

Supporting Information

Transition metal-free one-pot cascade synthesis of **7-oxa-2-azatricyclo[7.4.0.0^{2,6}]trideca-1(9),10,12-trien-3-ones** from biomass-derived levulinic acid under mild conditions

Amitabh Jha,* Ajay B. Naidu, Ashraf M. Abdelkhalik

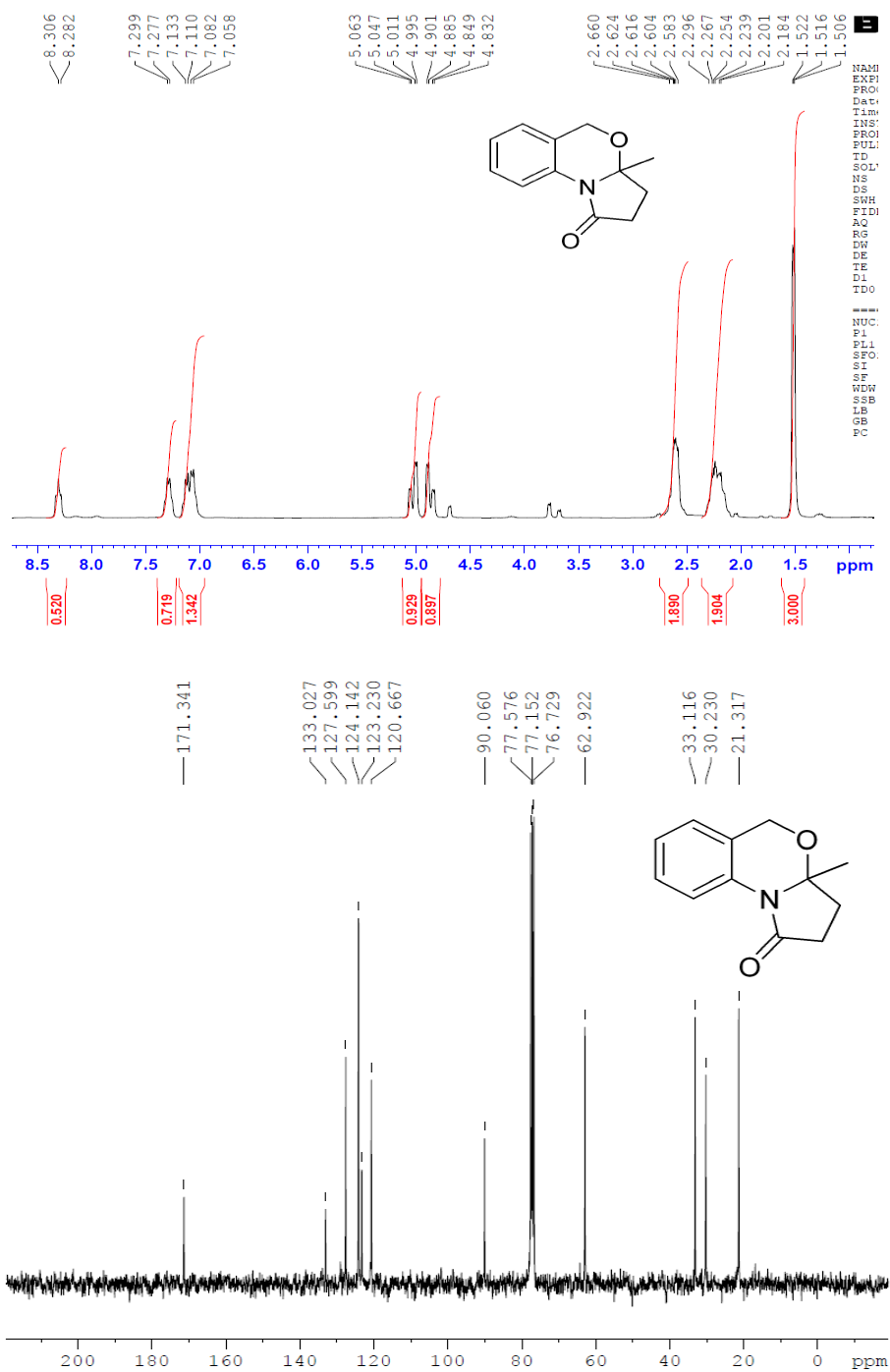
Department of Chemistry, Acadia University, Wolfville, Nova Scotia, B4P2R6, Canada

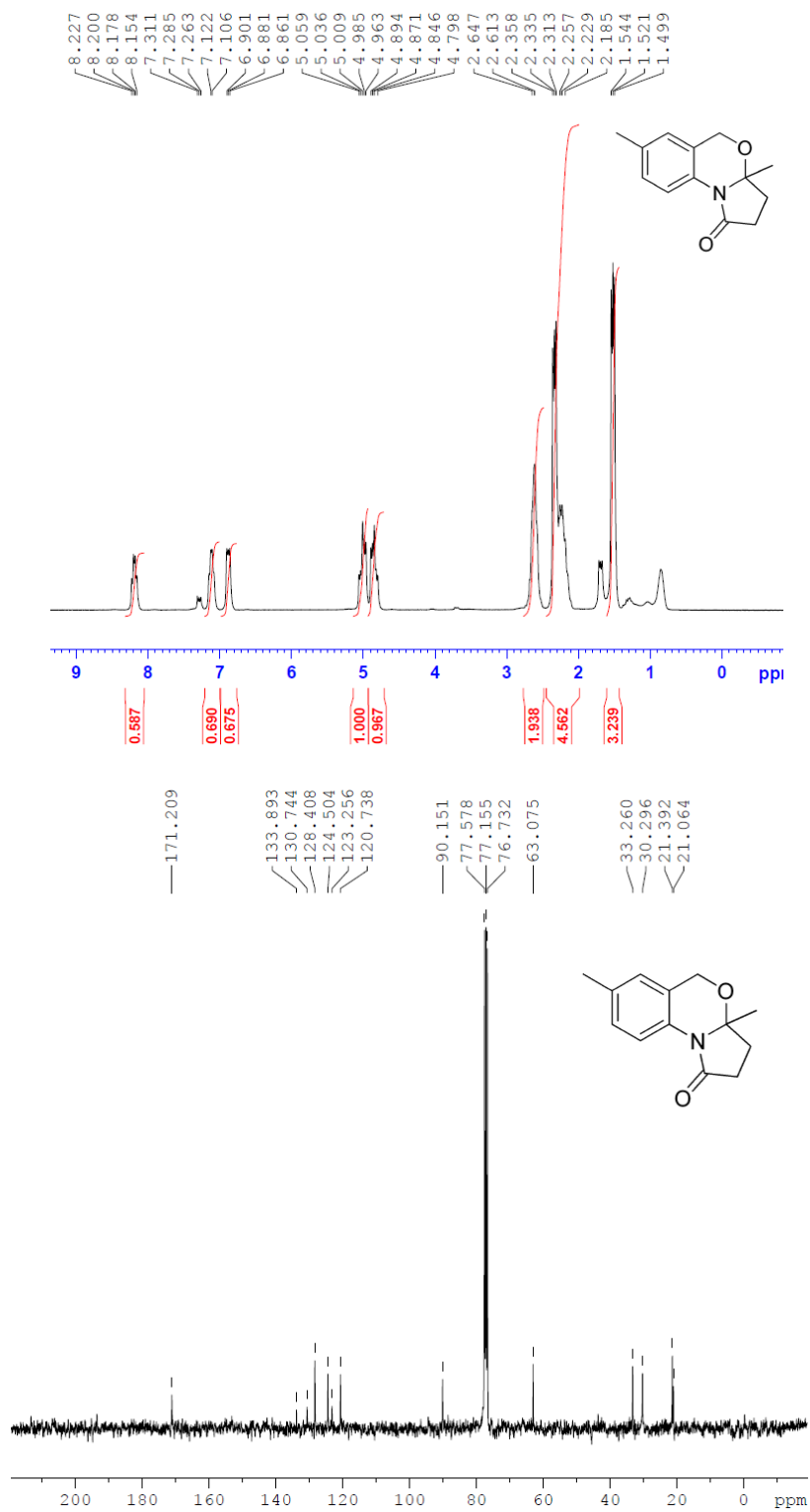
ajha@acadiau.ca

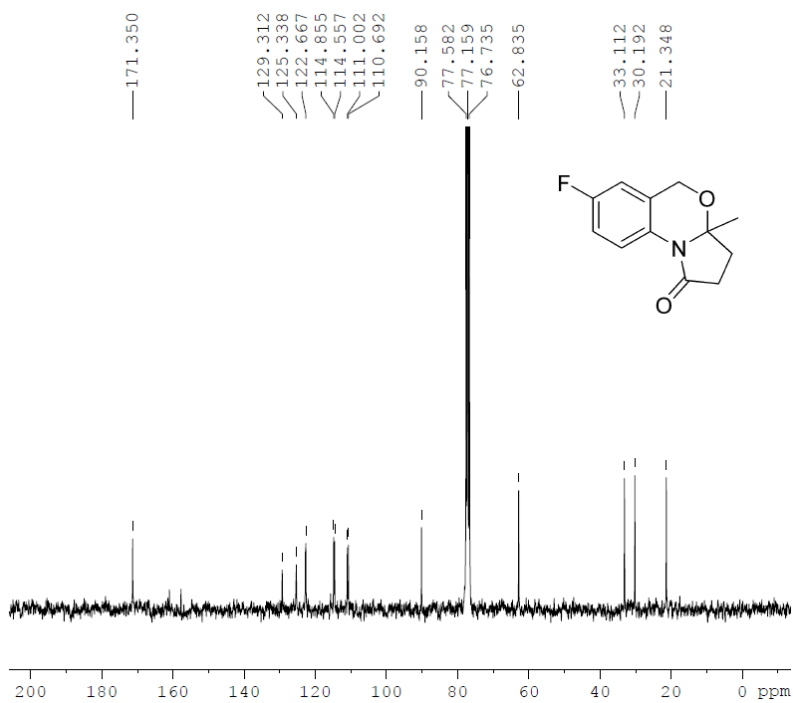
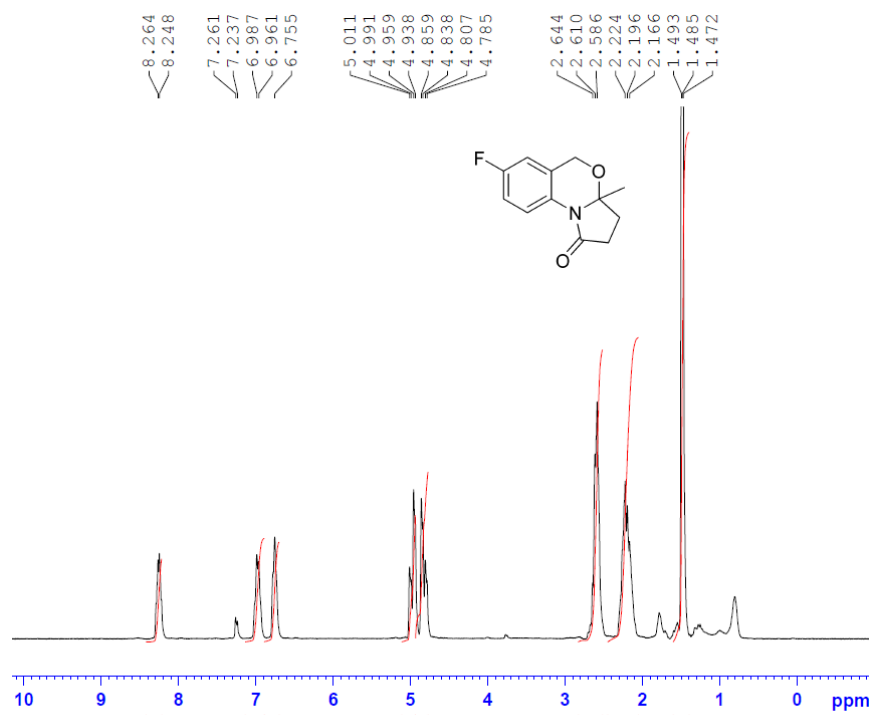
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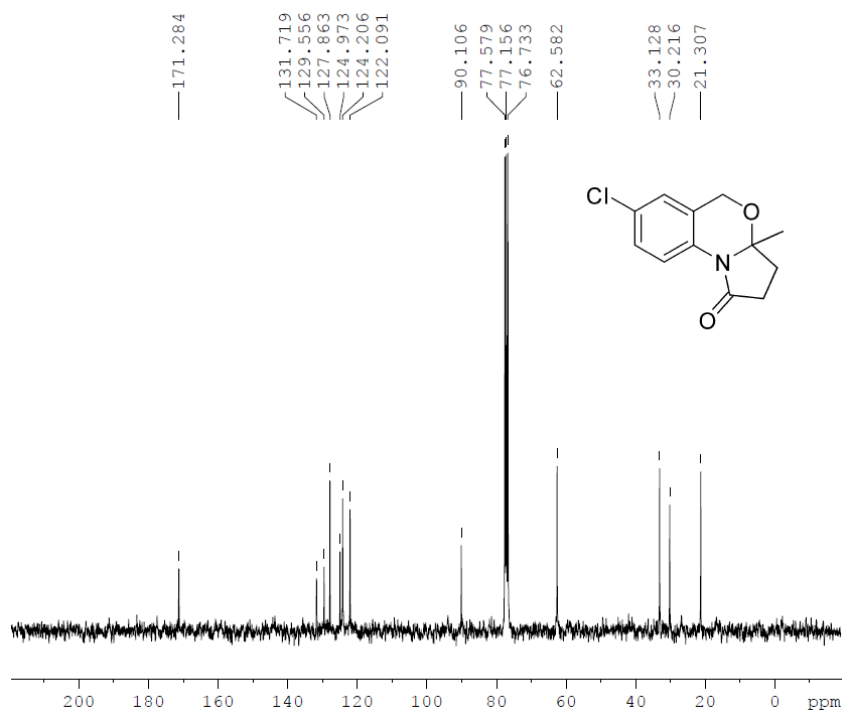
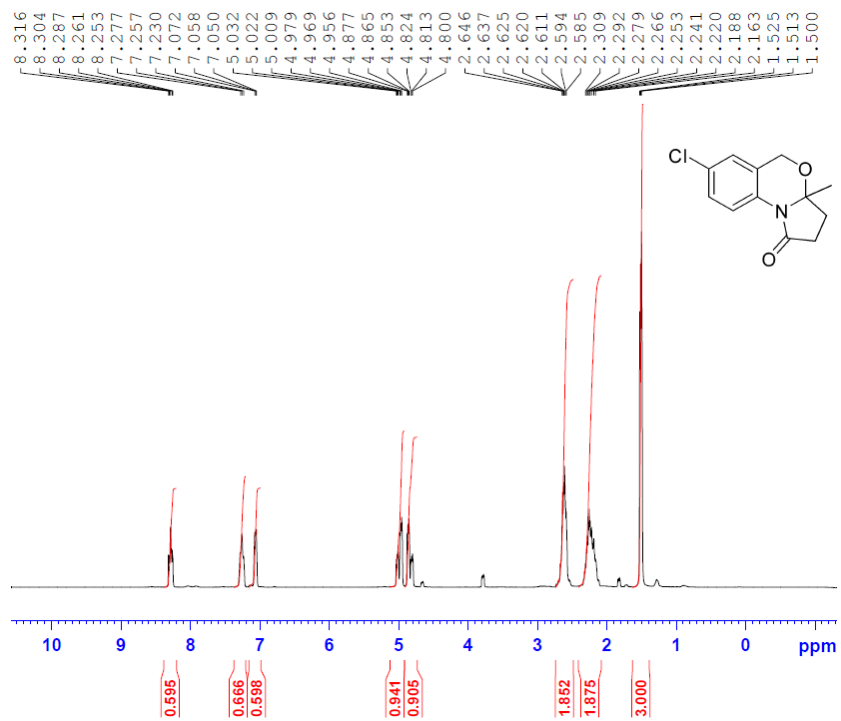
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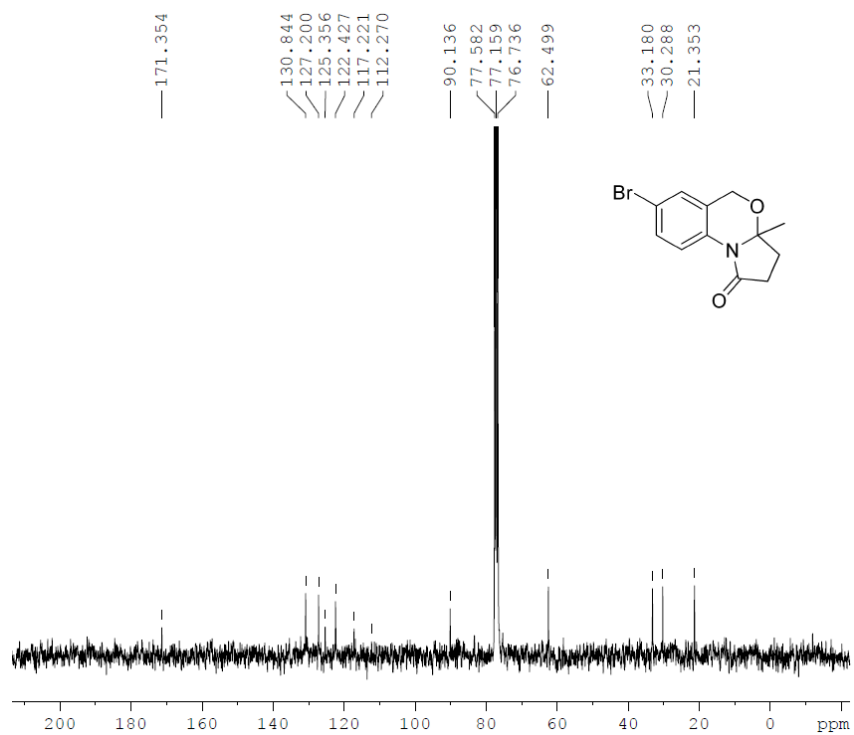
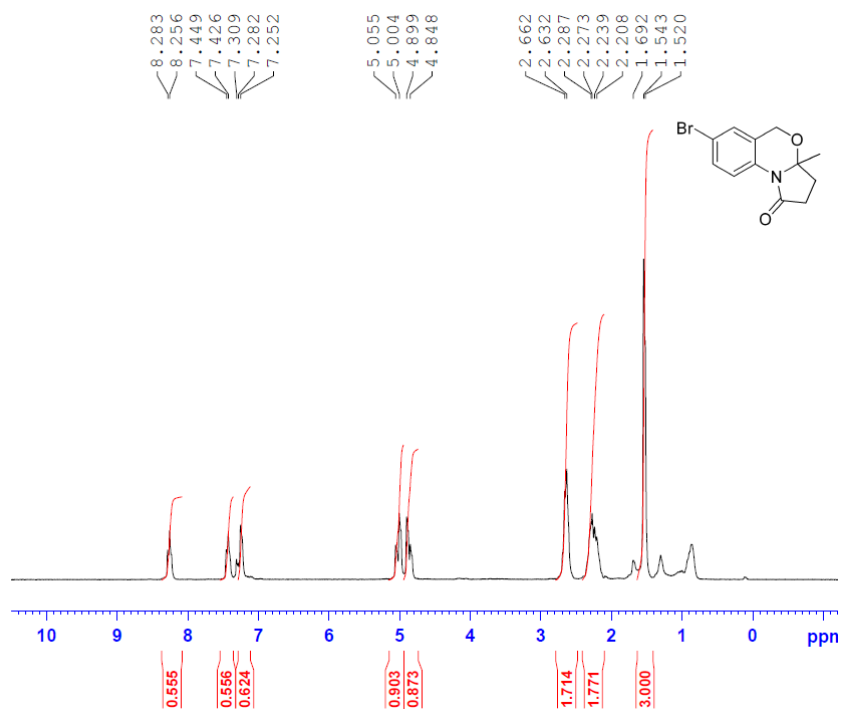
^1H and ^{13}C NMR spectra of **1a-1i**

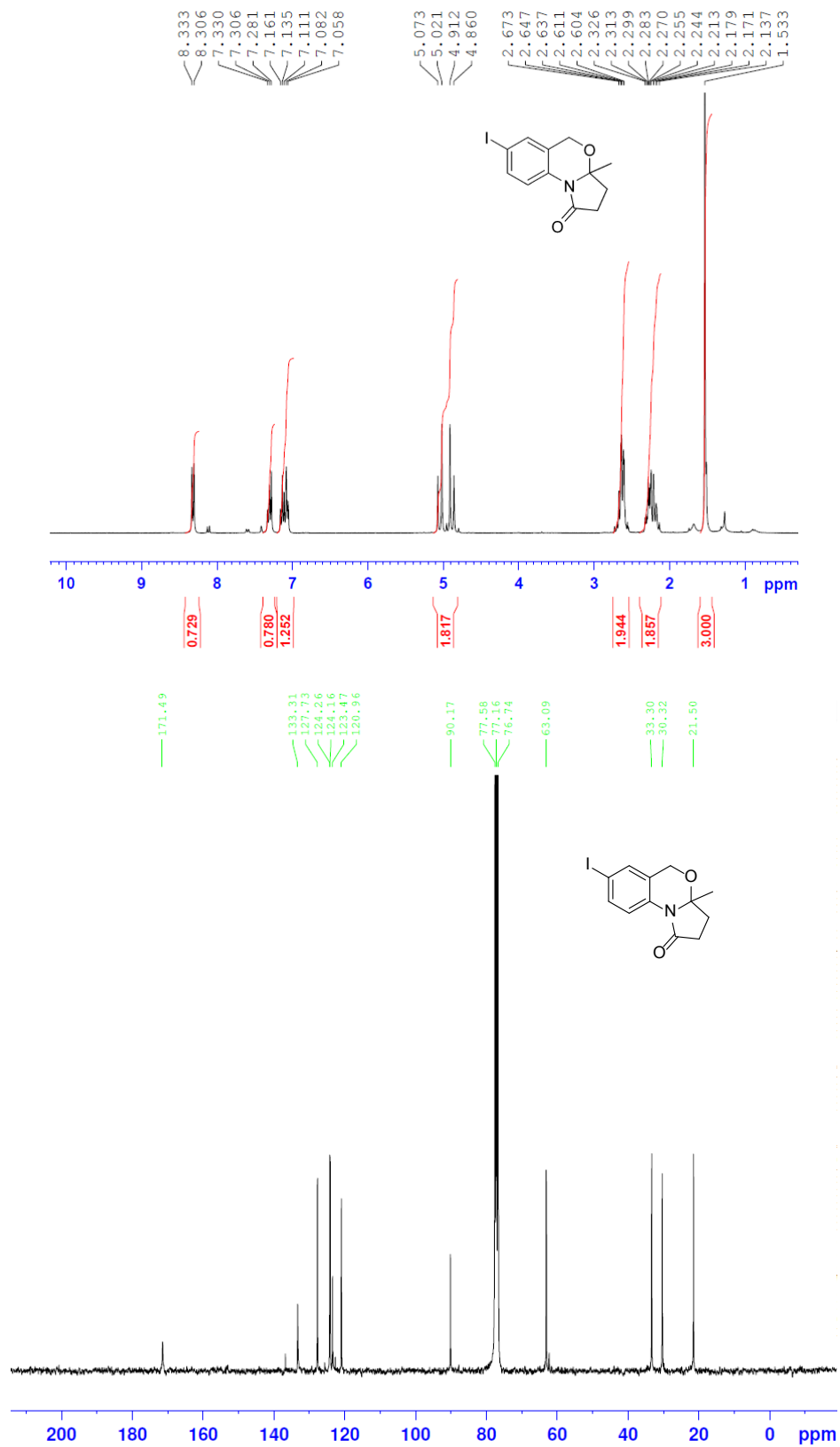


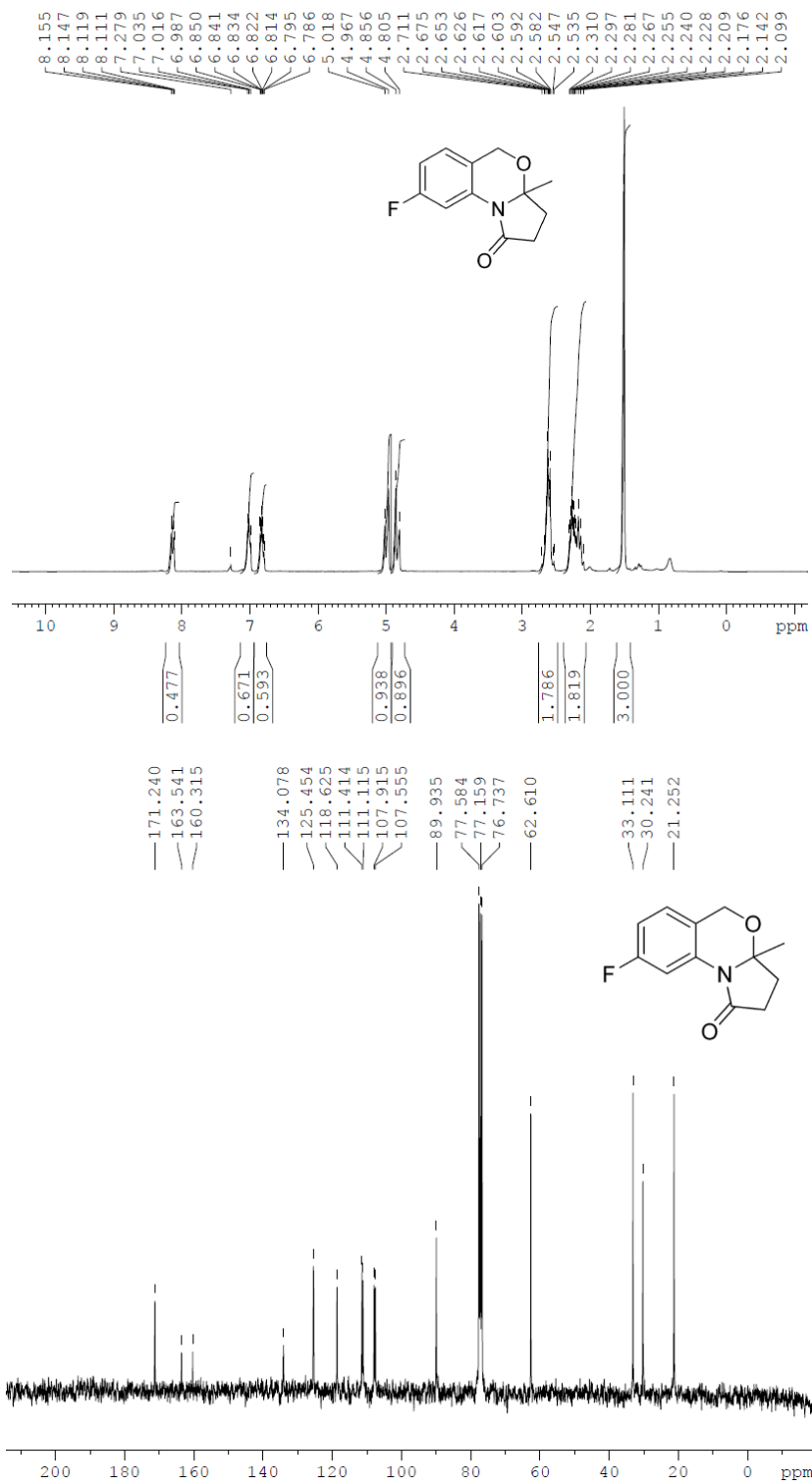


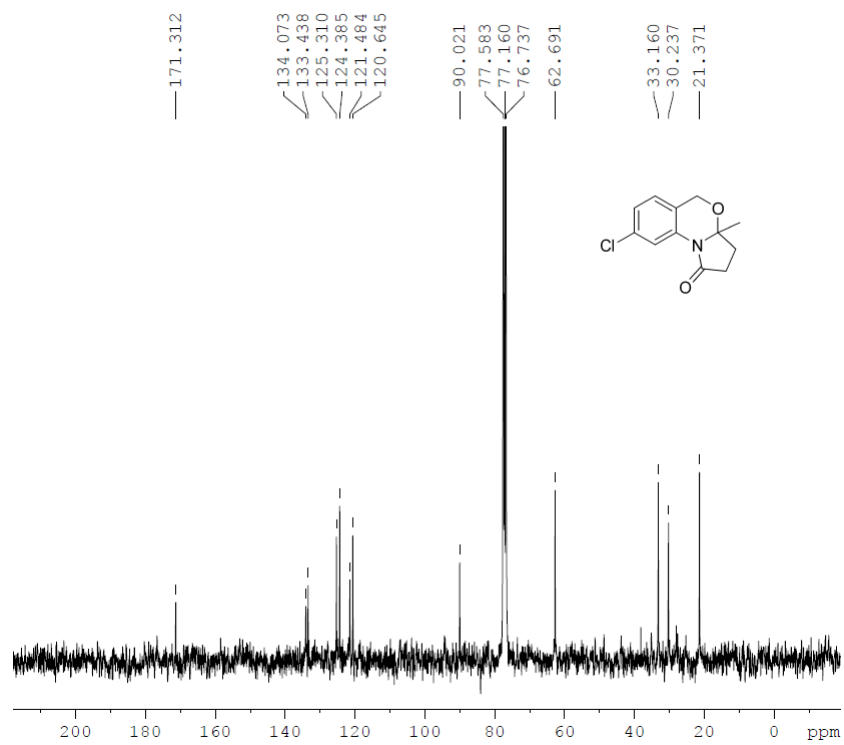
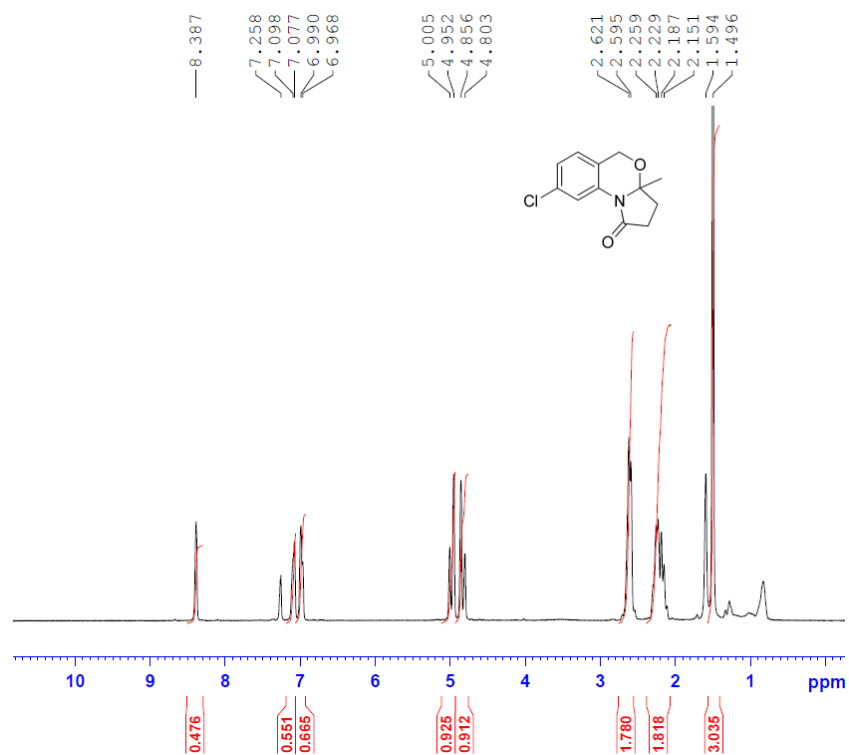


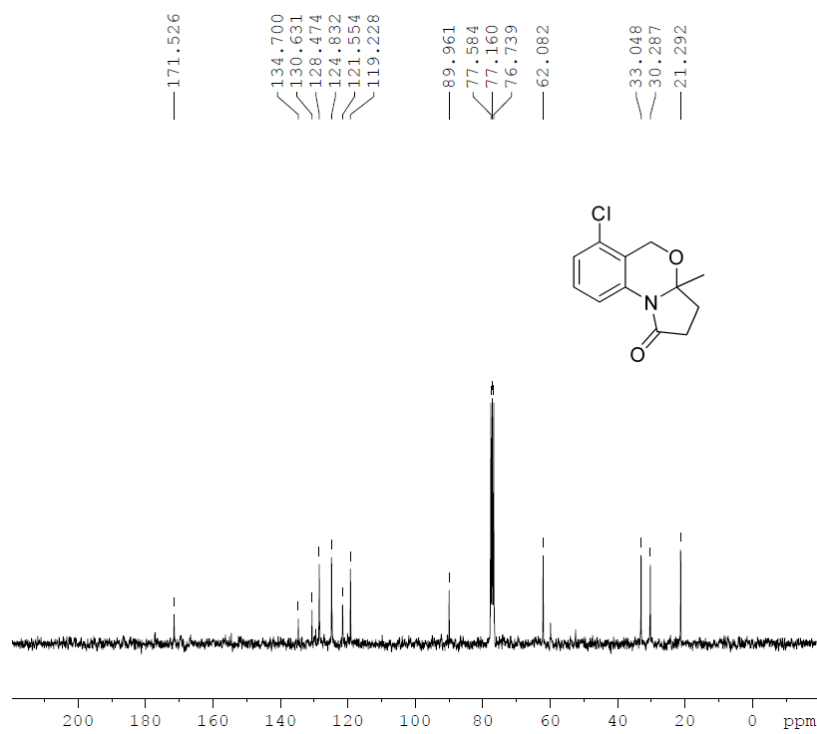
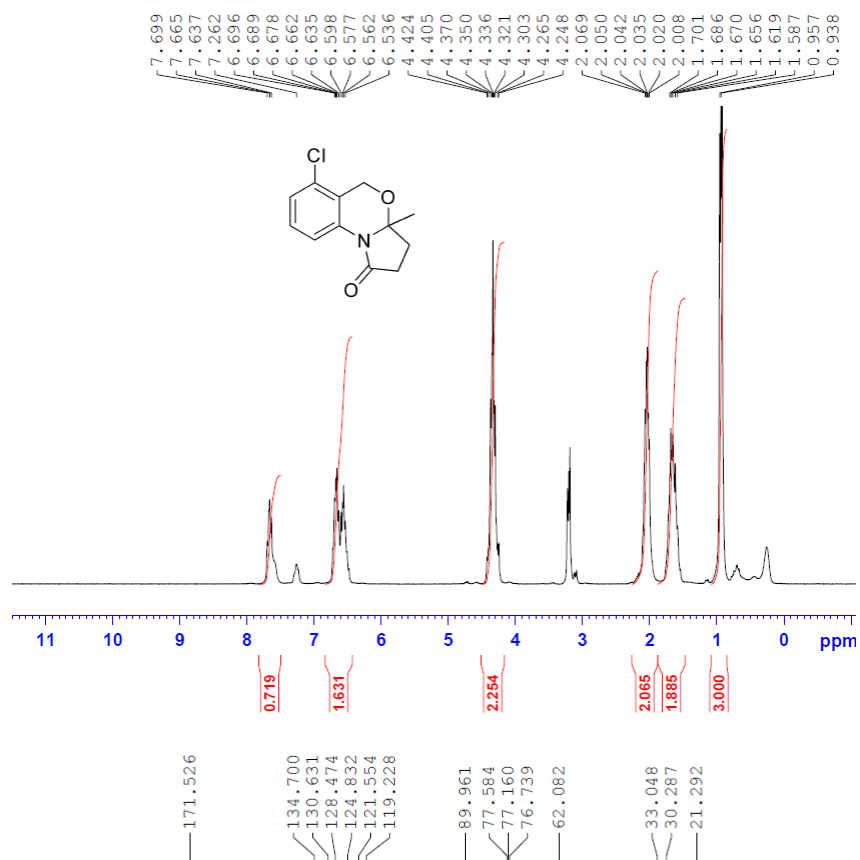




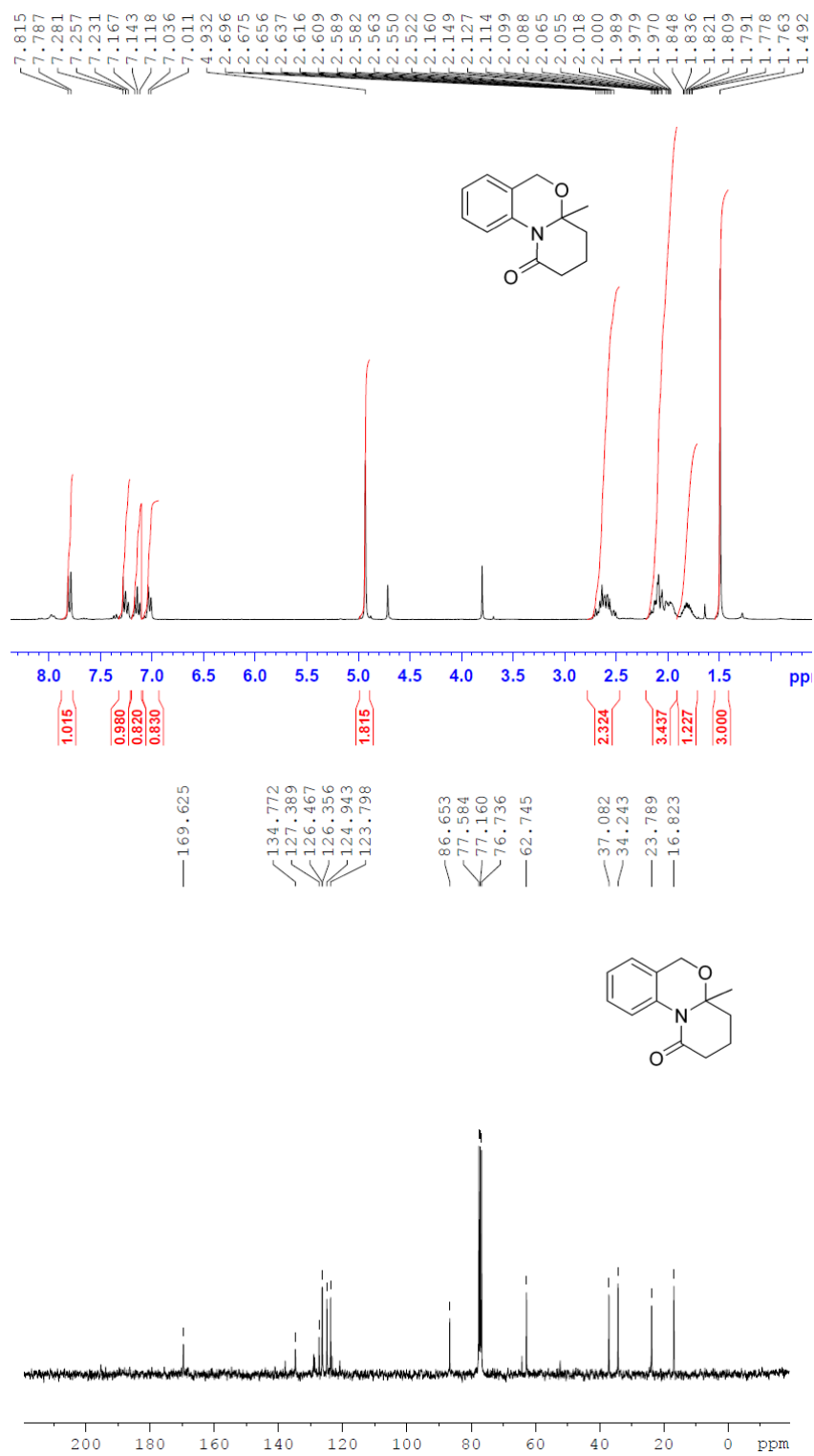


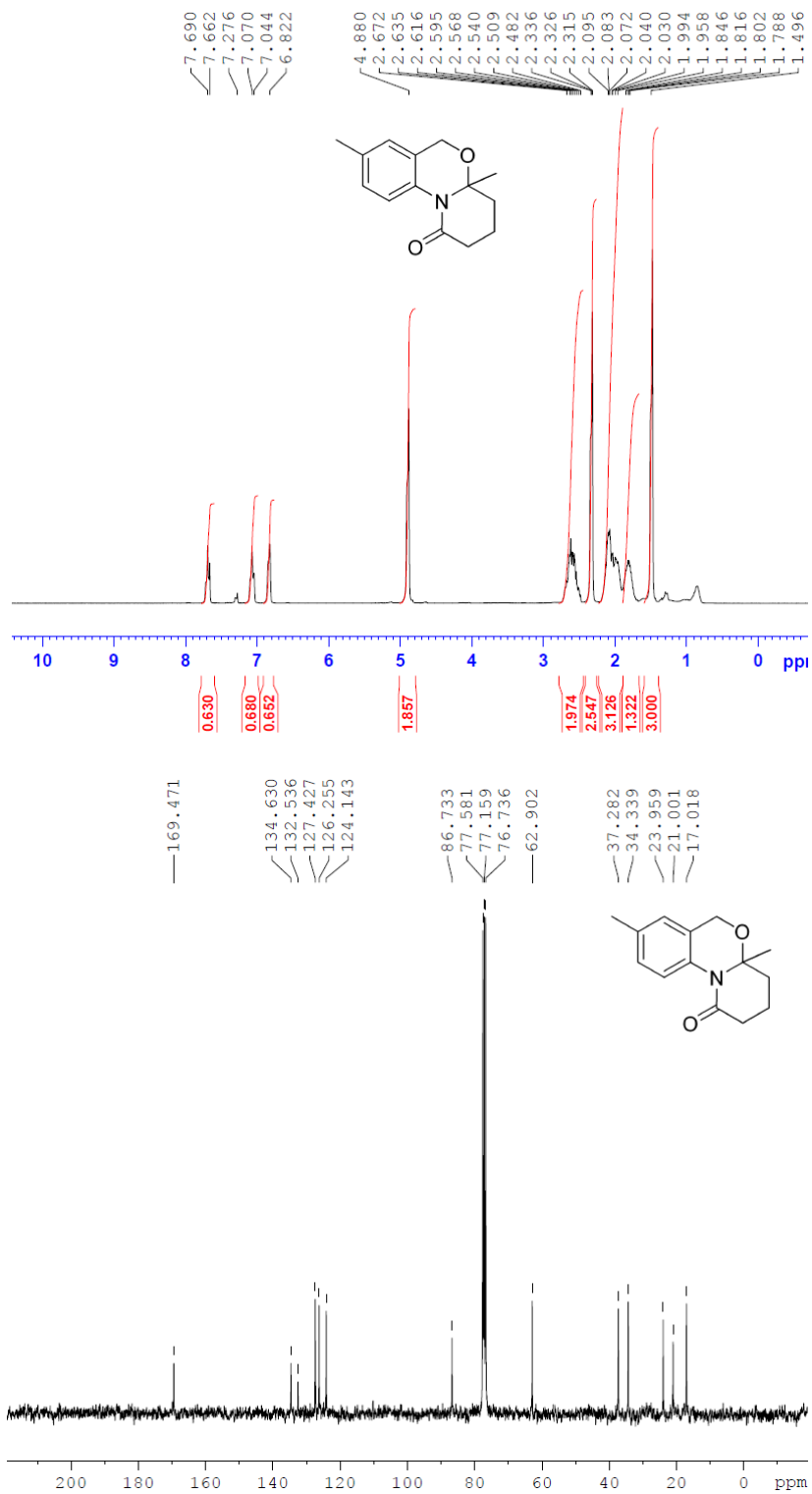


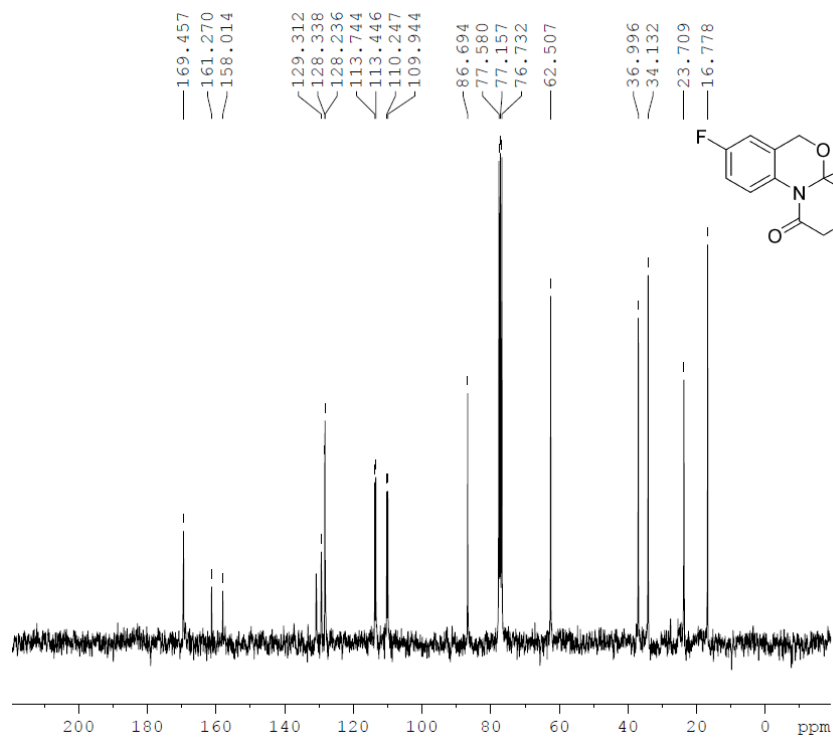
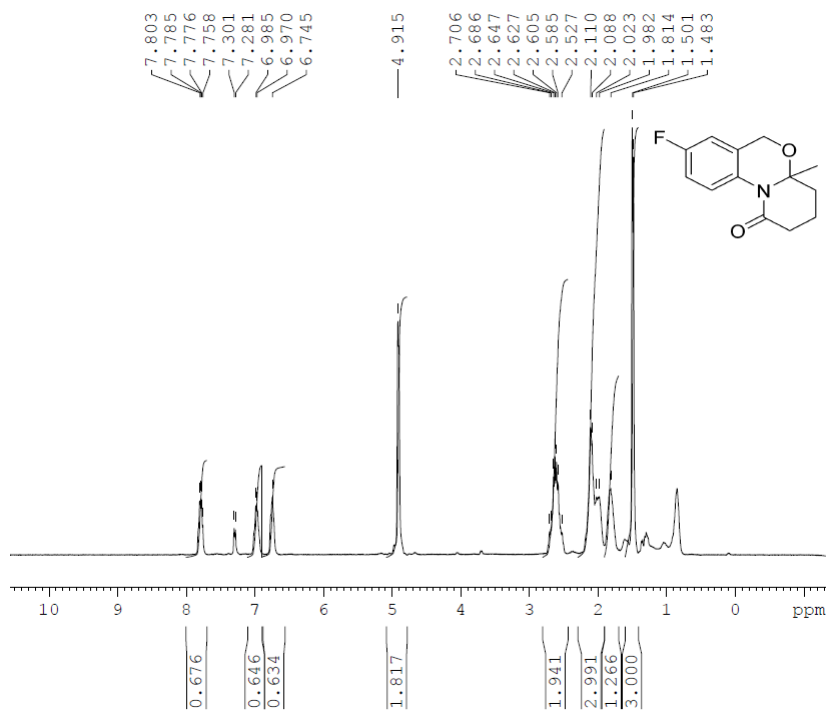


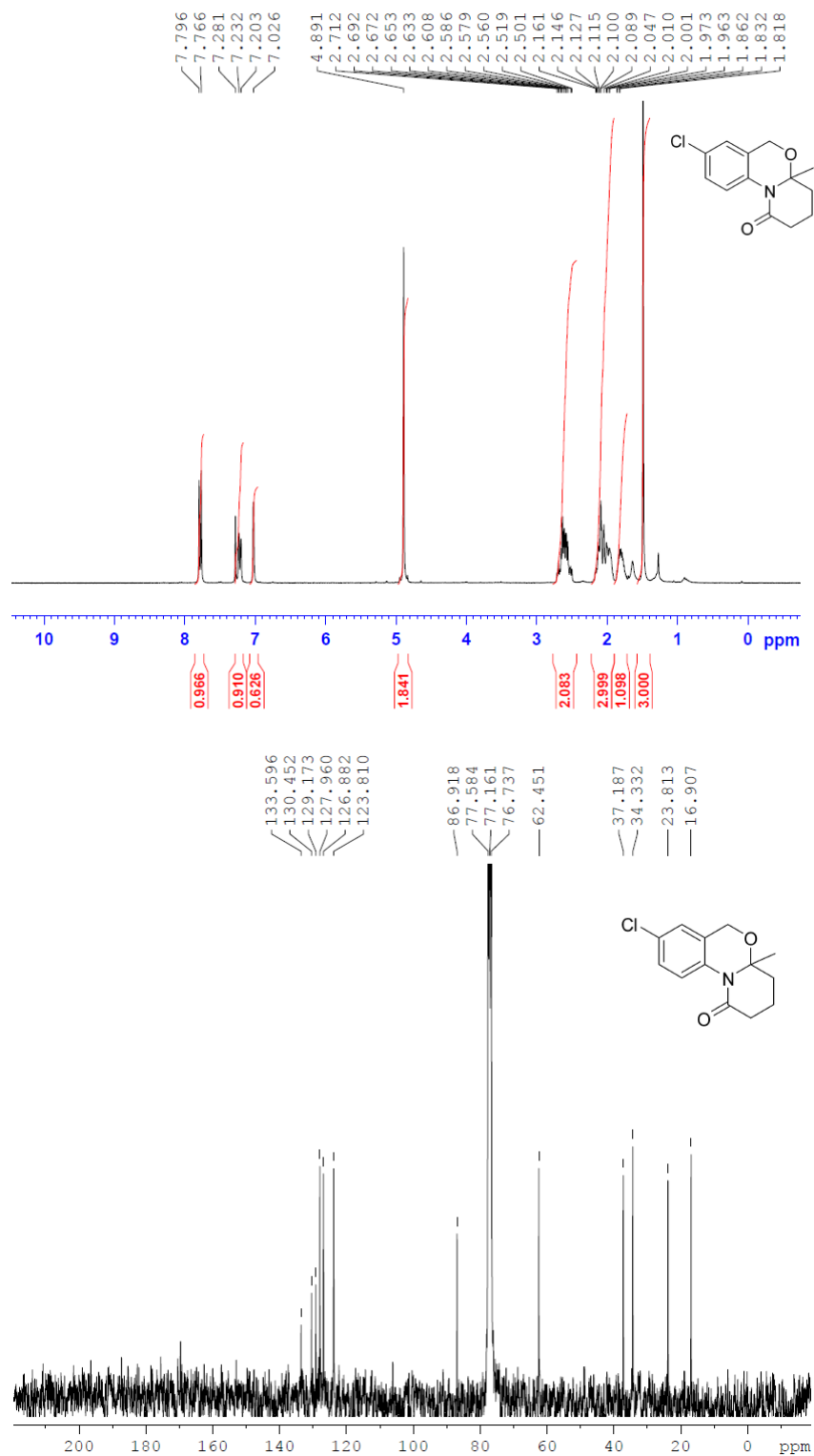


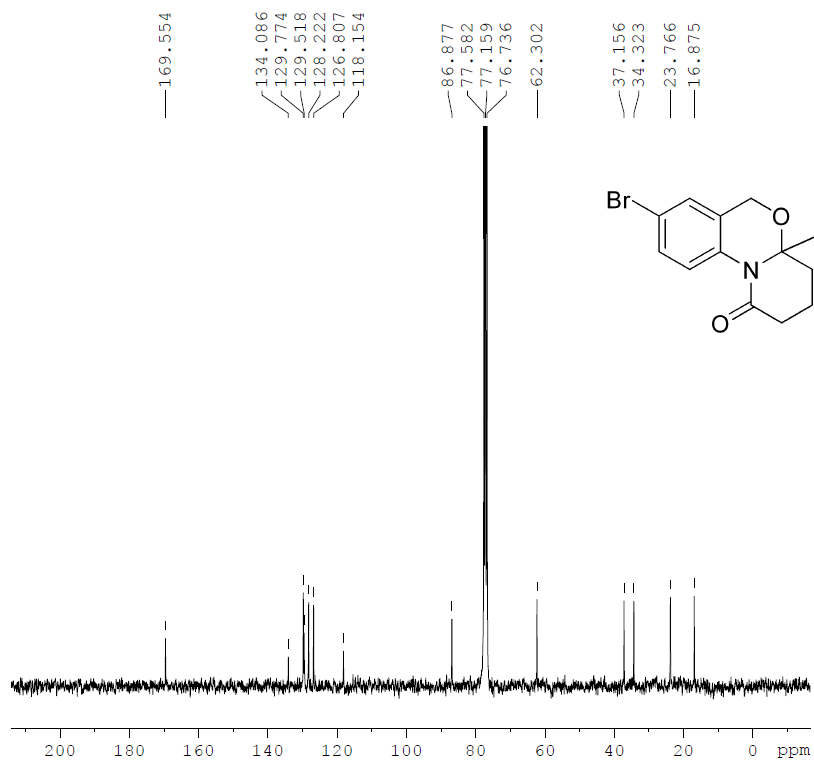
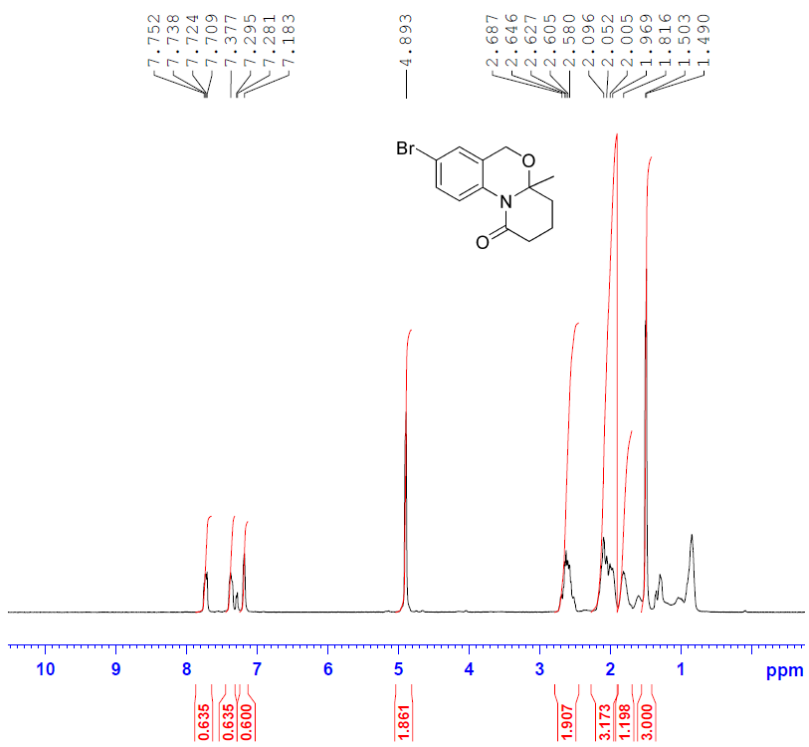
^1H and ^{13}C NMR spectra of **1a'**-**1i'**

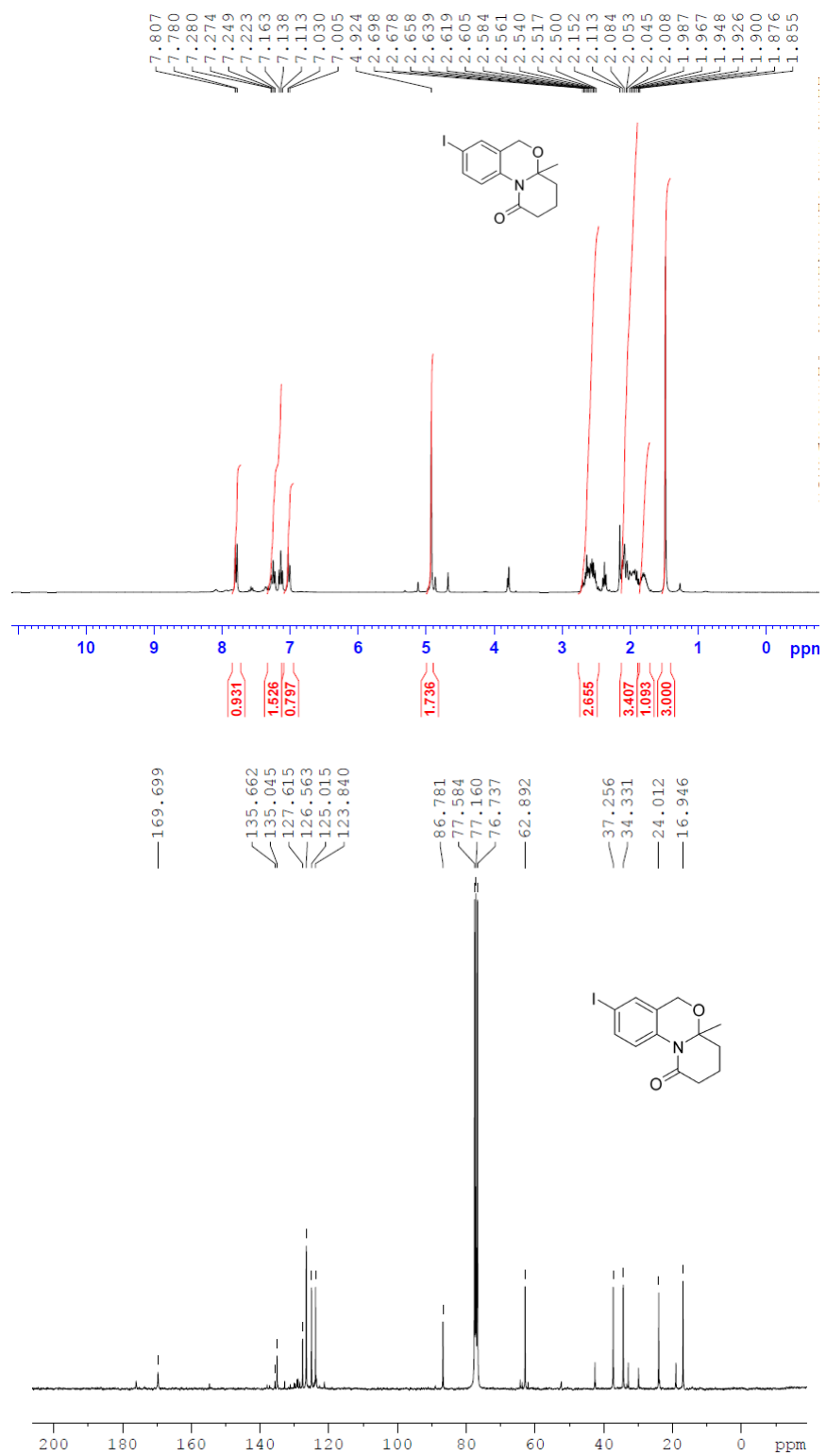


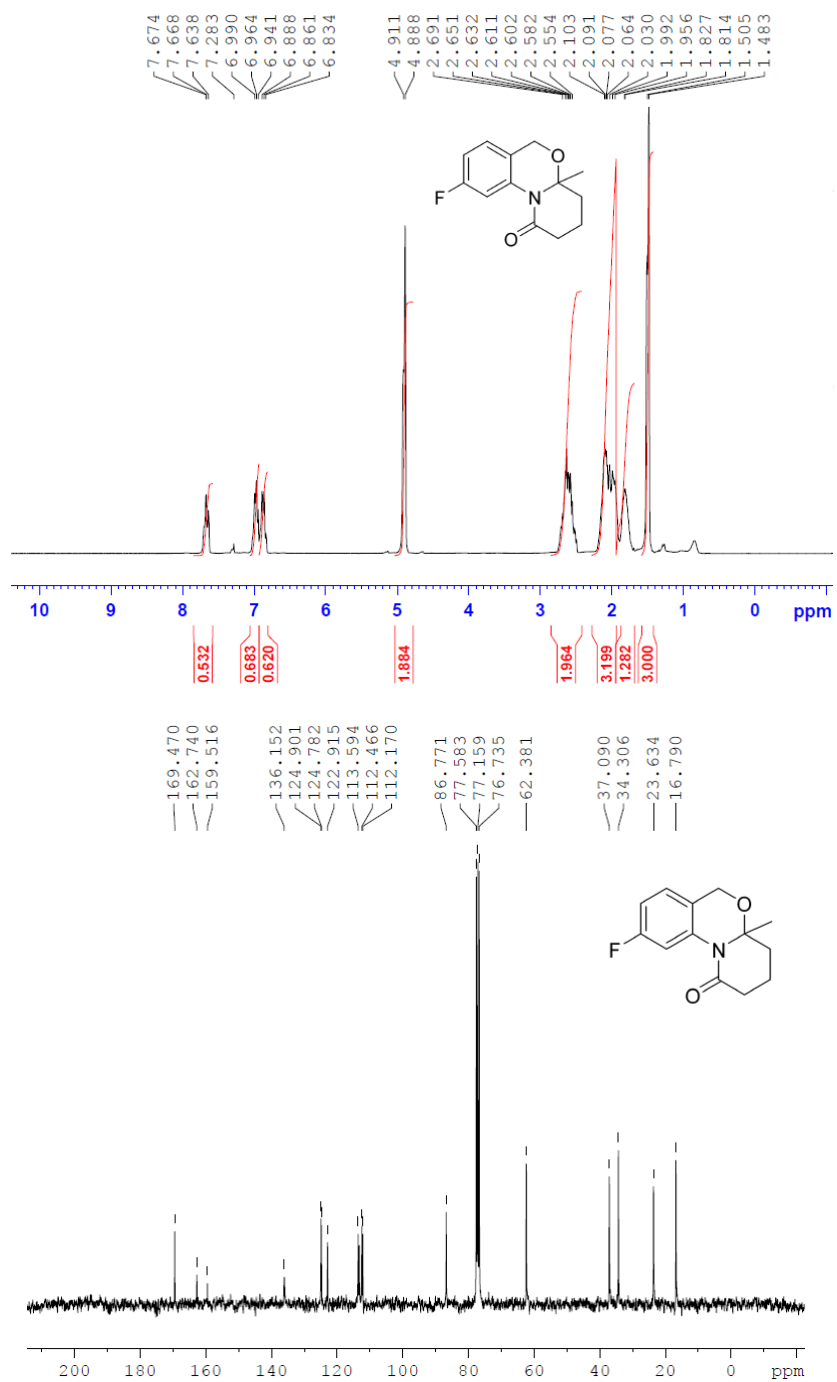


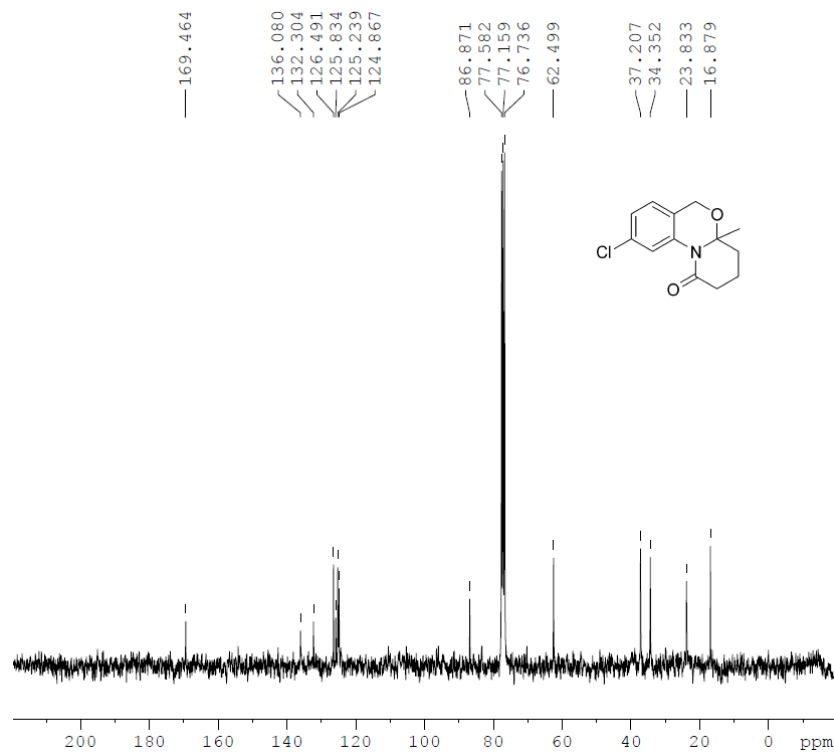
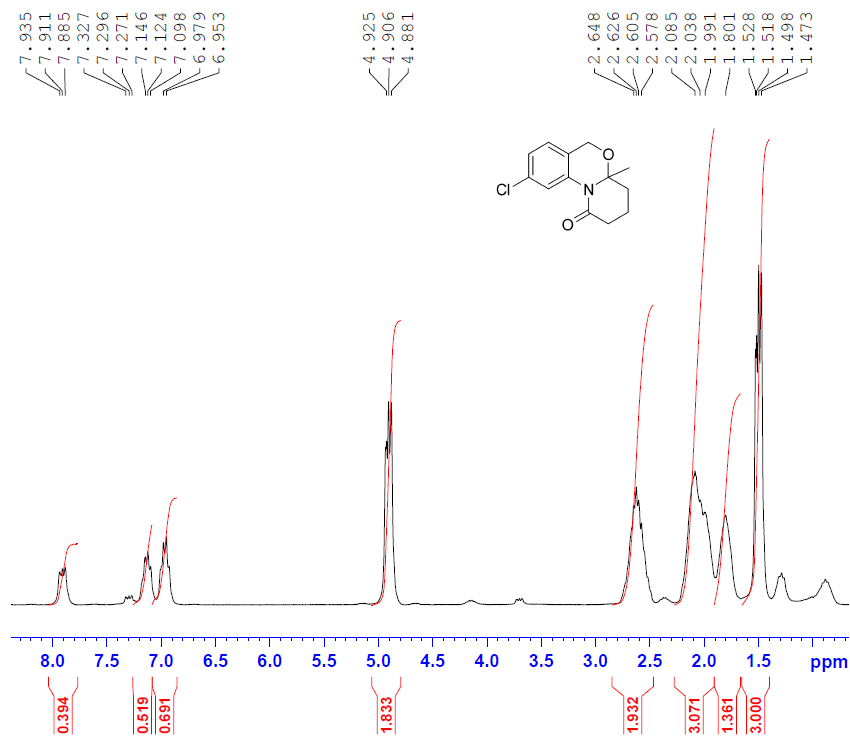


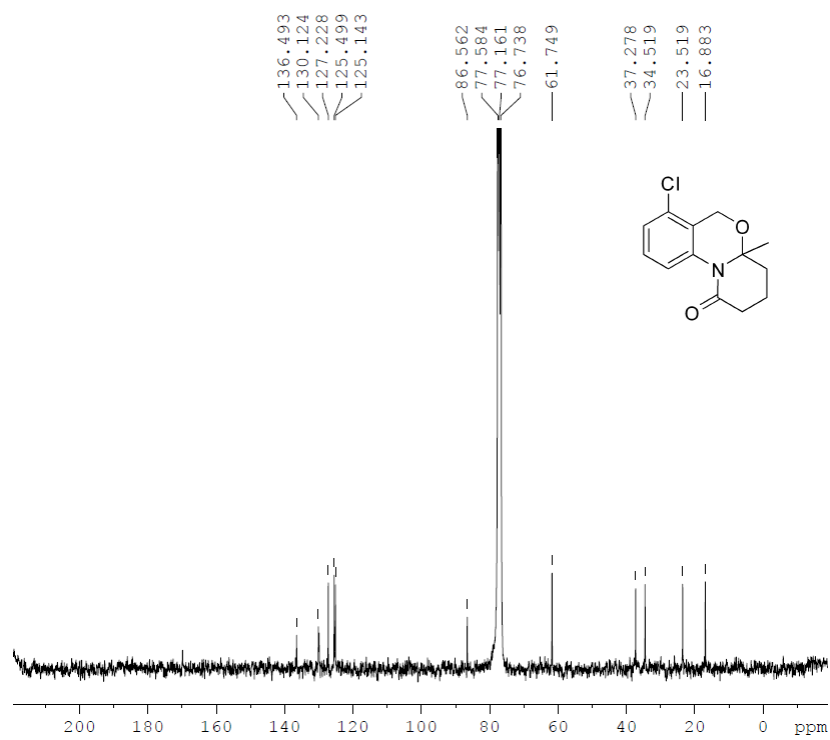
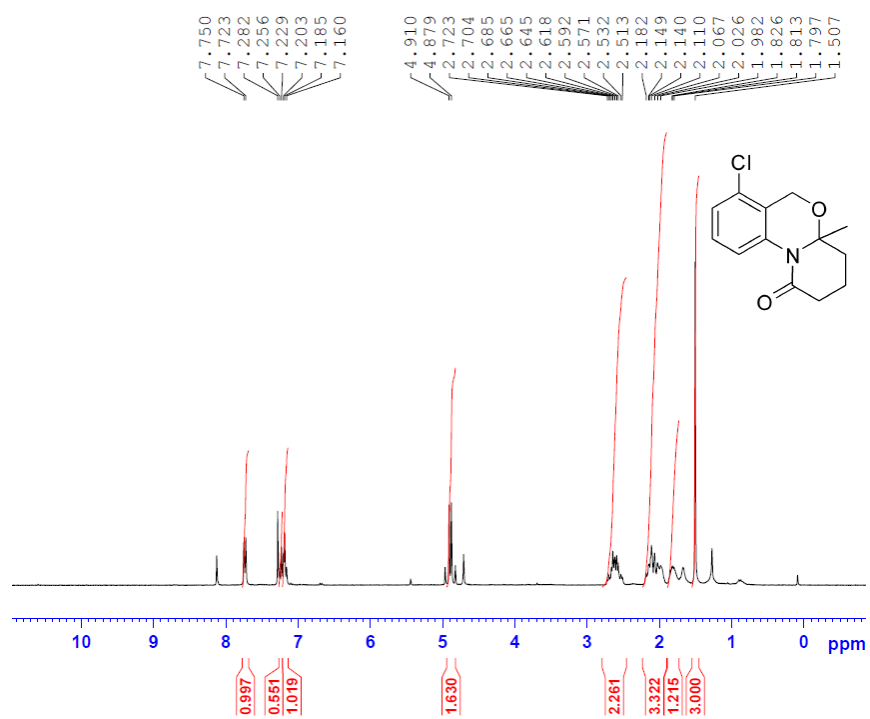












^1H and ^{13}C NMR spectra of **2a**, **2b**, **2c**, **3a** and **3b**

