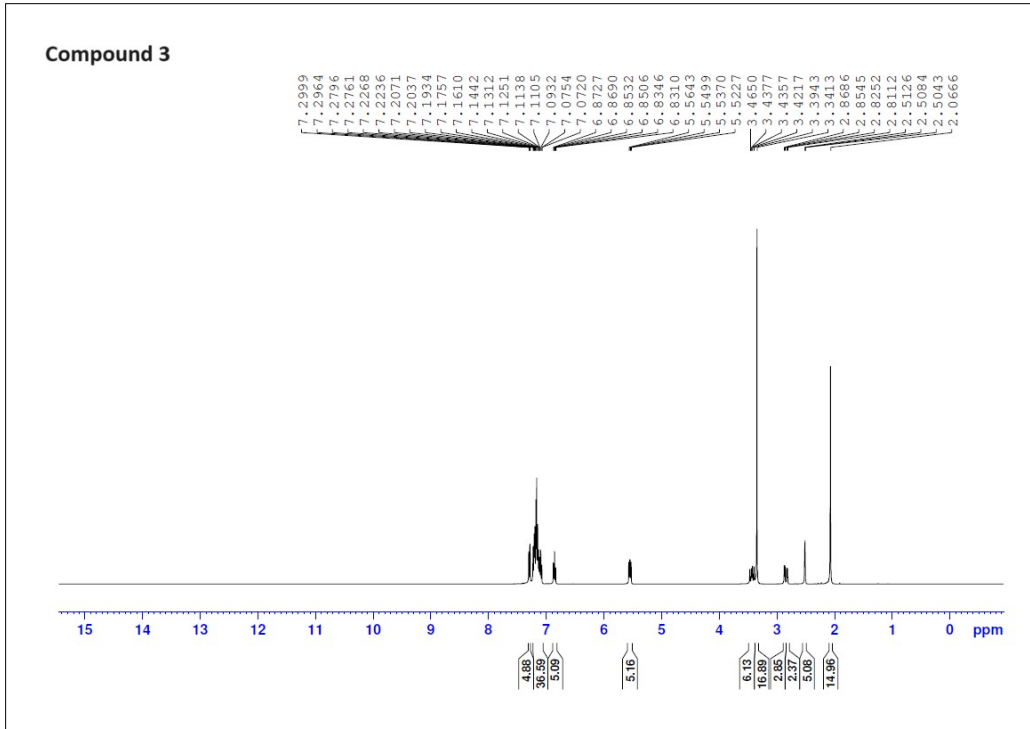


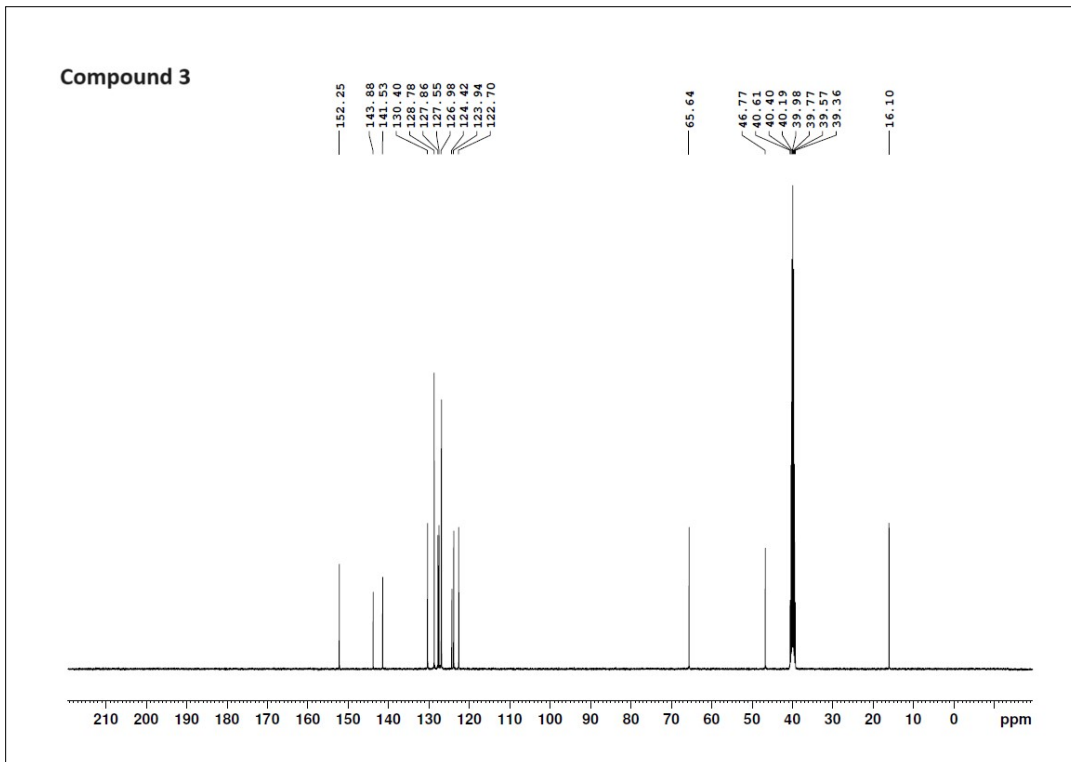
**Design, synthesis and molecular modeling of naturally based pyrazoline derivatives as aminopeptidase N, VEGFR2 and MMP9 inhibitors**

Rasha Z. Batran<sup>1</sup>, Eman Y. Ahmed<sup>1,\*</sup>, Hanem M. Awad<sup>2</sup>, Nehad A. Abdel Latif<sup>1,\*</sup>

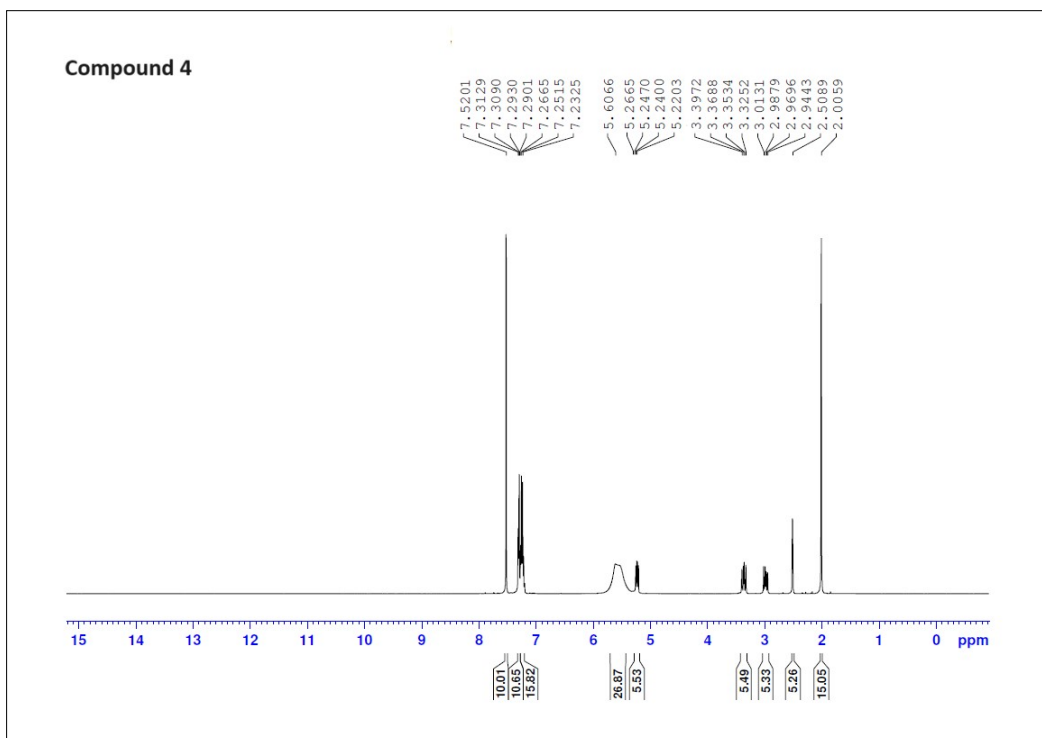
- **<sup>1</sup>HNMR and <sup>13</sup>CNMR of the newly synthesized compounds.**



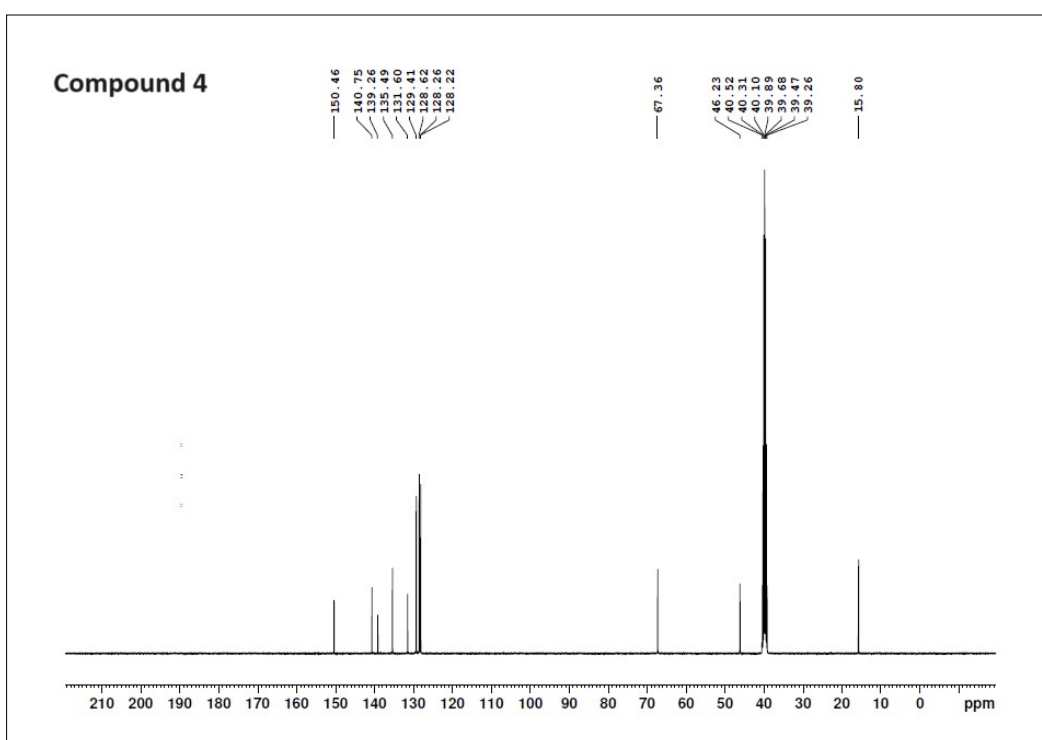
**<sup>1</sup>H NMR of compound 3**



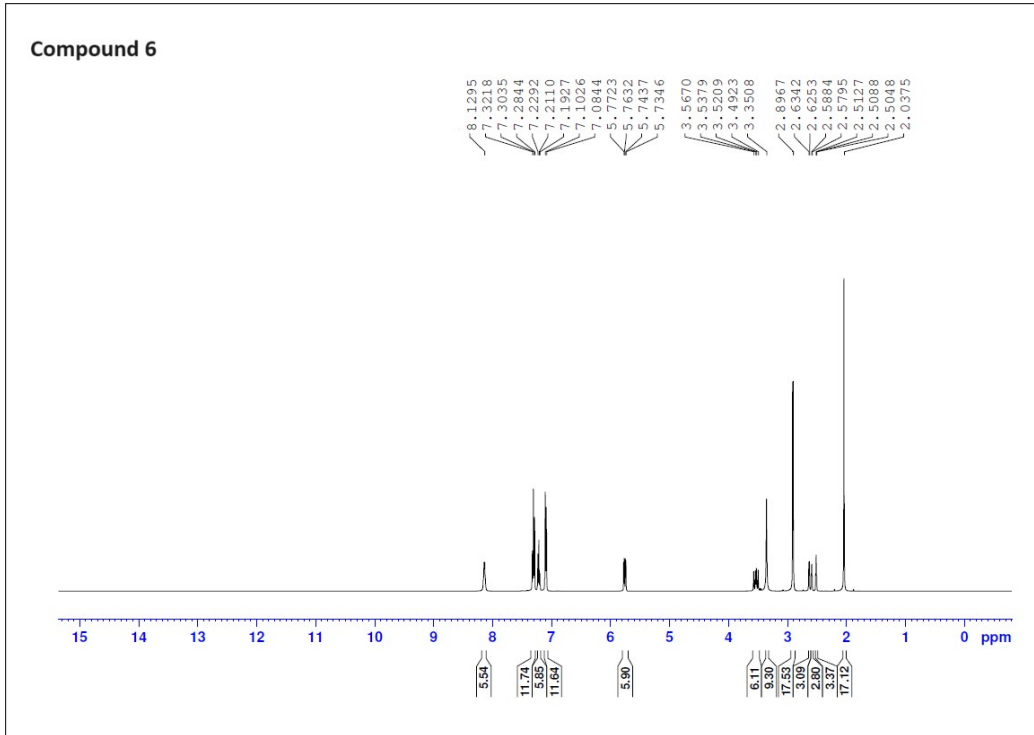
**<sup>13</sup>C NMR of compound 3**



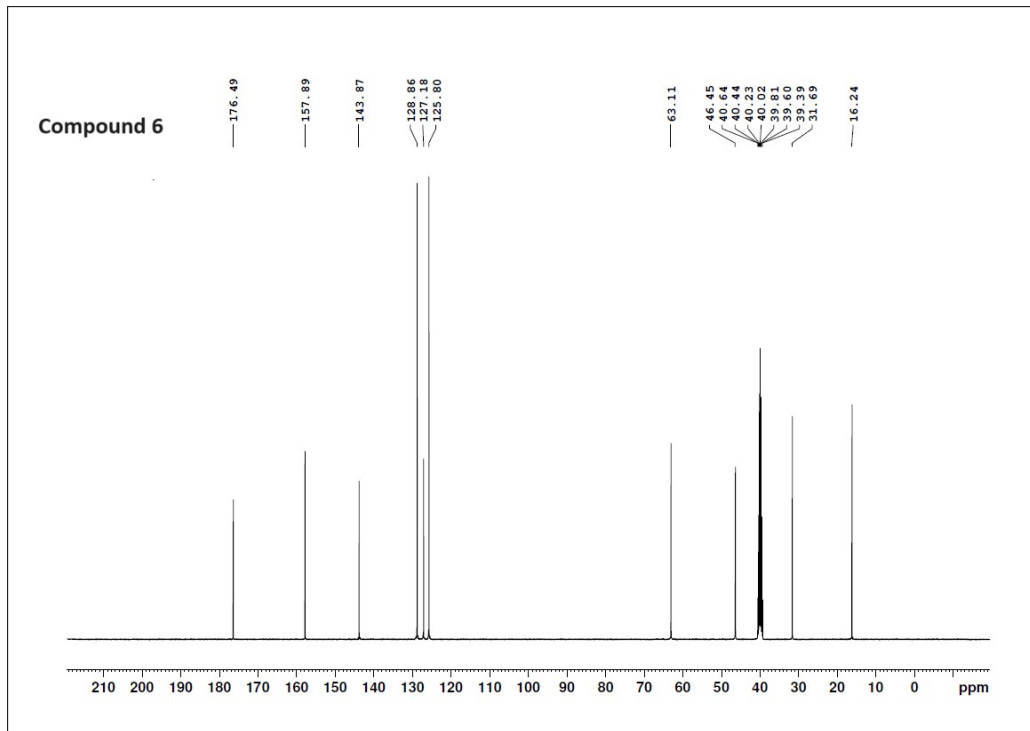
**<sup>1</sup>H NMR of compound 4**



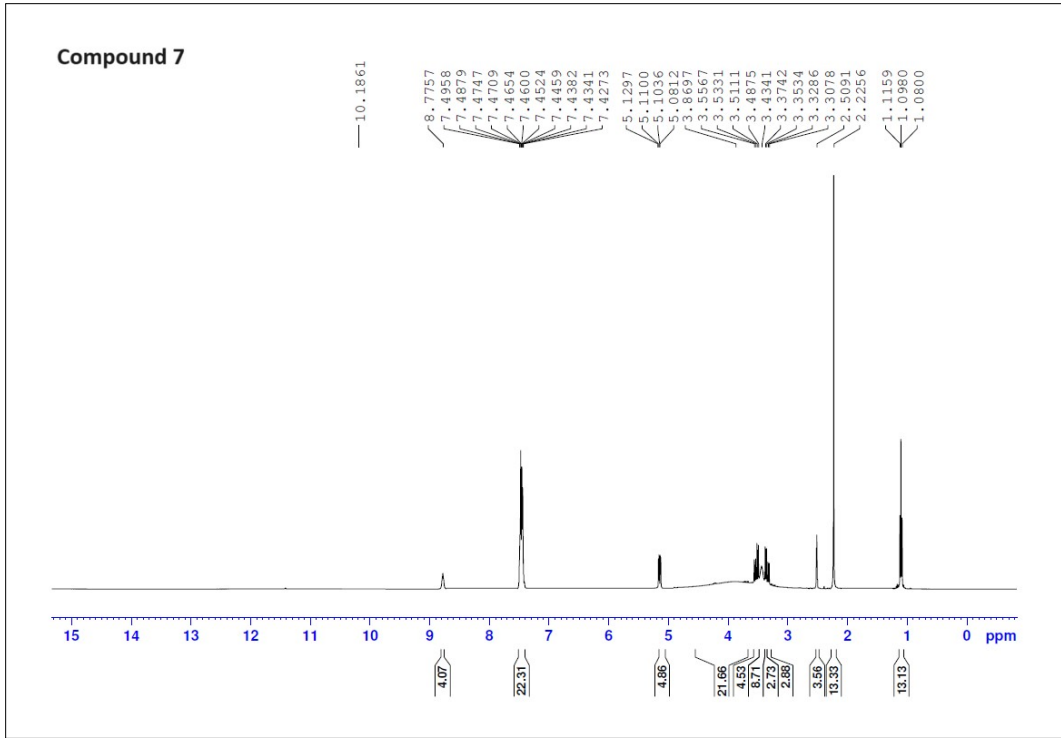
**<sup>13</sup>C NMR of compound 4**



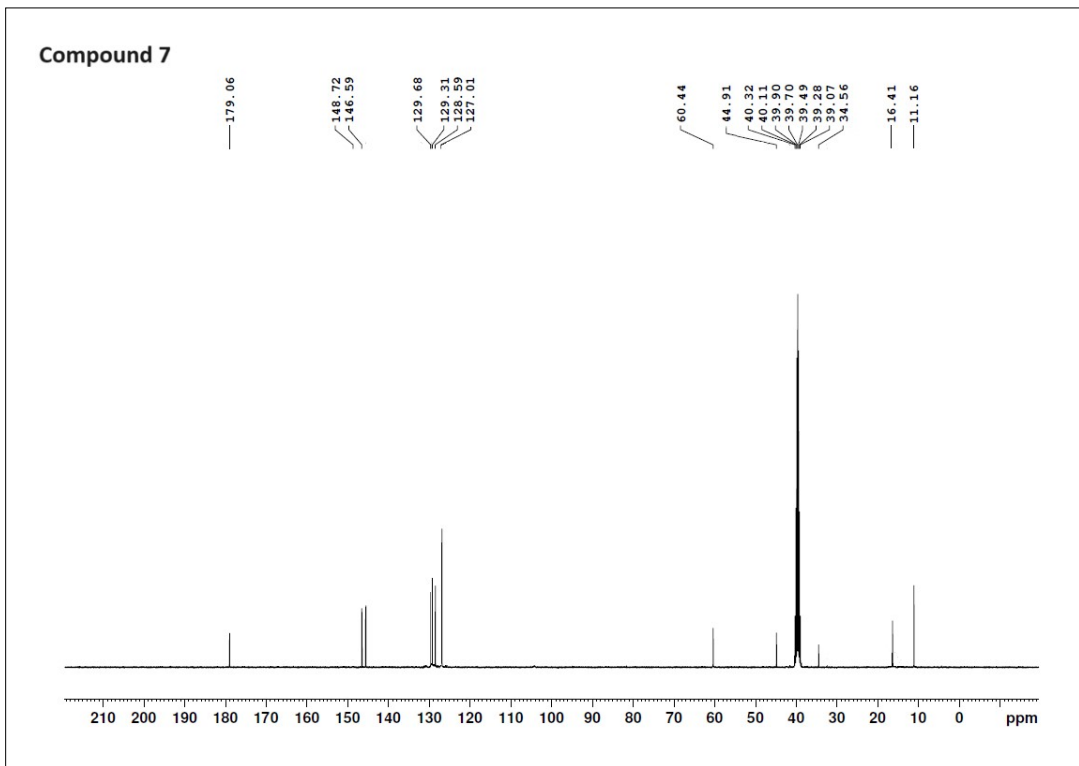
**<sup>1</sup>H NMR of compound 6**



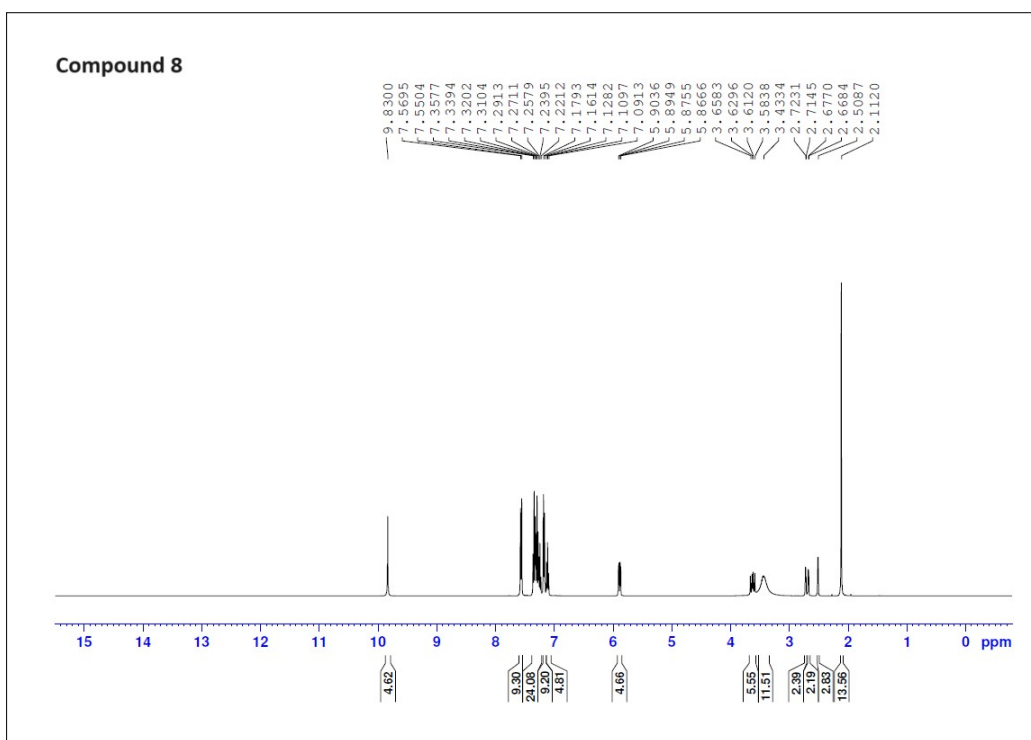
**<sup>13</sup>C NMR of compound 6**



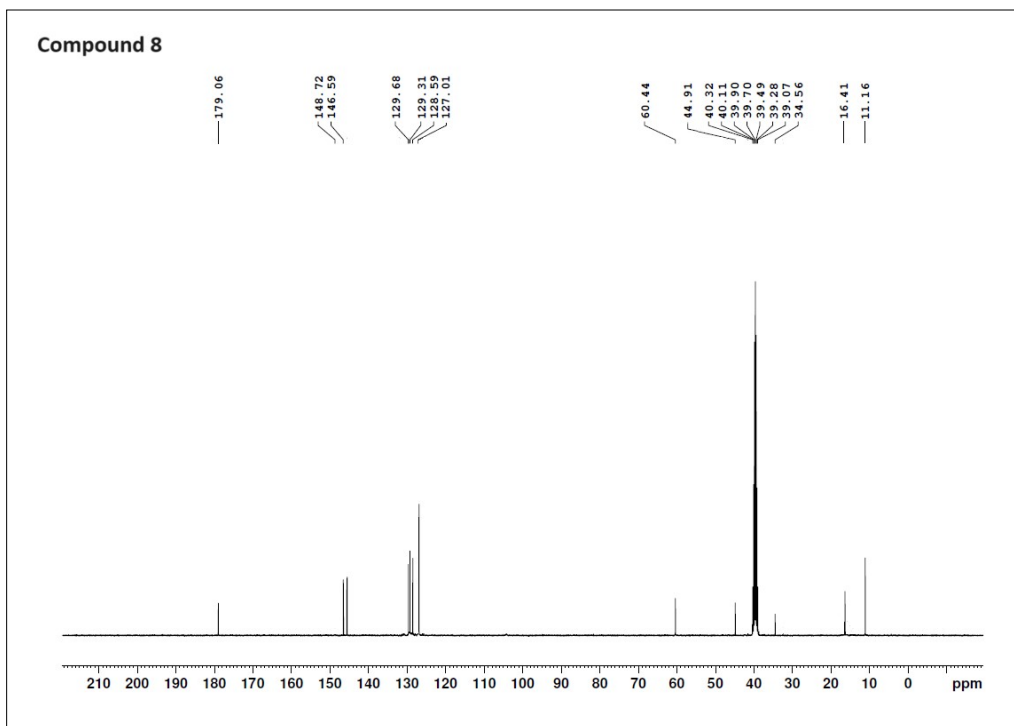
**<sup>1</sup>H NMR of compound 7**



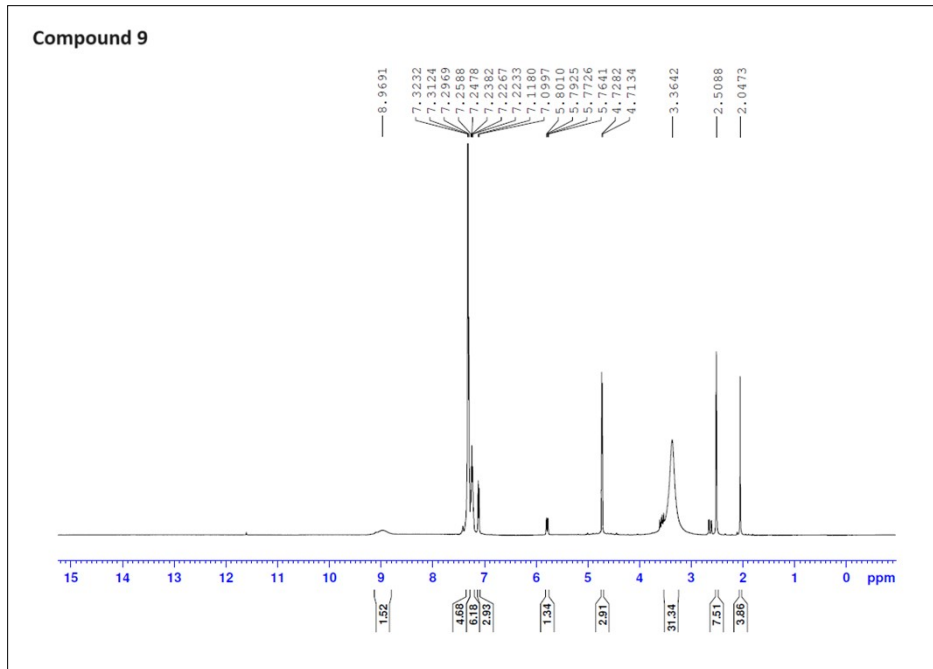
**<sup>13</sup>C NMR of compound 7**



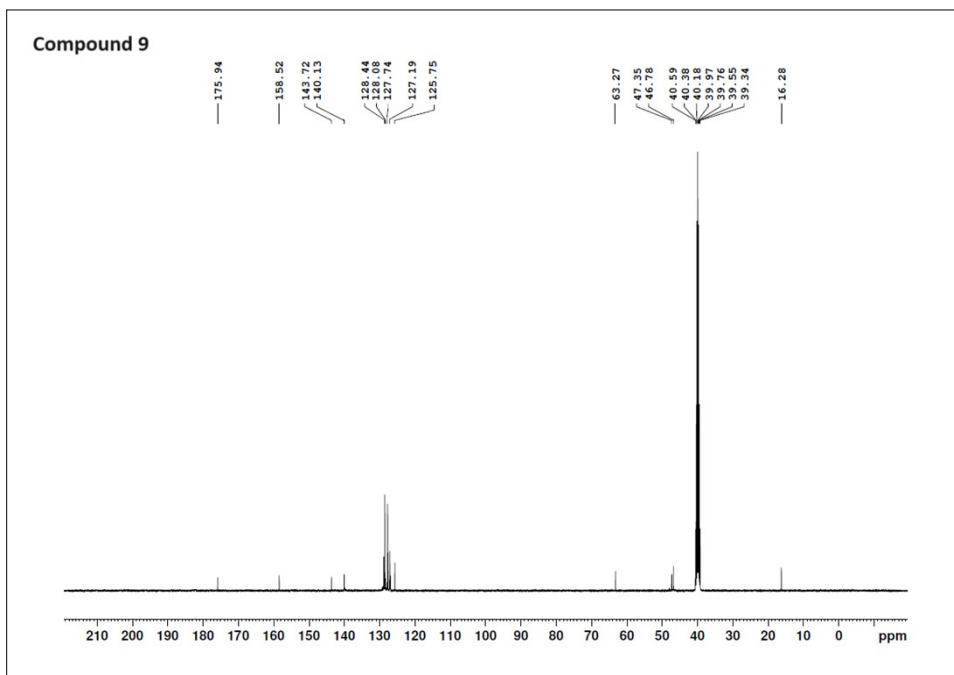
**<sup>1</sup>H NMR of compound 8**



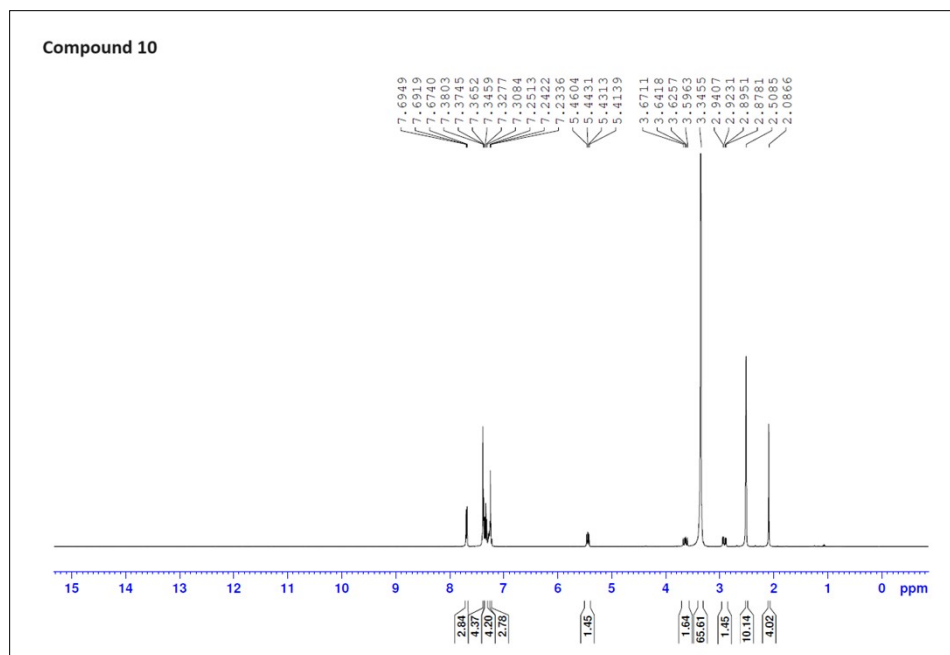
**<sup>13</sup>C NMR of compound 8**



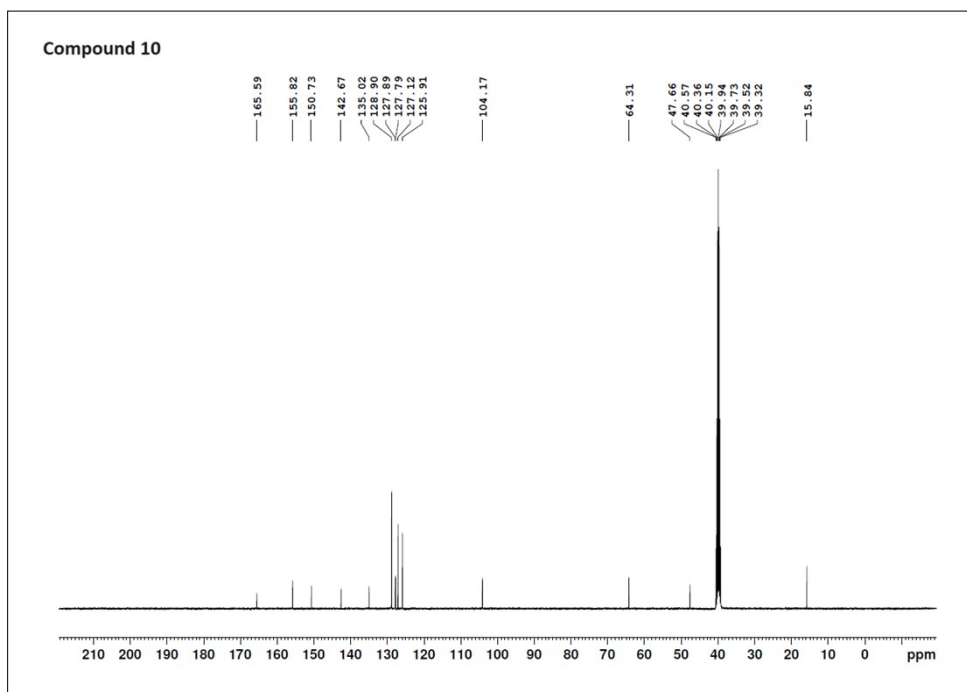
**$^1\text{H}$ NMR of compound 9**



**$^{13}\text{C}$ NMR of compound 9**

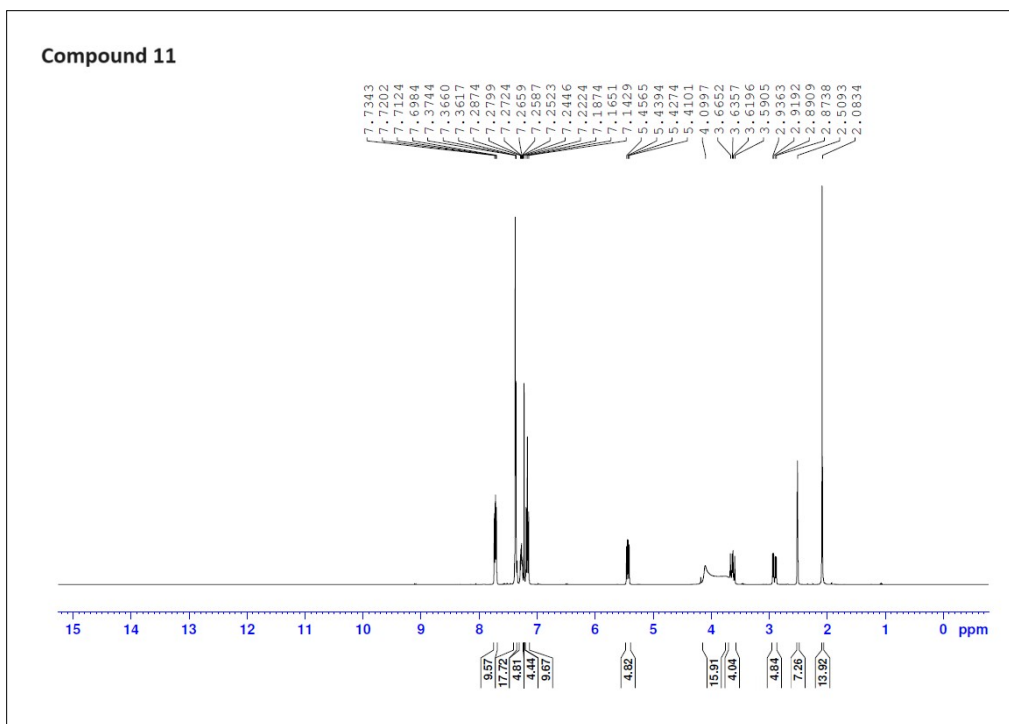


**<sup>1</sup>H NMR of compound 10**

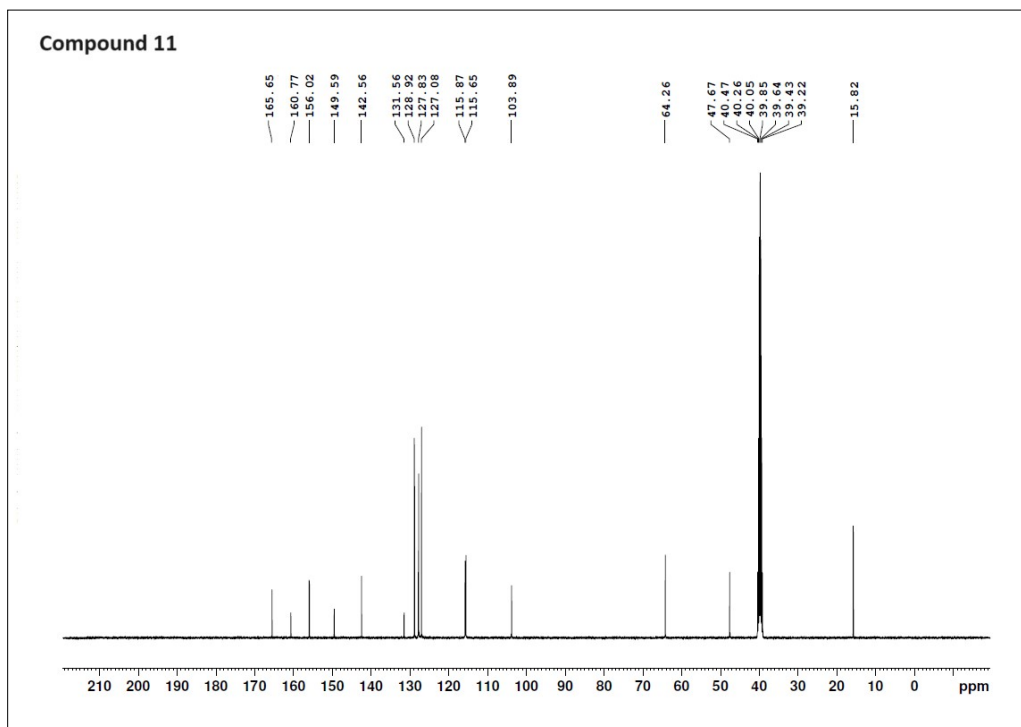


**<sup>13</sup>C NMR of compound 10**

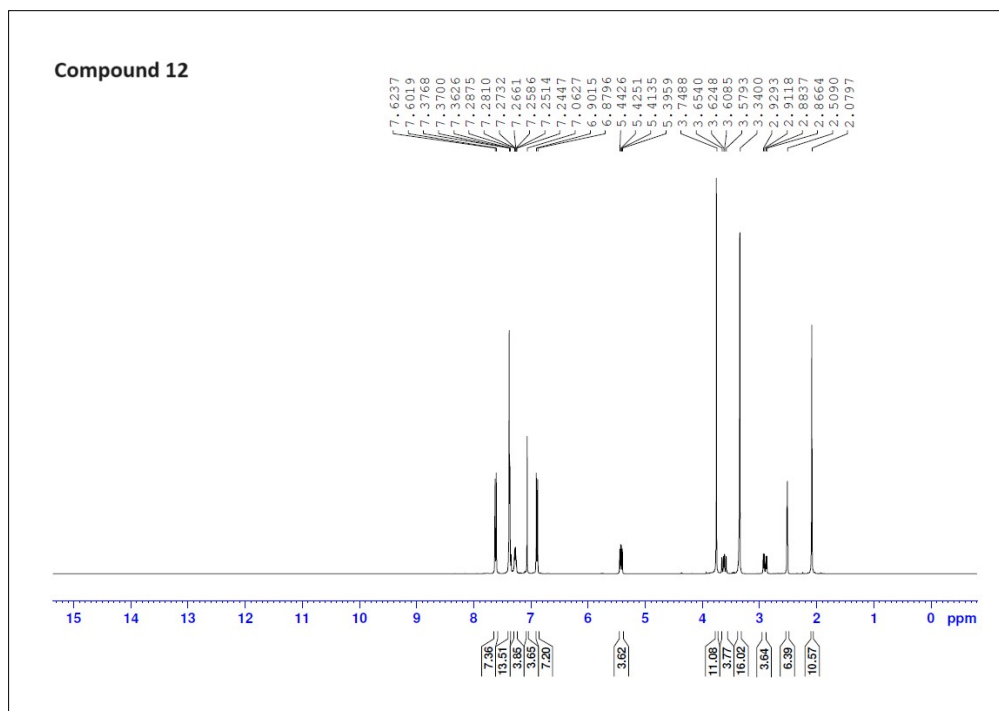




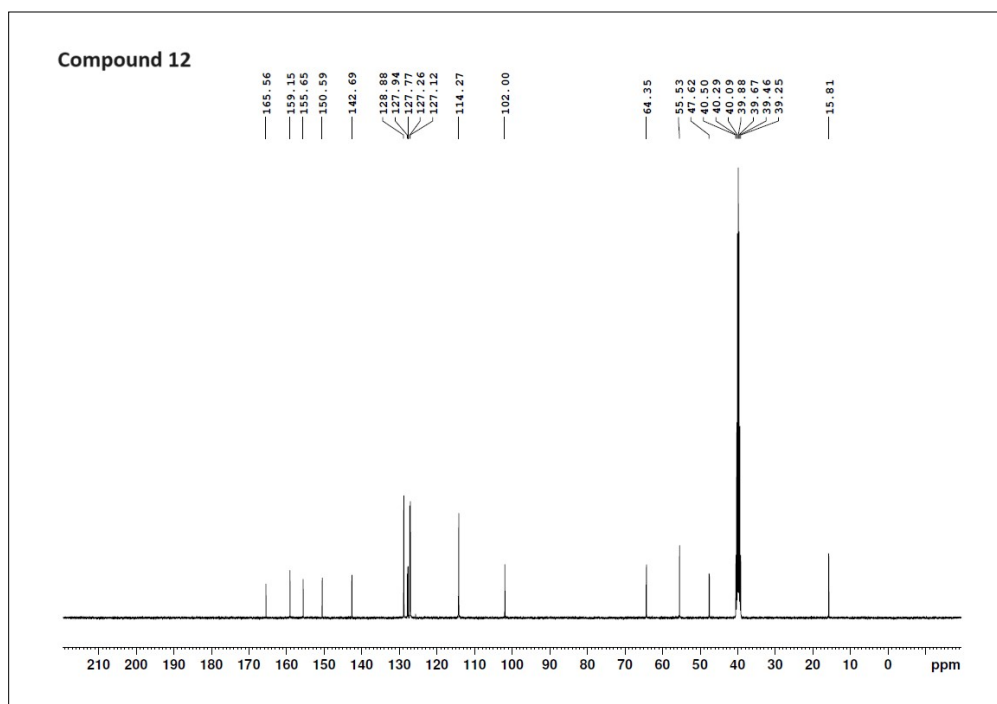
**<sup>1</sup>H NMR of compound 11**



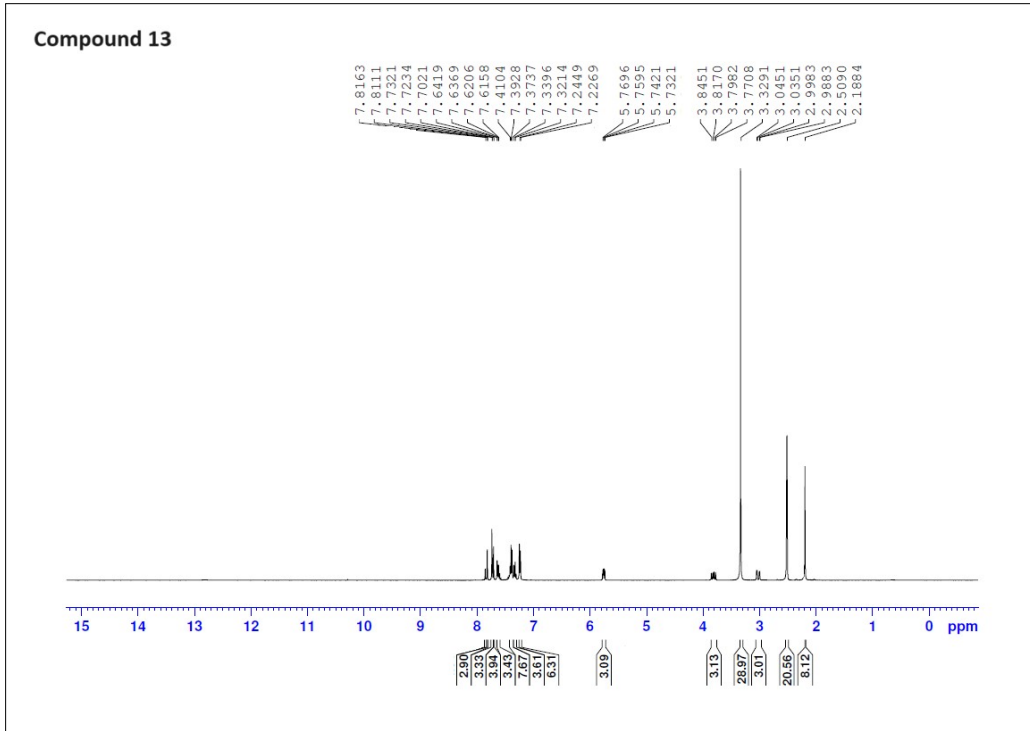
**<sup>13</sup>C NMR of compound 11**



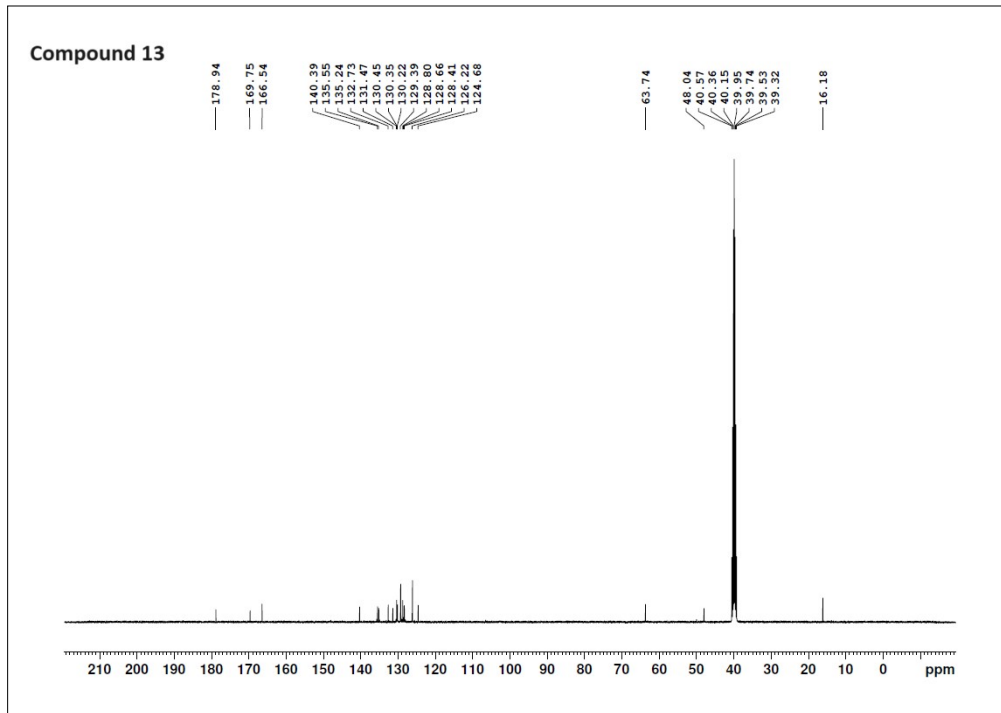
**<sup>1</sup>H NMR of compound 12**



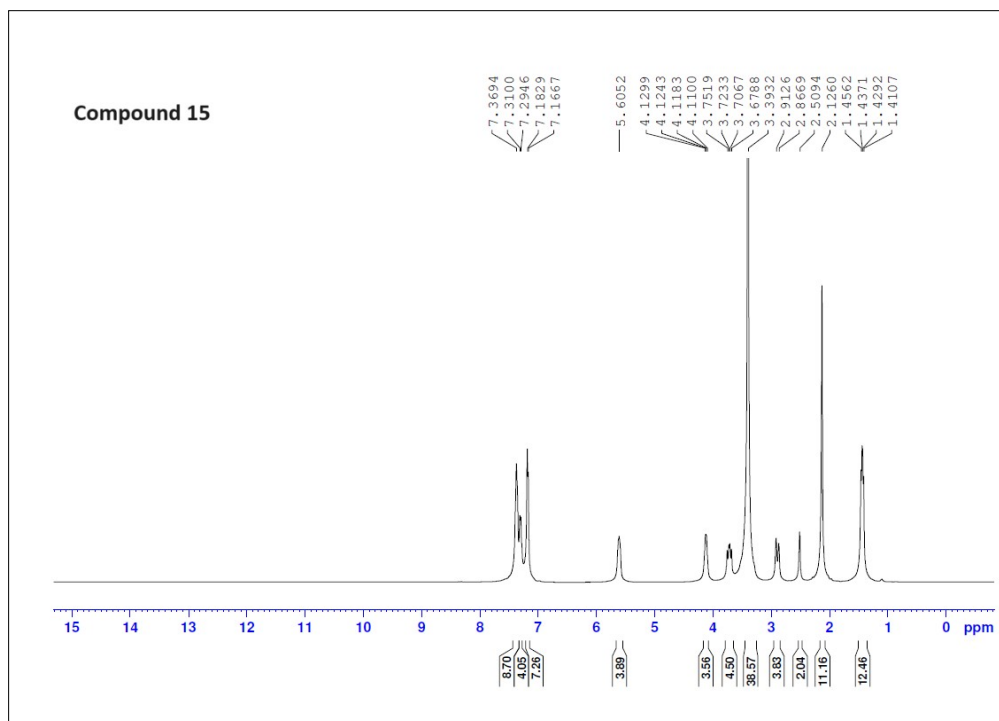
**<sup>13</sup>C NMR of compound 12**



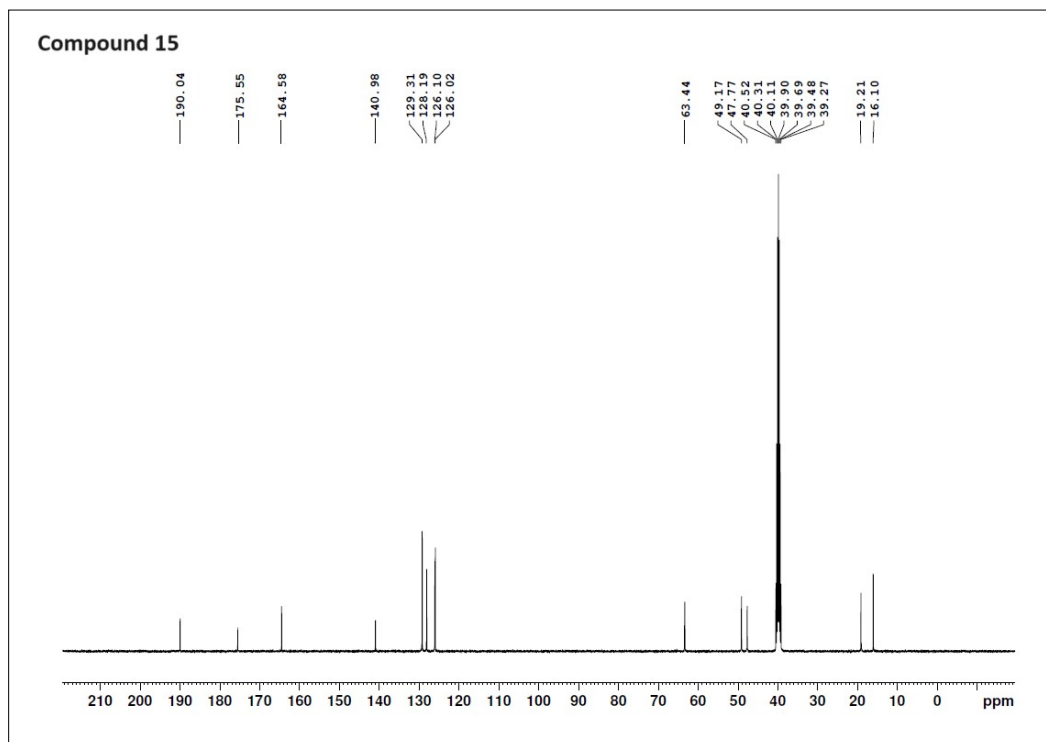
**<sup>1</sup>H NMR of compound 13**



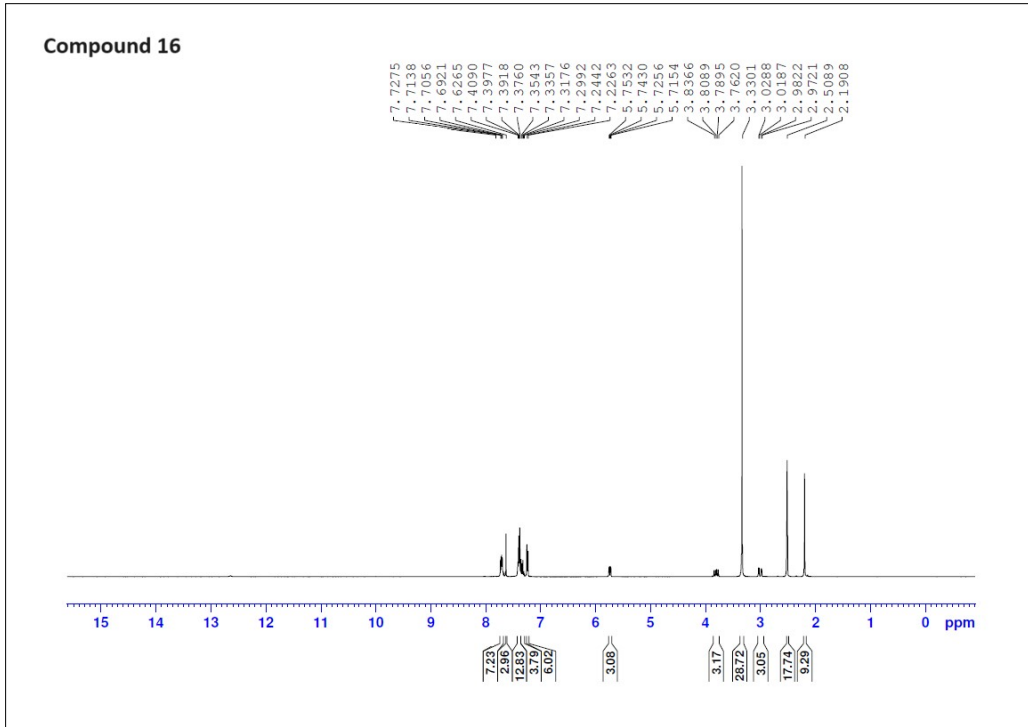
**<sup>13</sup>C NMR of compound 13**



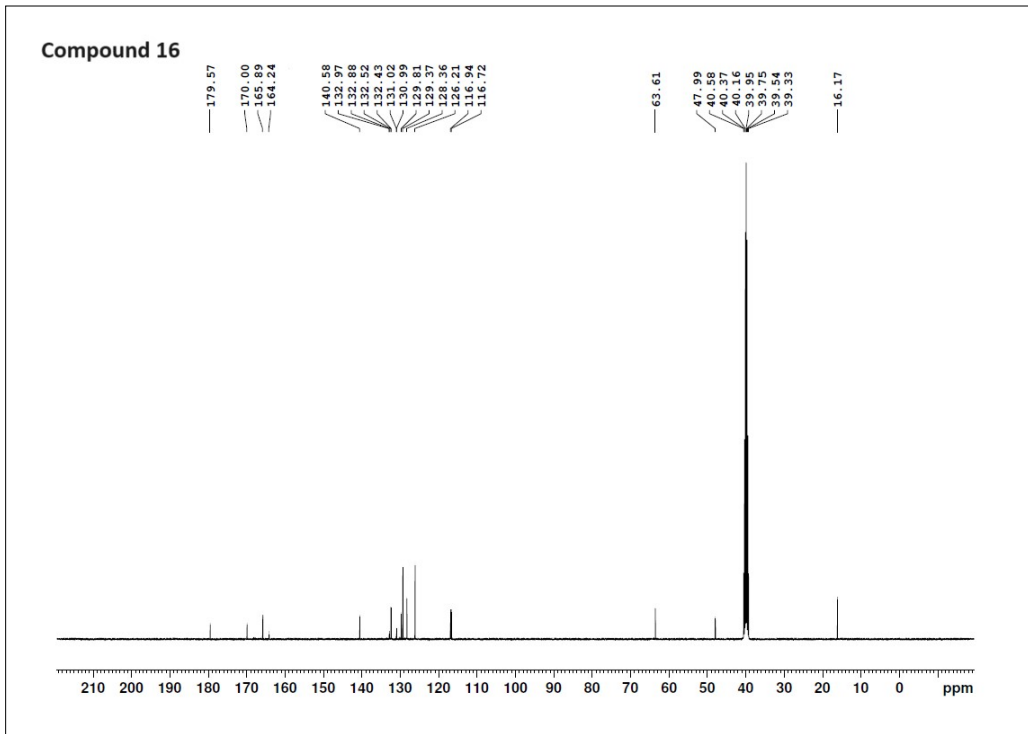
**<sup>1</sup>H NMR of compound 15**



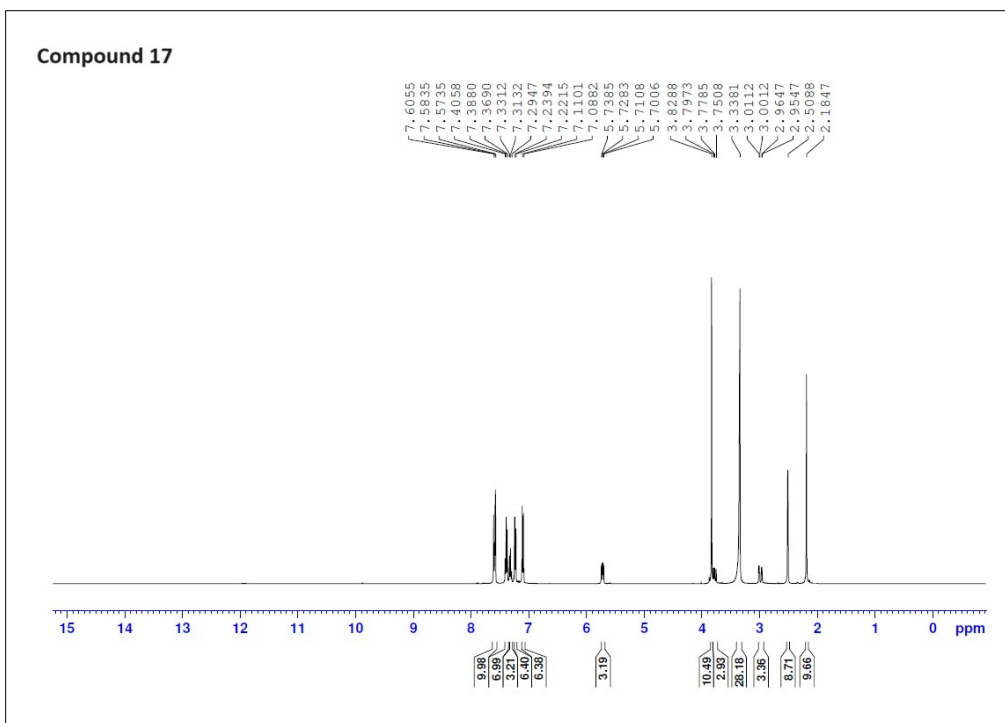
**<sup>13</sup>C NMR of compound 15**



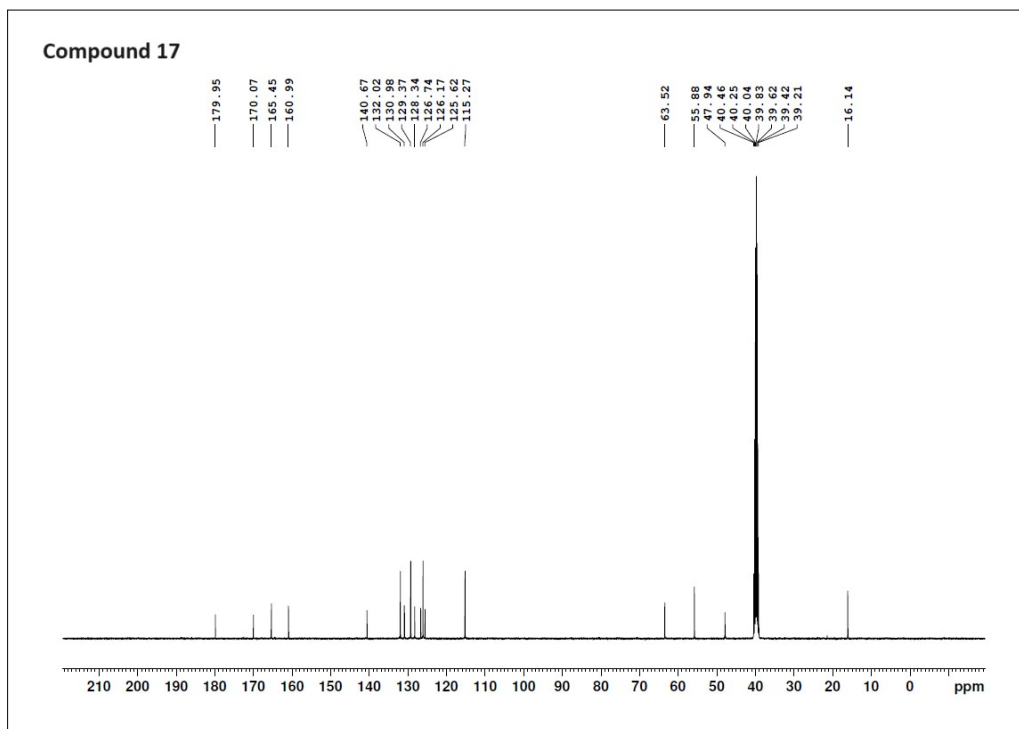
**<sup>1</sup>H NMR of compound 16**



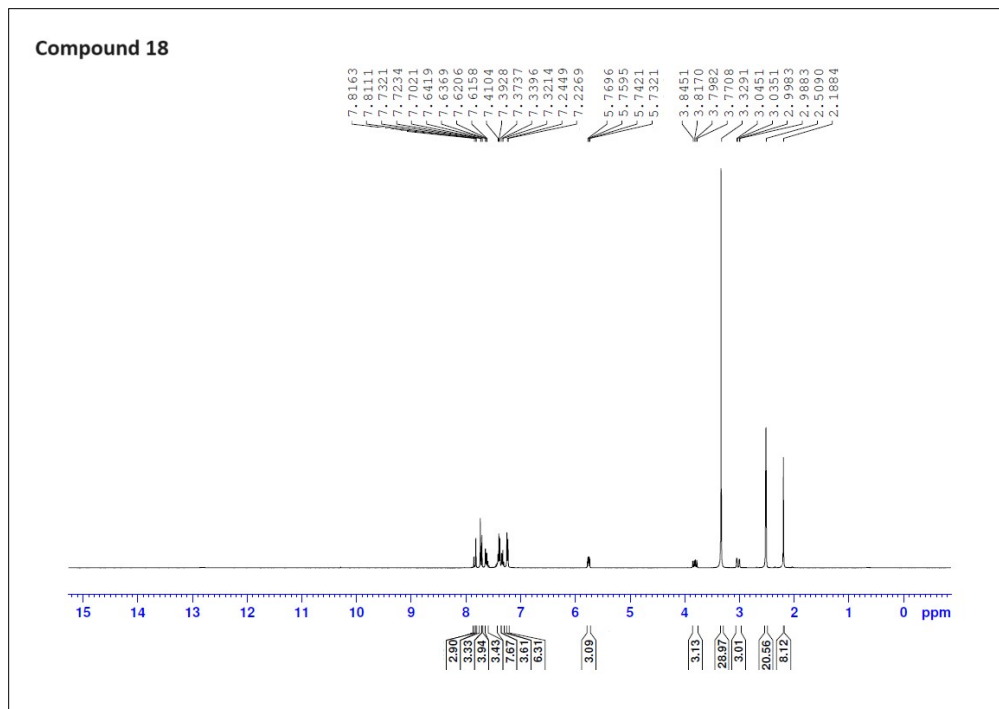
**<sup>13</sup>C NMR of compound 16**



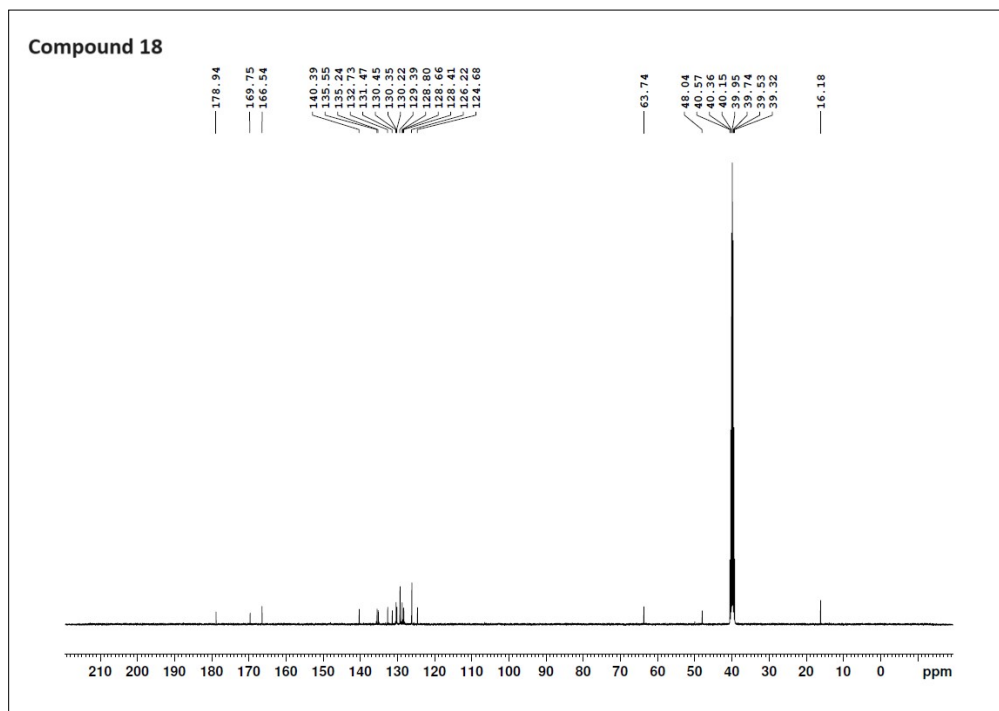
**<sup>1</sup>H NMR of compound 17**



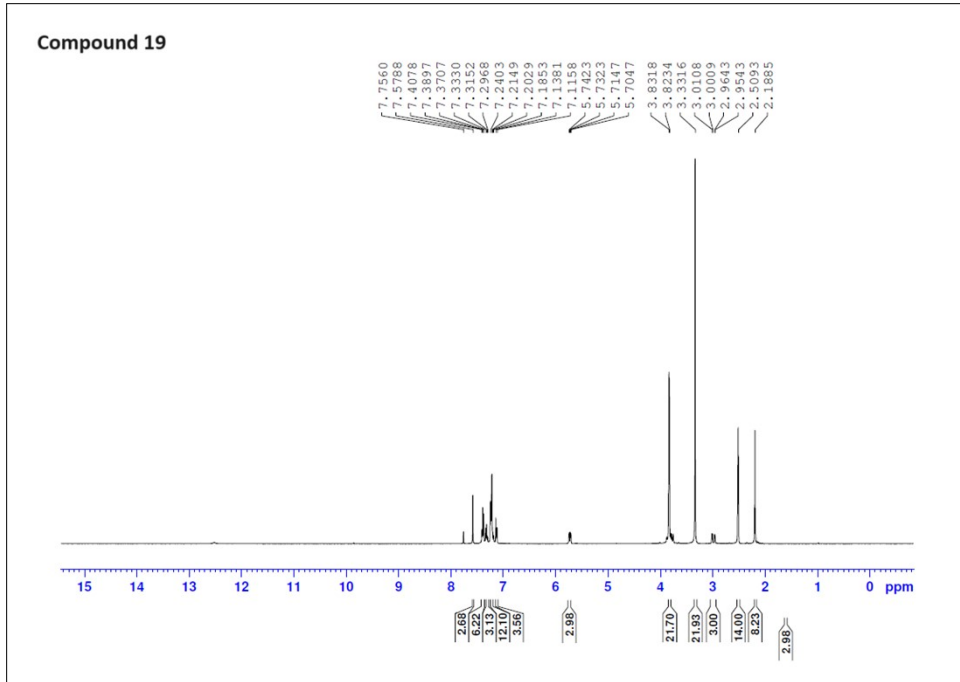
**<sup>13</sup>C NMR of compound 17**



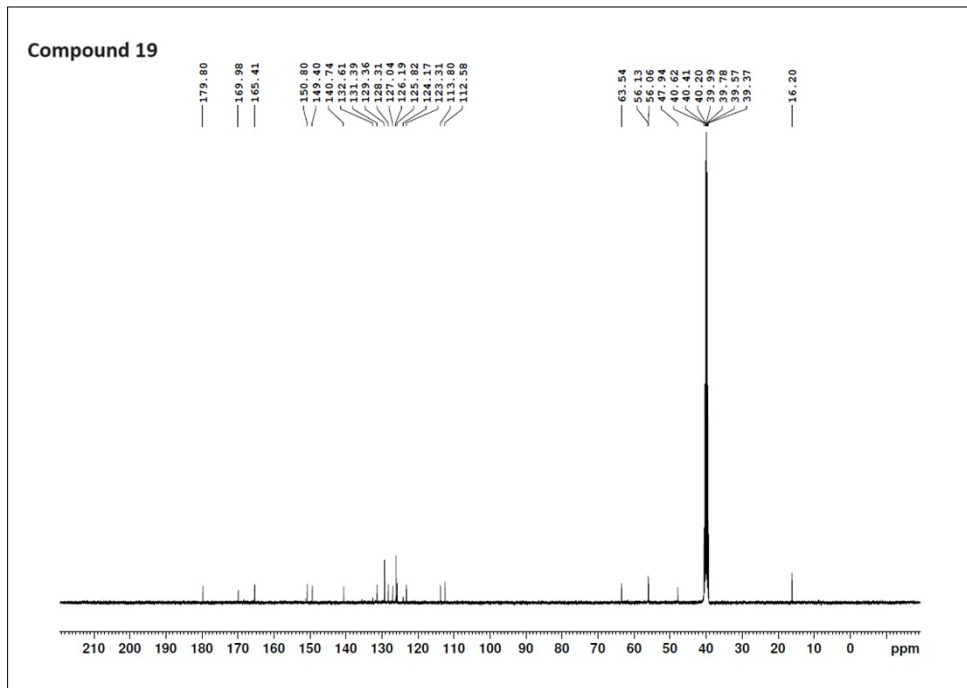
**<sup>1</sup>H NMR of compound 18**



**<sup>13</sup>C NMR of compound 18**



**<sup>1</sup>H NMR of compound 19**



**<sup>13</sup>C NMR of compound 19**