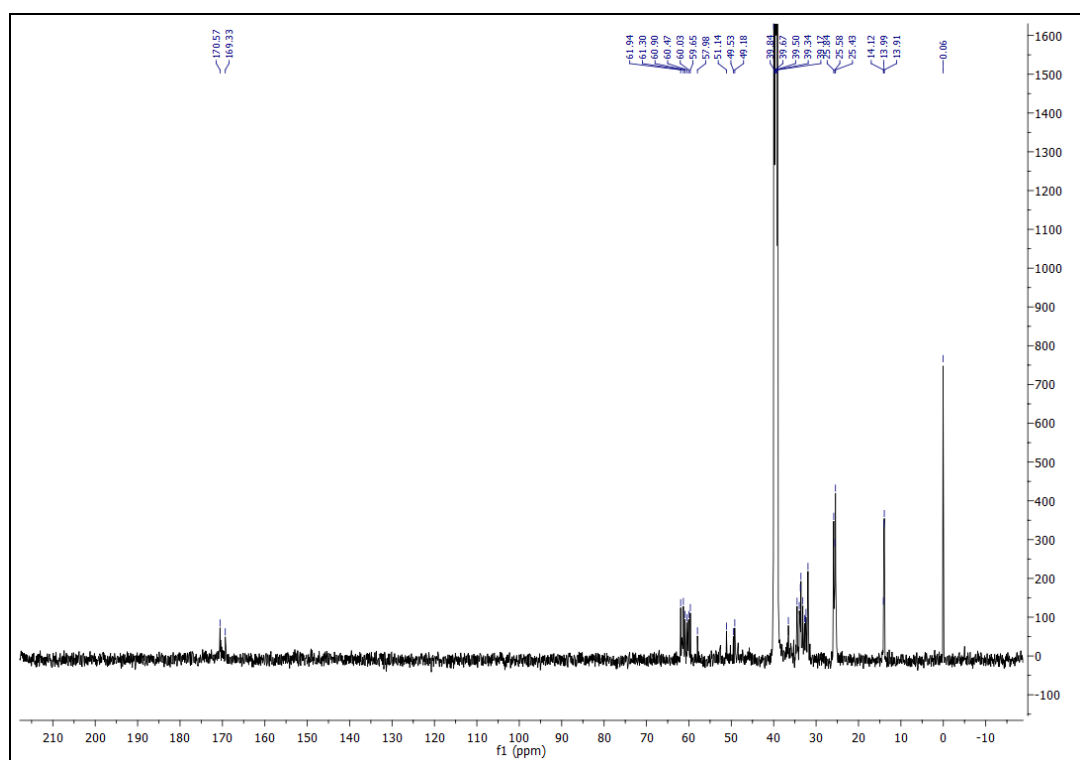
**Fig. S13.**  $^{13}\text{C}$  NMR spectrum of complex C3a



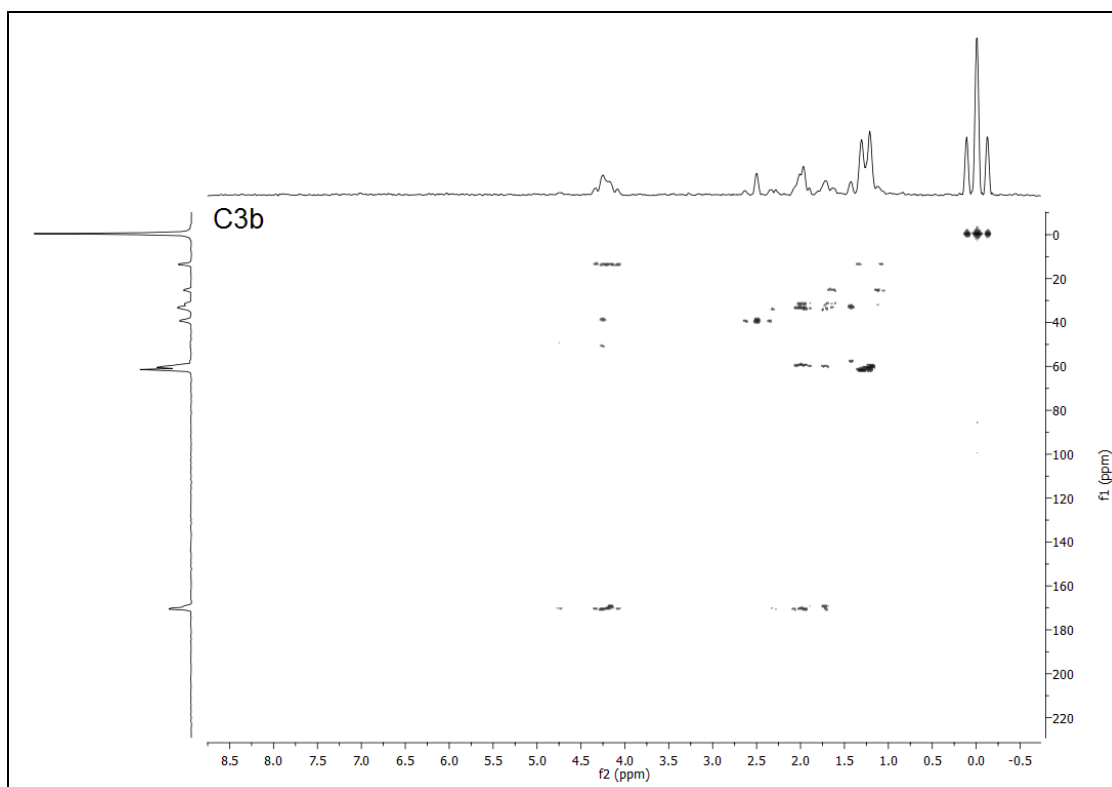
**Fig. S14.** HMBC spectrum of complex C3a



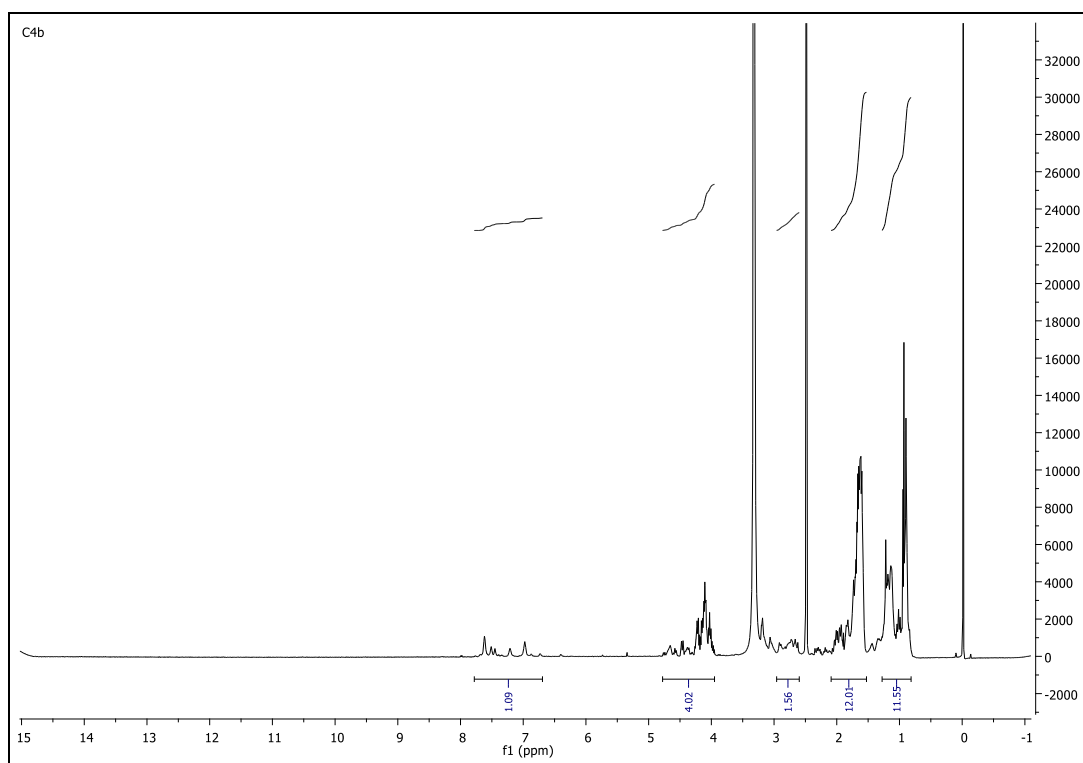
**Fig. S15.**  $^1\text{H}$  NMR spectrum of complex C3b



**Fig. S16.**  $^{13}\text{C}$  NMR spectrum of complex C3b



**Fig. S17.** HMBC spectrum of complex C3b



**Fig. S18.** <sup>1</sup>H NMR spectrum of complex C4b

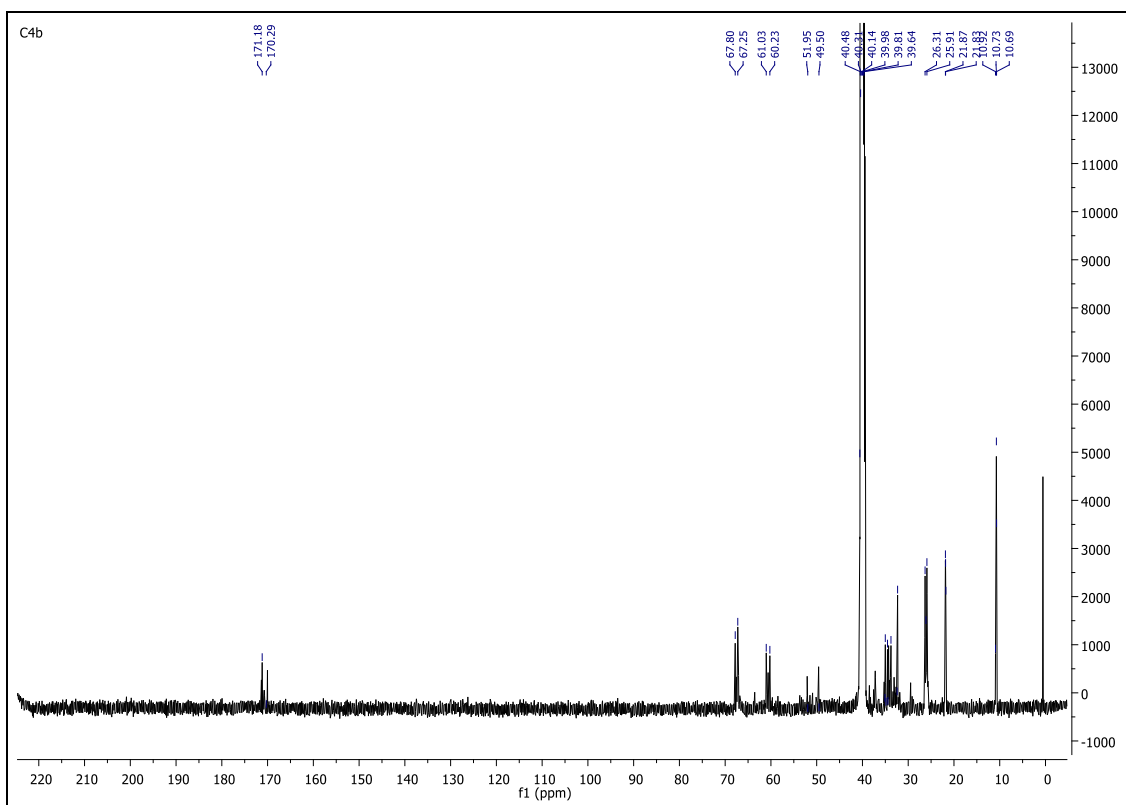


Fig. S19.  $^{13}\text{C}$  NMR spectrum of complex C4b

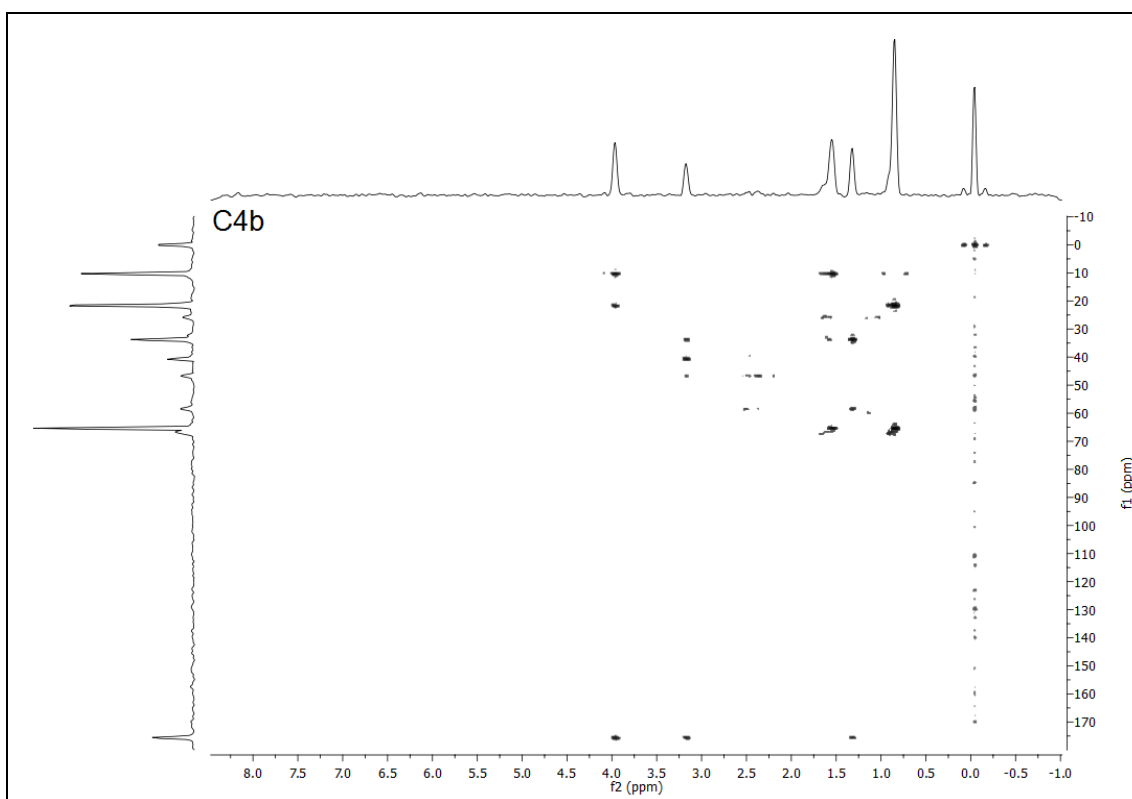


Fig. S20. HMBC spectrum of complex C4b