

## Supporting information

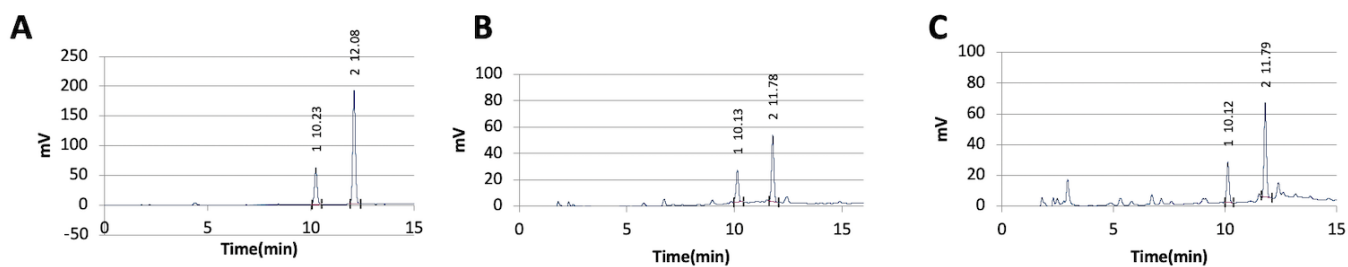
### PREPARATION OF PYRIDINE DERIVATIVES FROM THE CORRESPONDING 5-ACETAL-1-CARBONYL COMPOUNDS BY ACID PROMOTED CYCLIZATION

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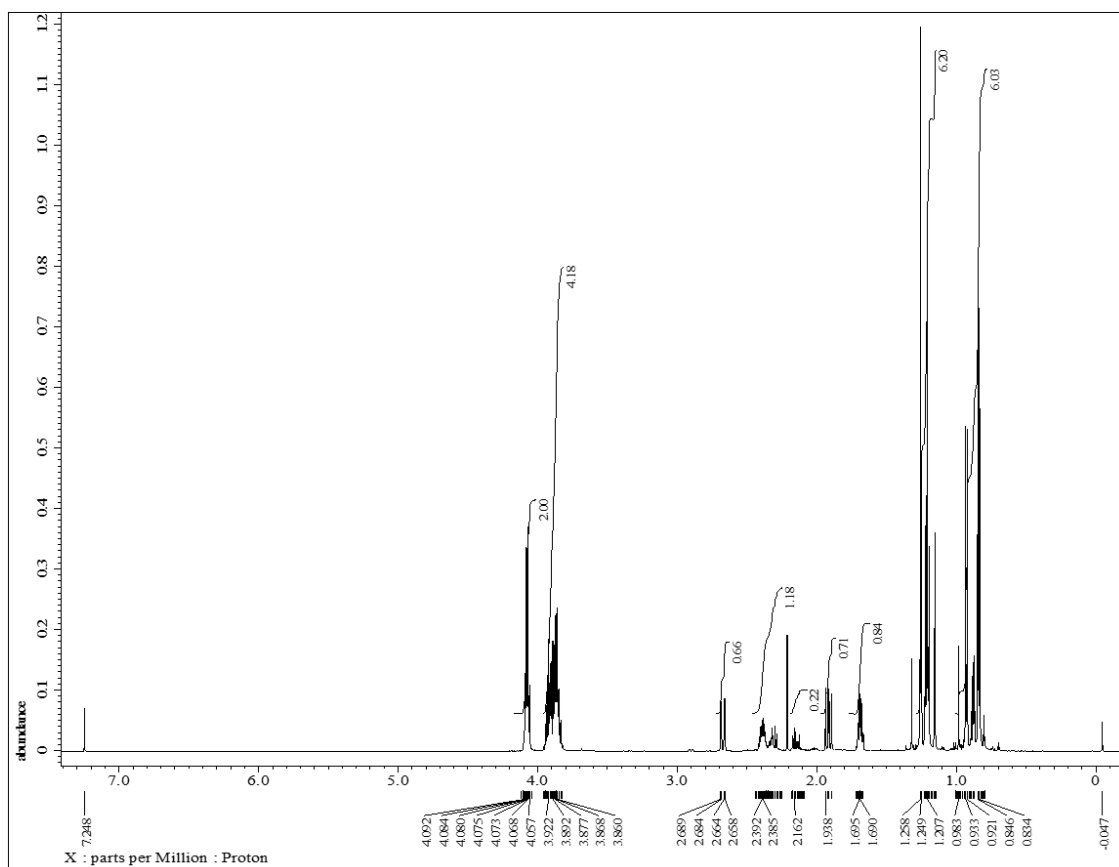
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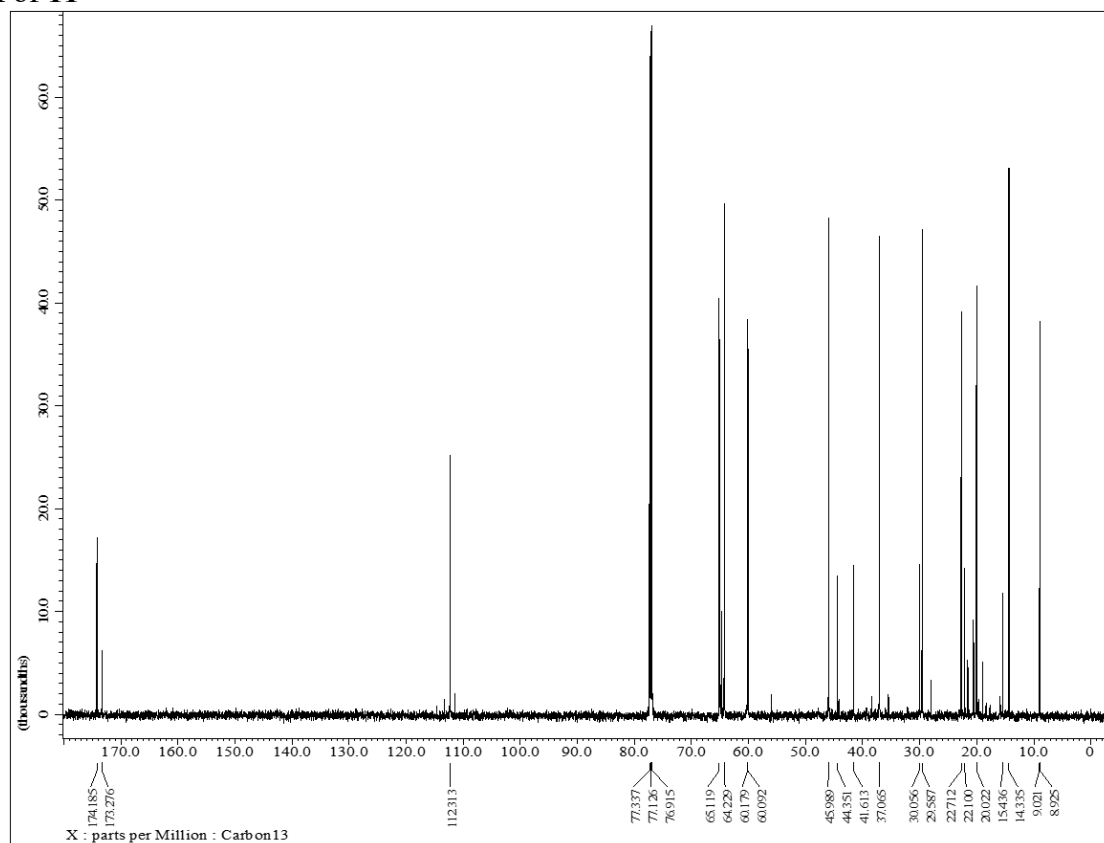


**Figure S1.** HPLC profile of **6** and **6'**. (A) Reaction mixture of **6** and **6'**. (B) After the separation of a peak with 10.2 min. (C) After the separation of a peak with 12.1 min. Analytical HPLC was carried out with a COSMOSIL 5C<sub>18</sub>-AR-II column (4.6ID×150 mm) with a linear gradient of MeCN (0.1% TFA) in H<sub>2</sub>O (0.1% TFA) at a run time of 30 min (flow rate of 1 ml/min), on a SHIMADZU SPD-10A as a UV-Vis detector, HITACHI L-6000 Pump and HITACHI L-6200 Intelligent Pump. UV measurements were recorded at a wavelength of 220 nm for the peptide analyses.

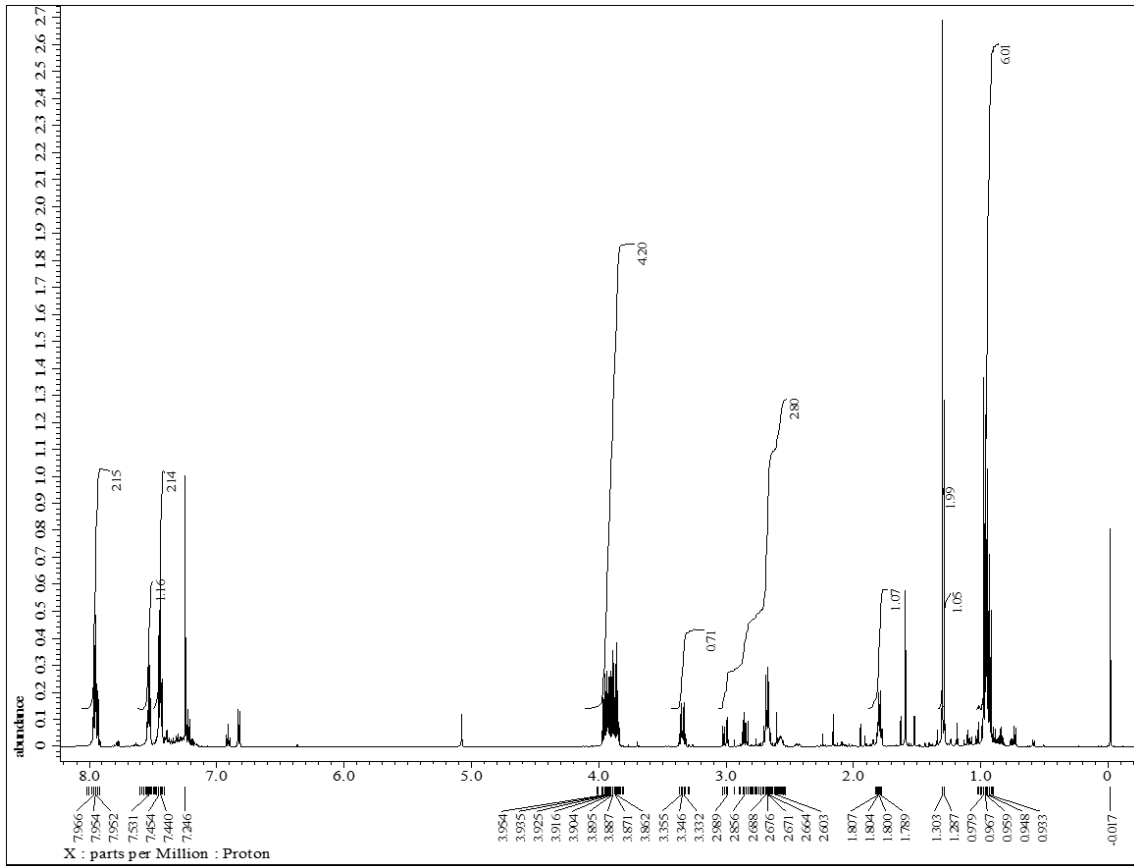
# <sup>1</sup>H NMR of 11



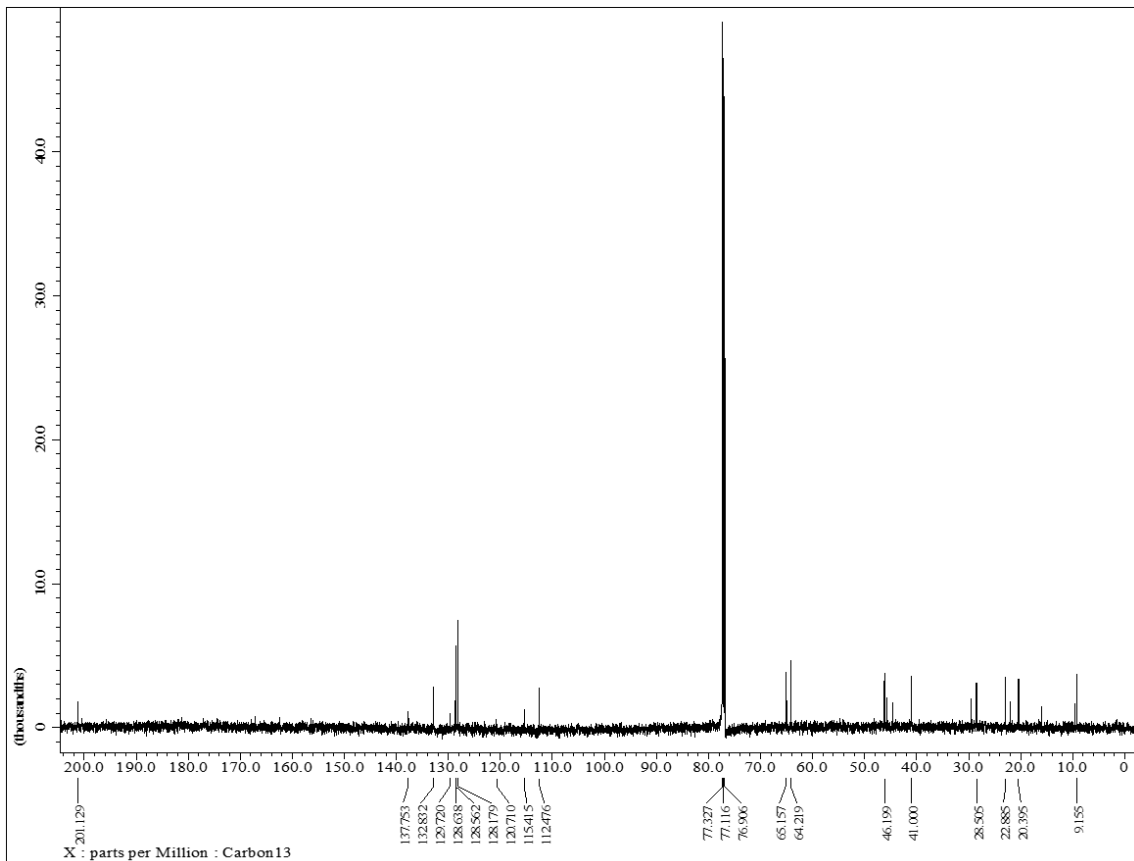
# <sup>13</sup>C NMR of 11



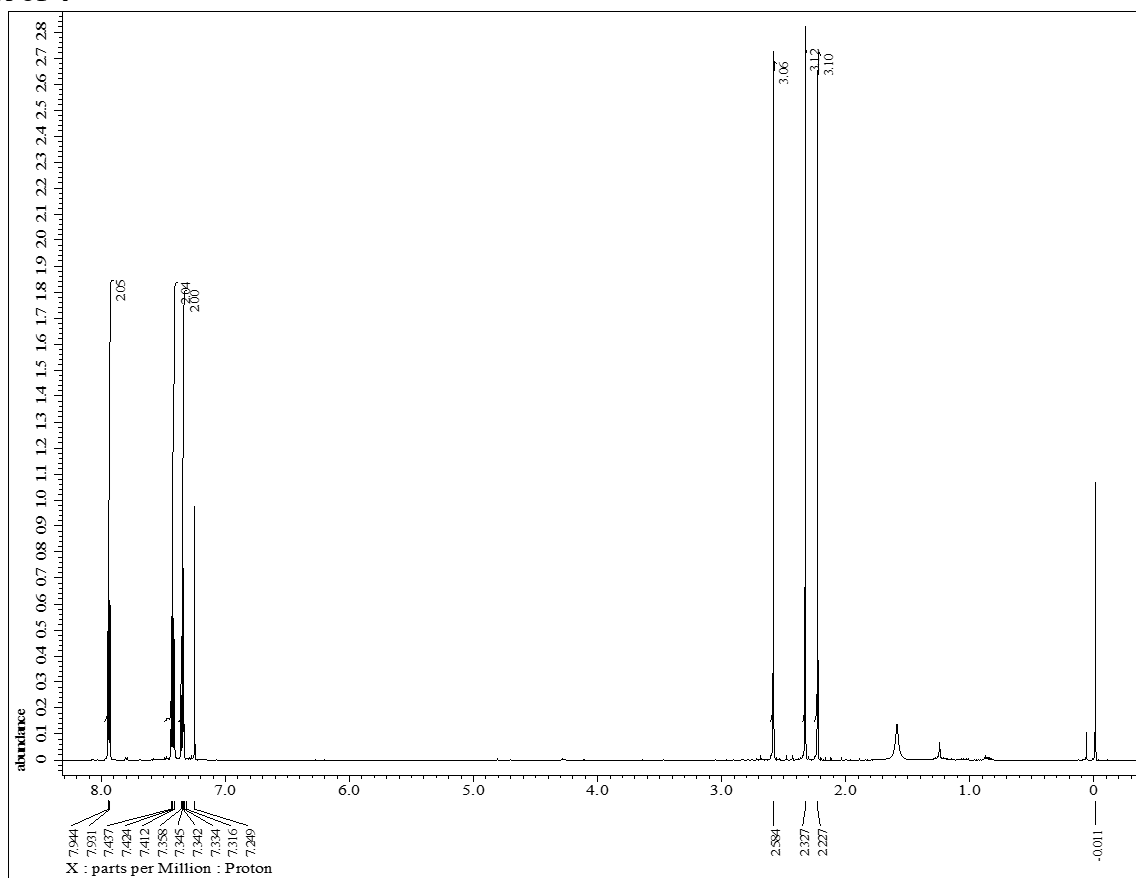
<sup>1</sup>H NMR of **8**



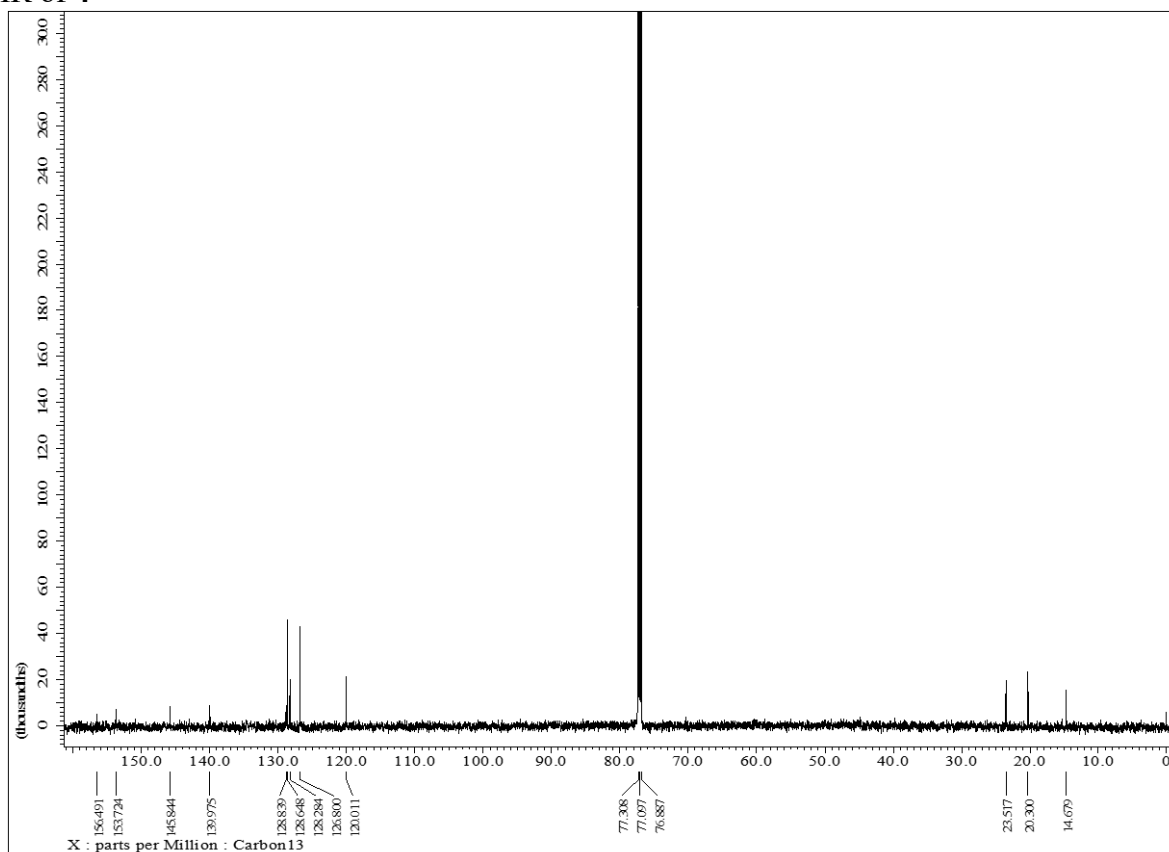
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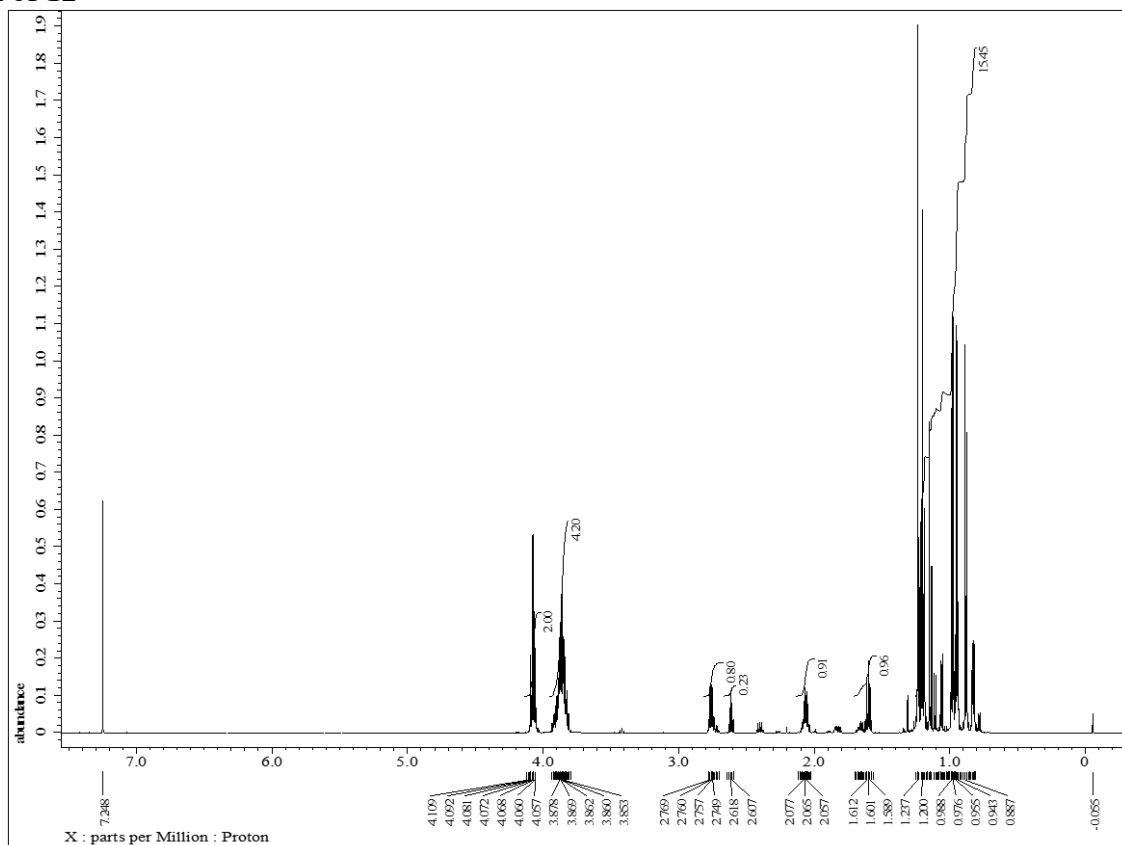
# <sup>1</sup>H NMR of 4



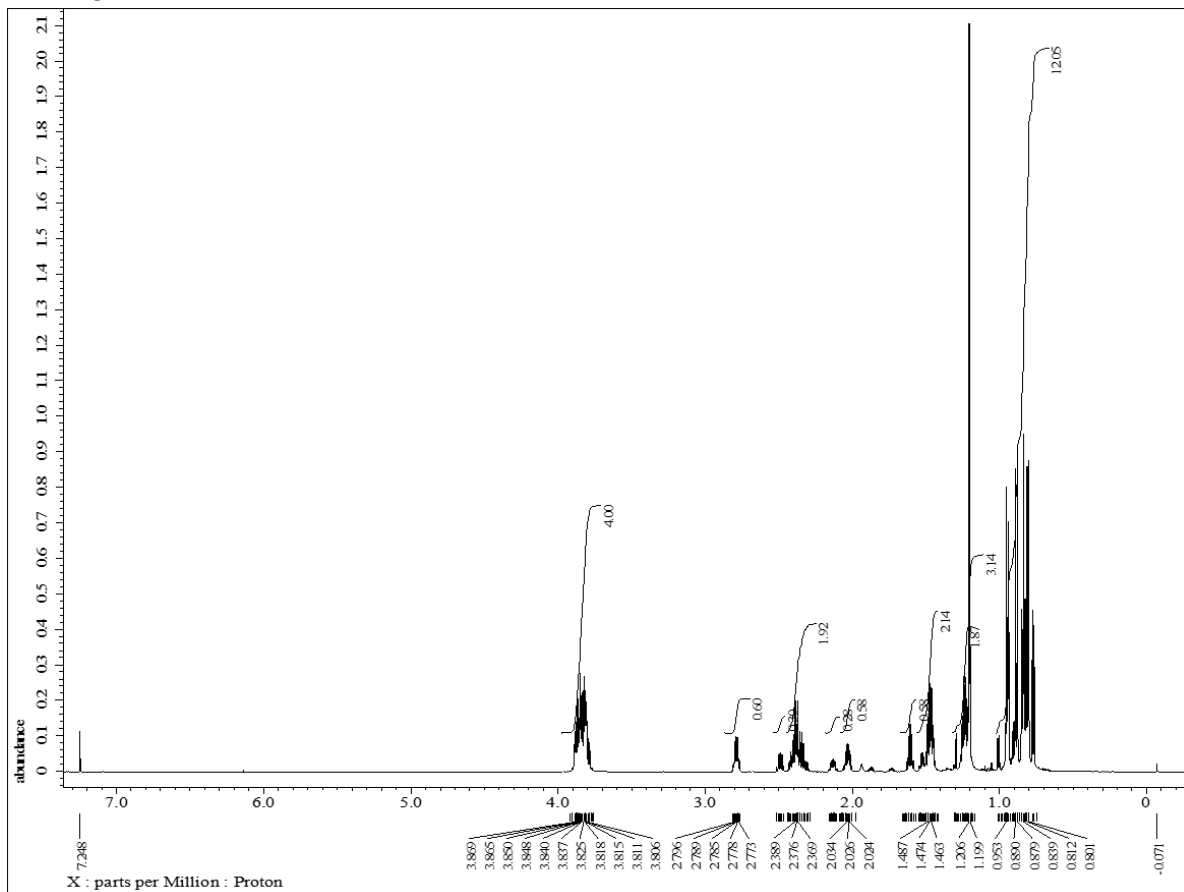
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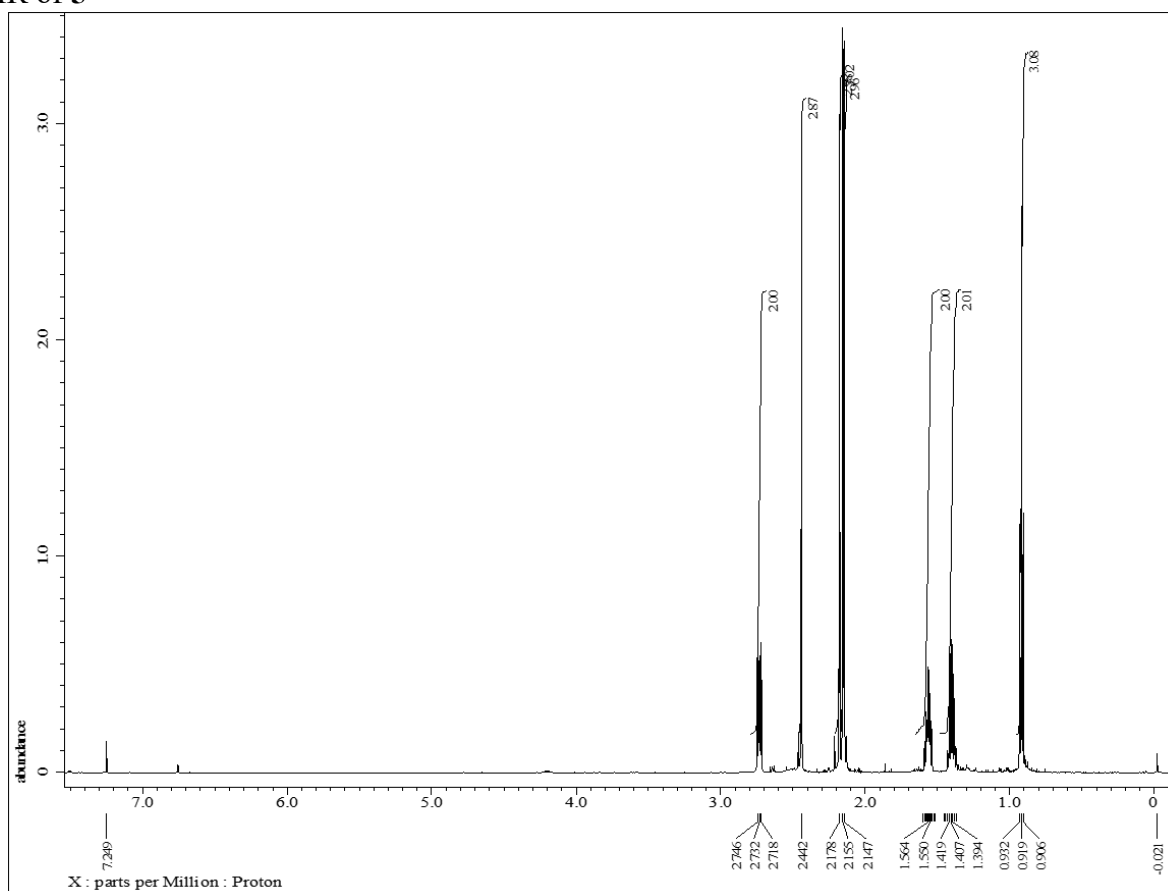
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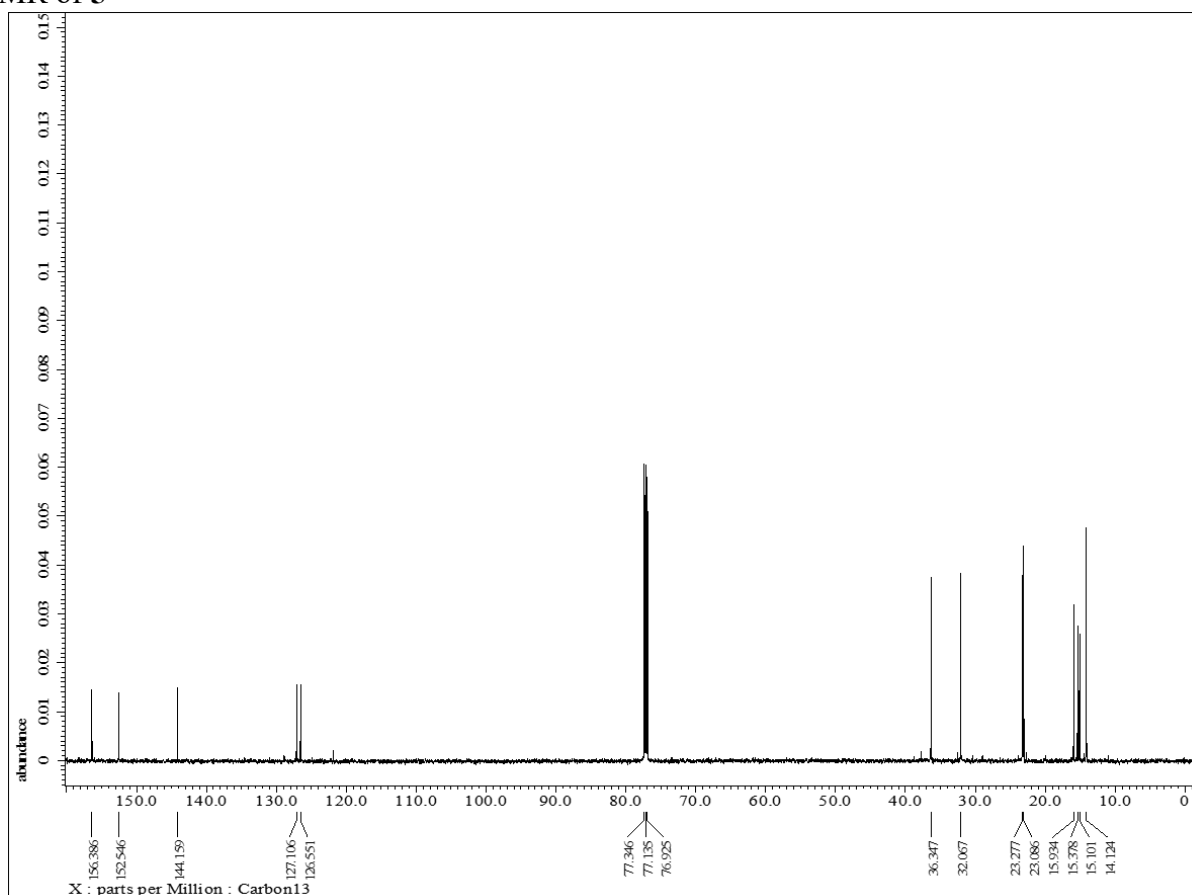
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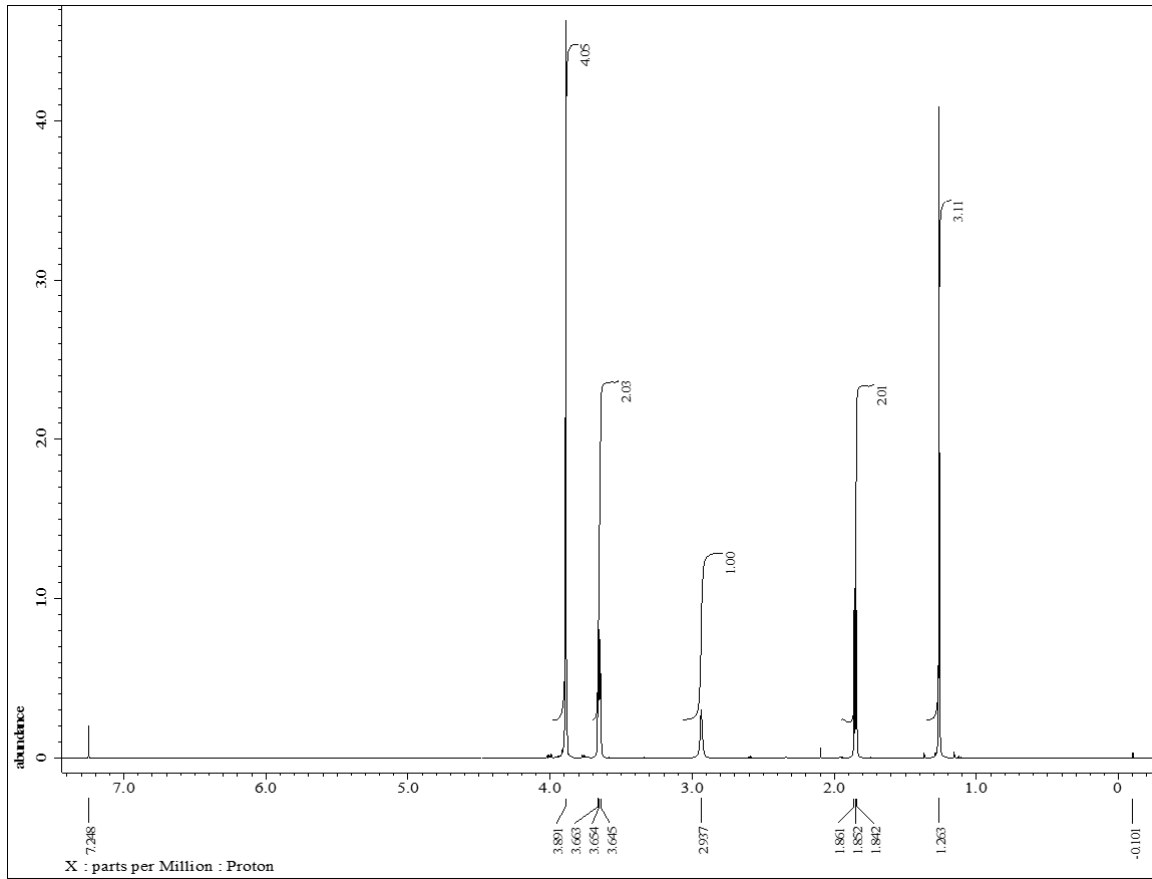
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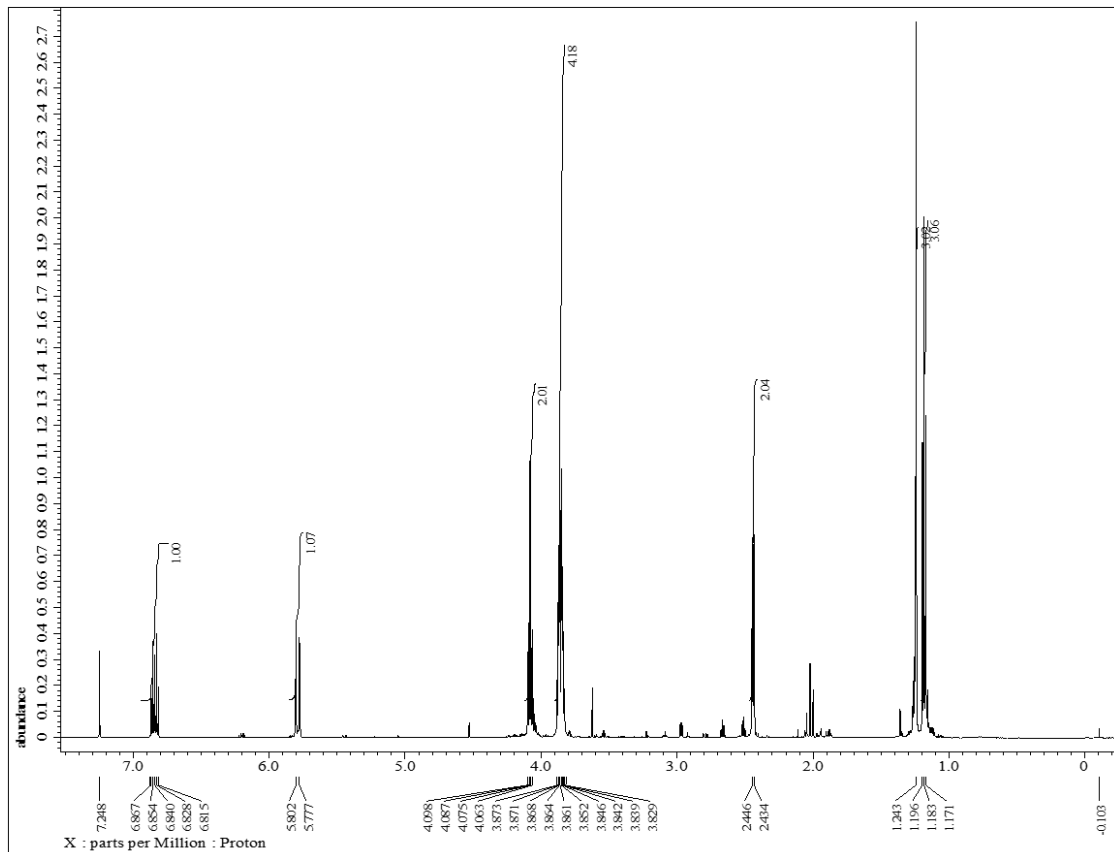
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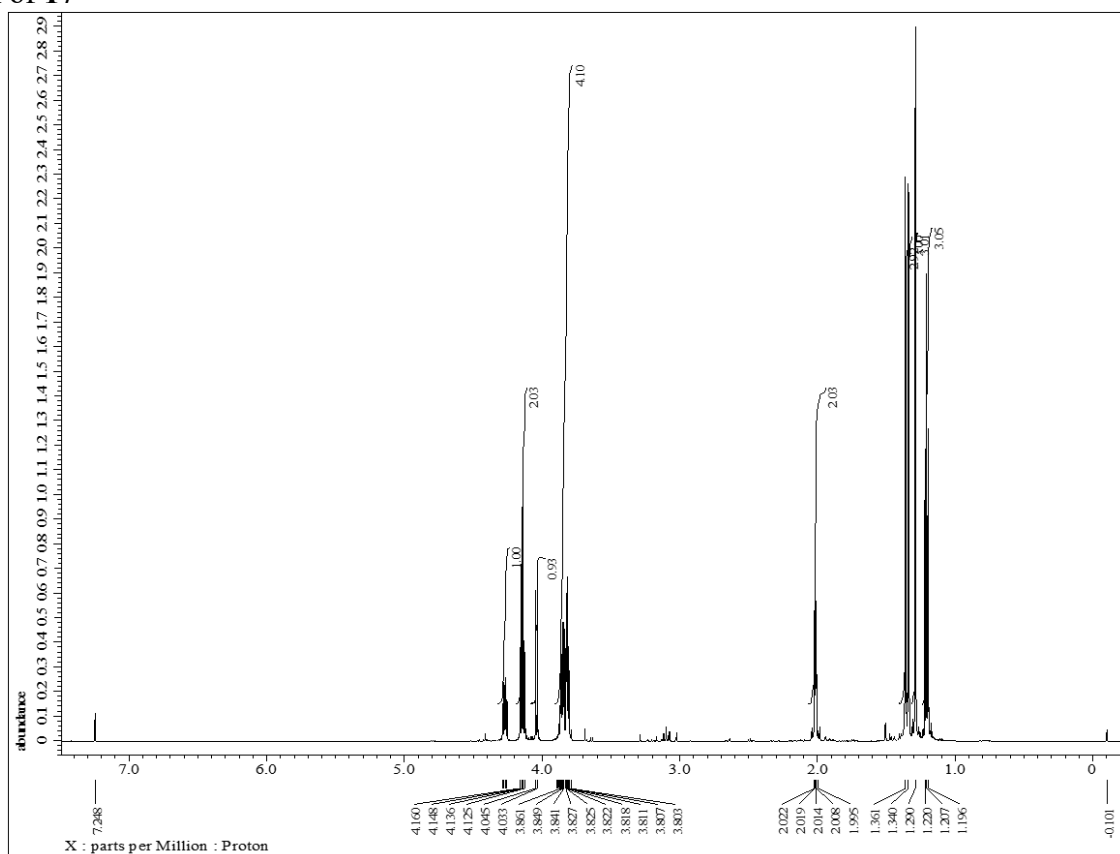
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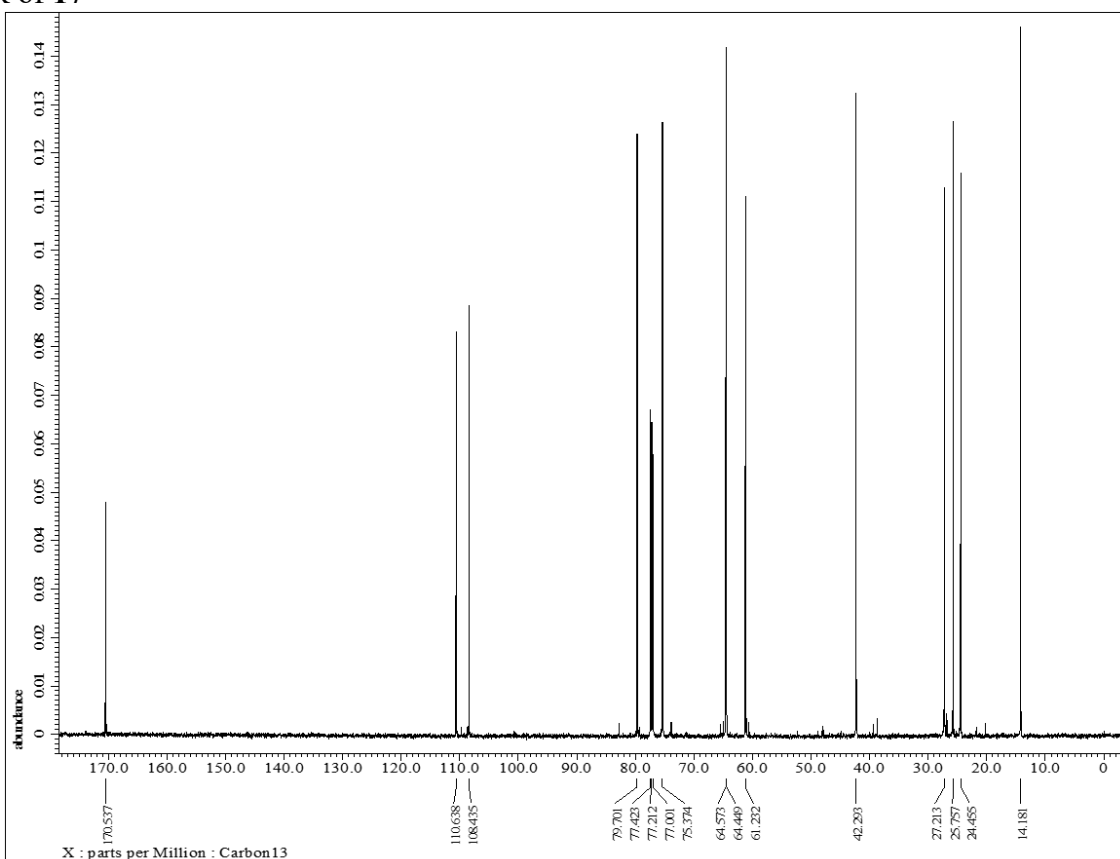
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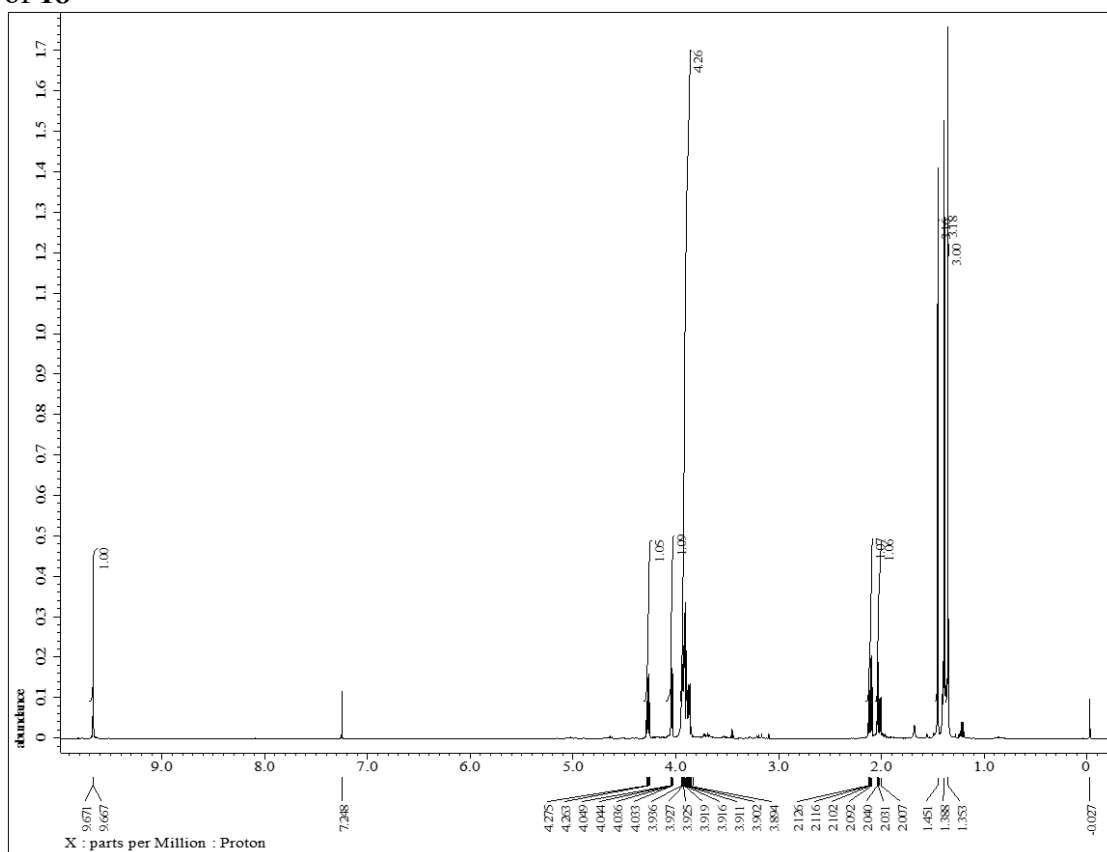
# <sup>1</sup>H NMR of 17



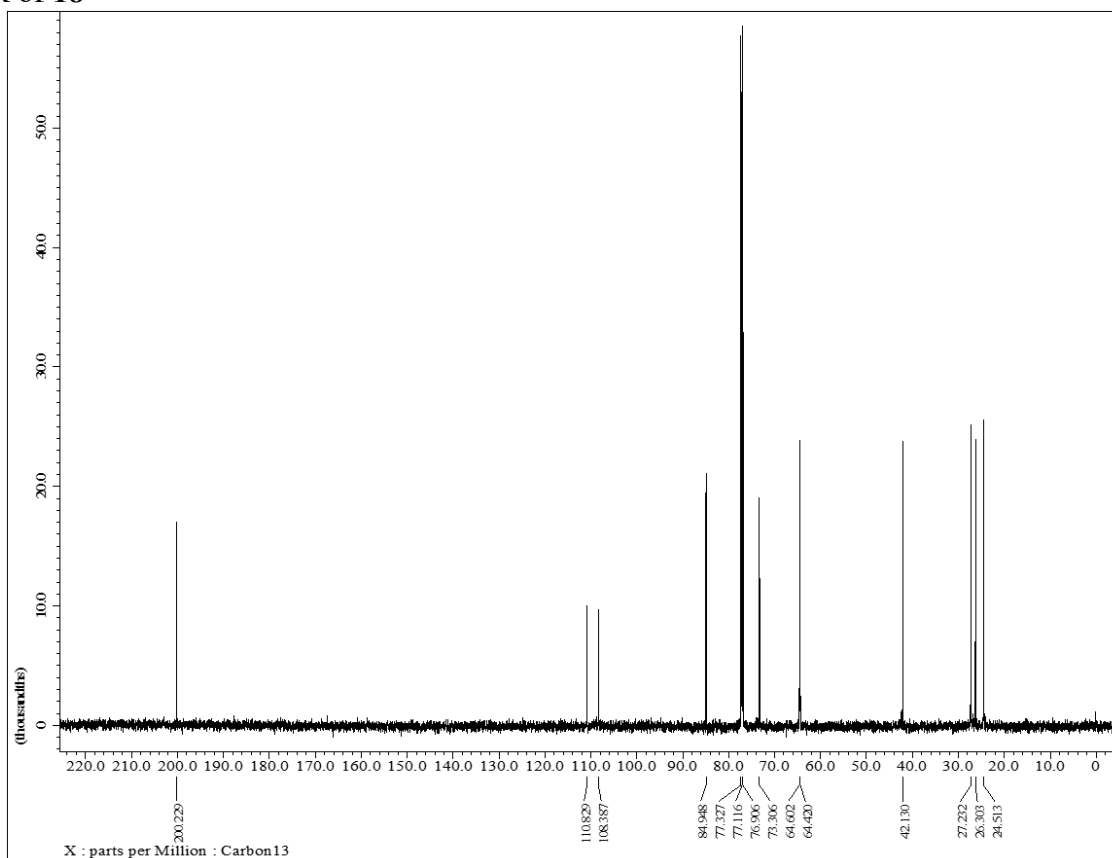
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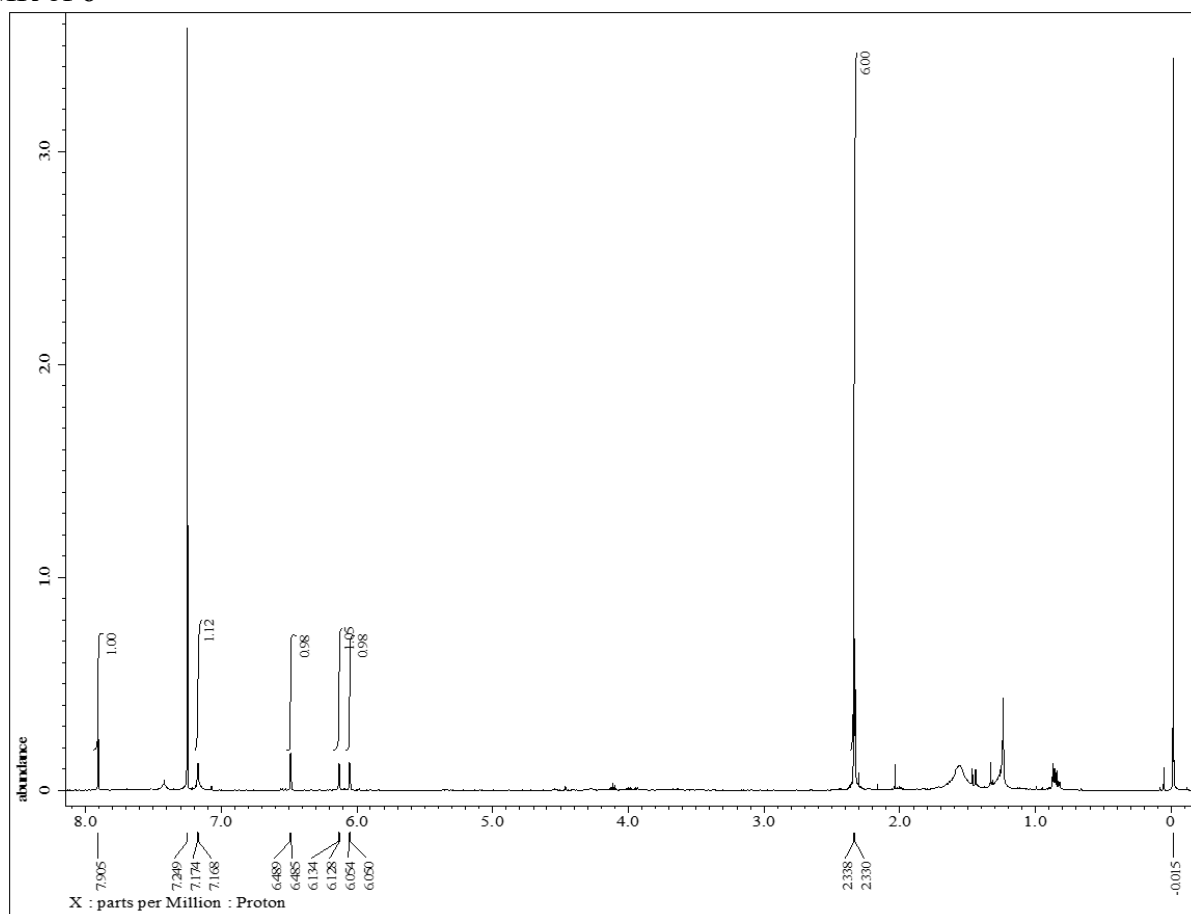
# <sup>1</sup>H NMR of 18



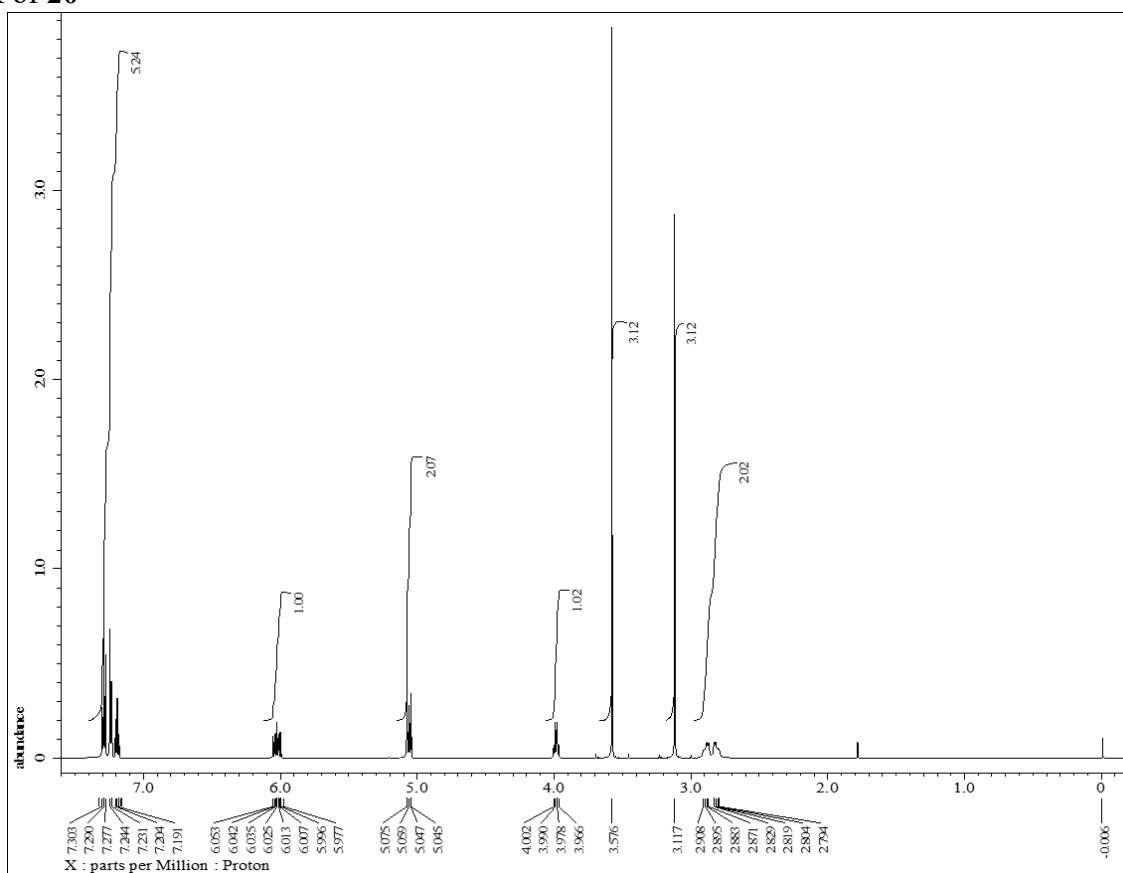
# <sup>13</sup>C NMR of 18



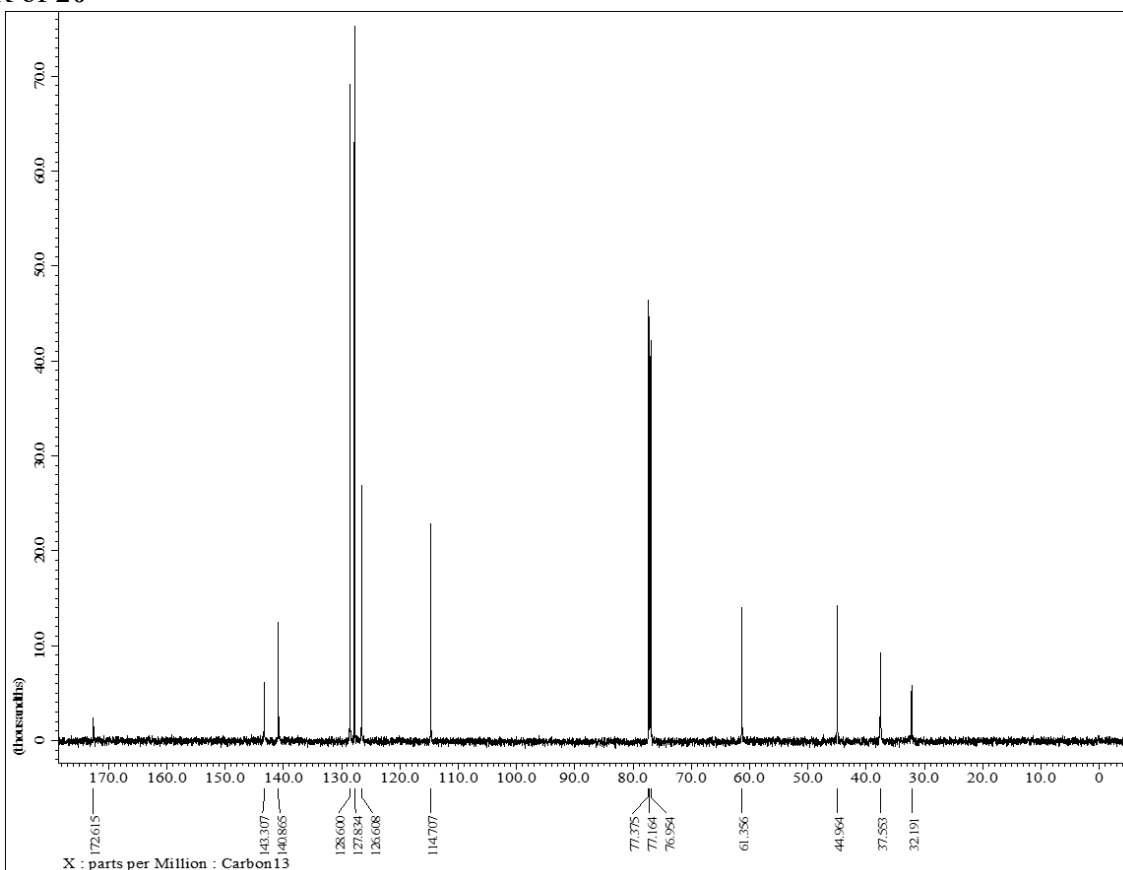
<sup>1</sup>H NMR of 6



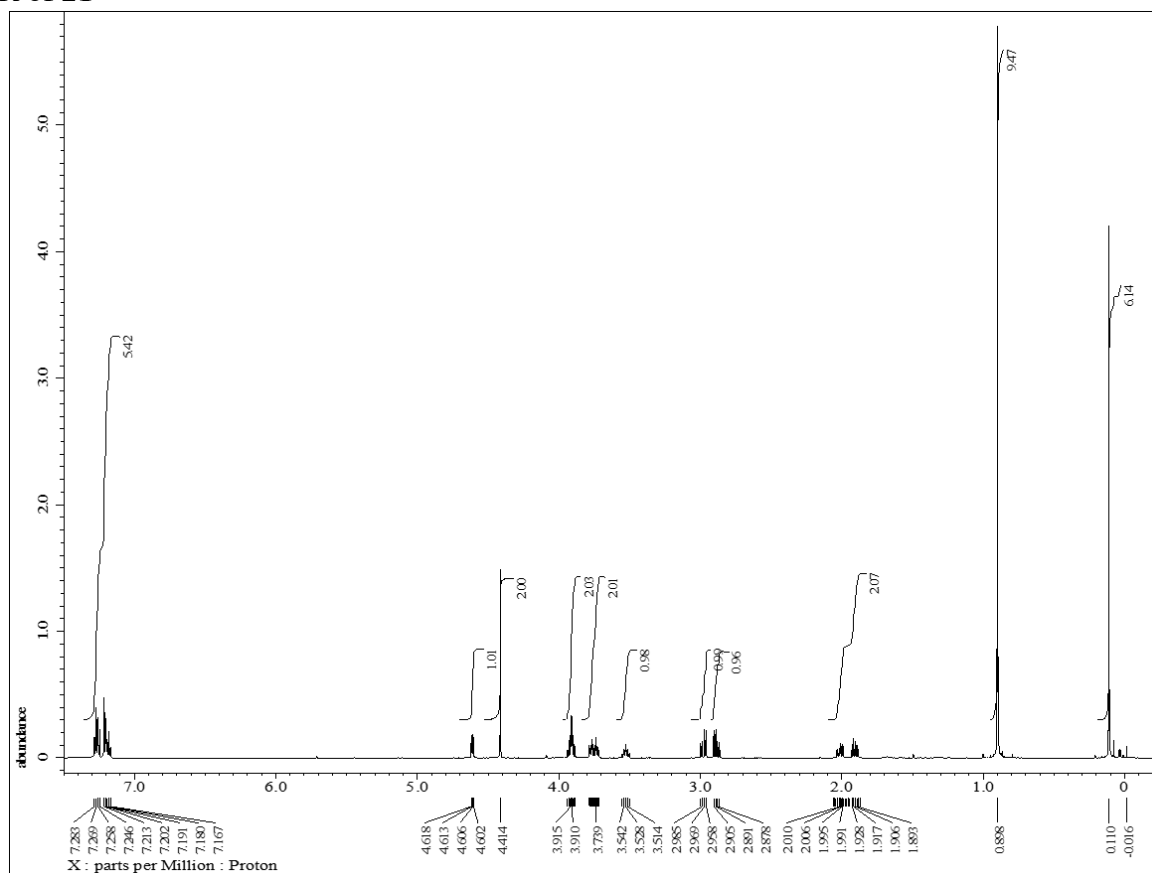
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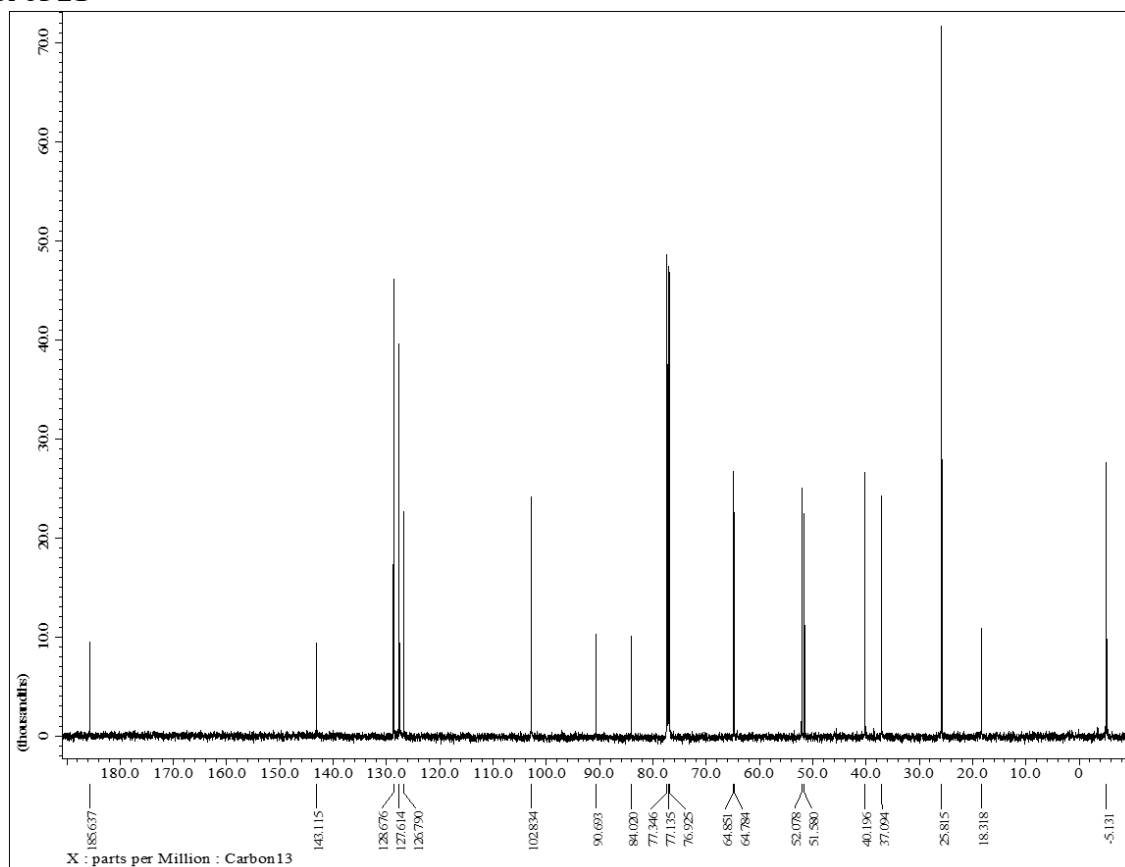
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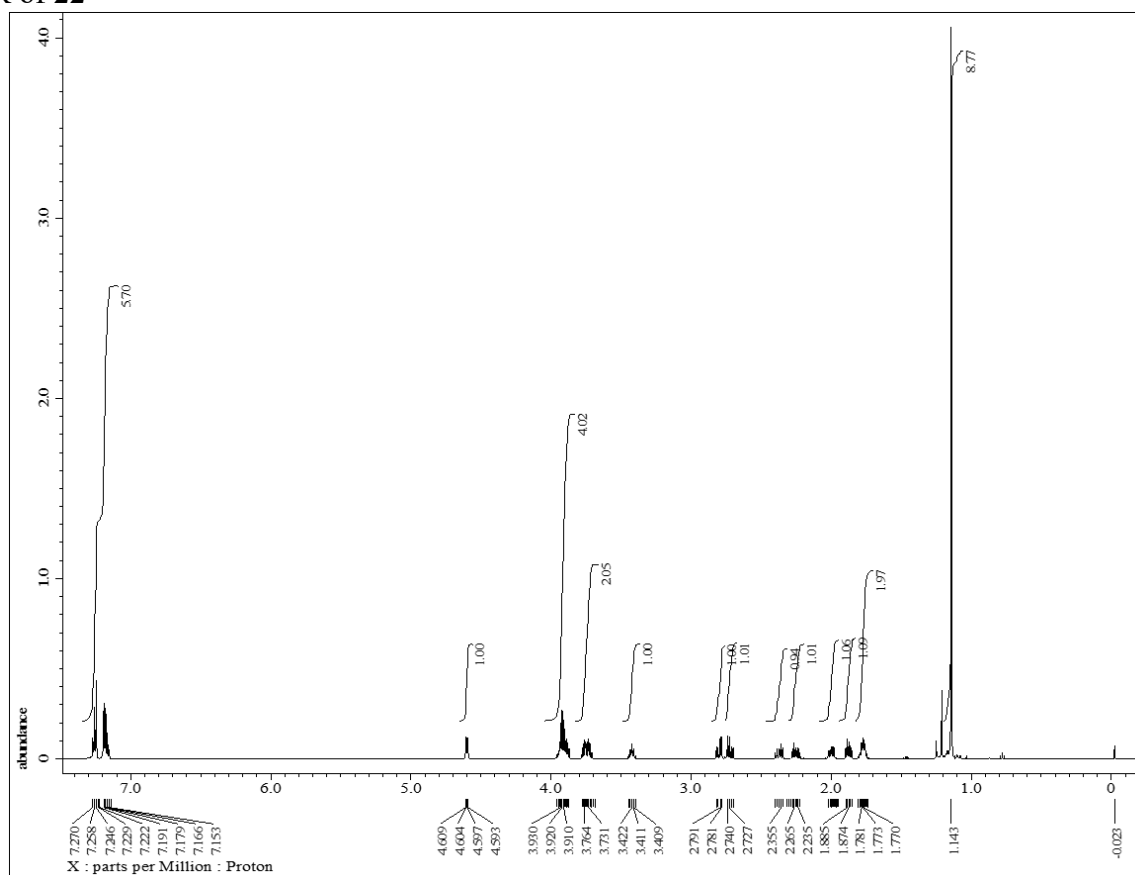
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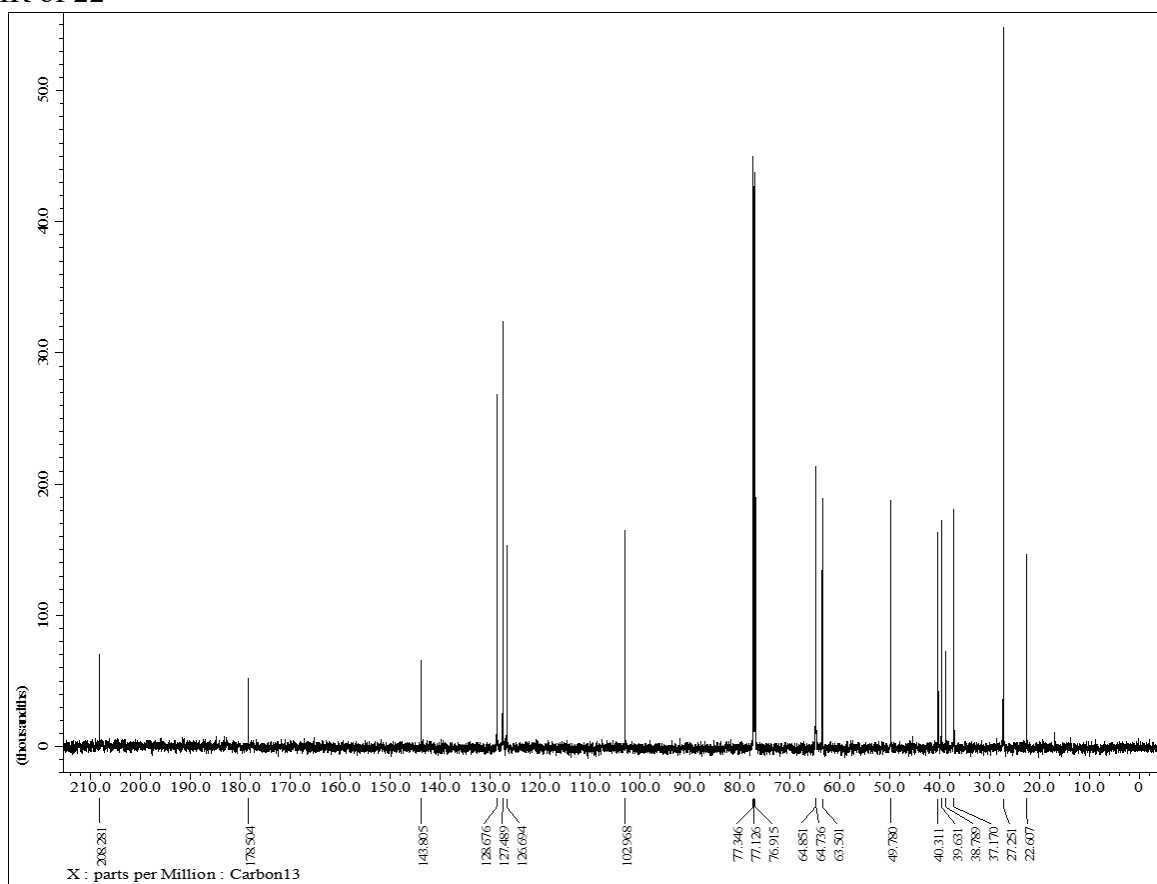
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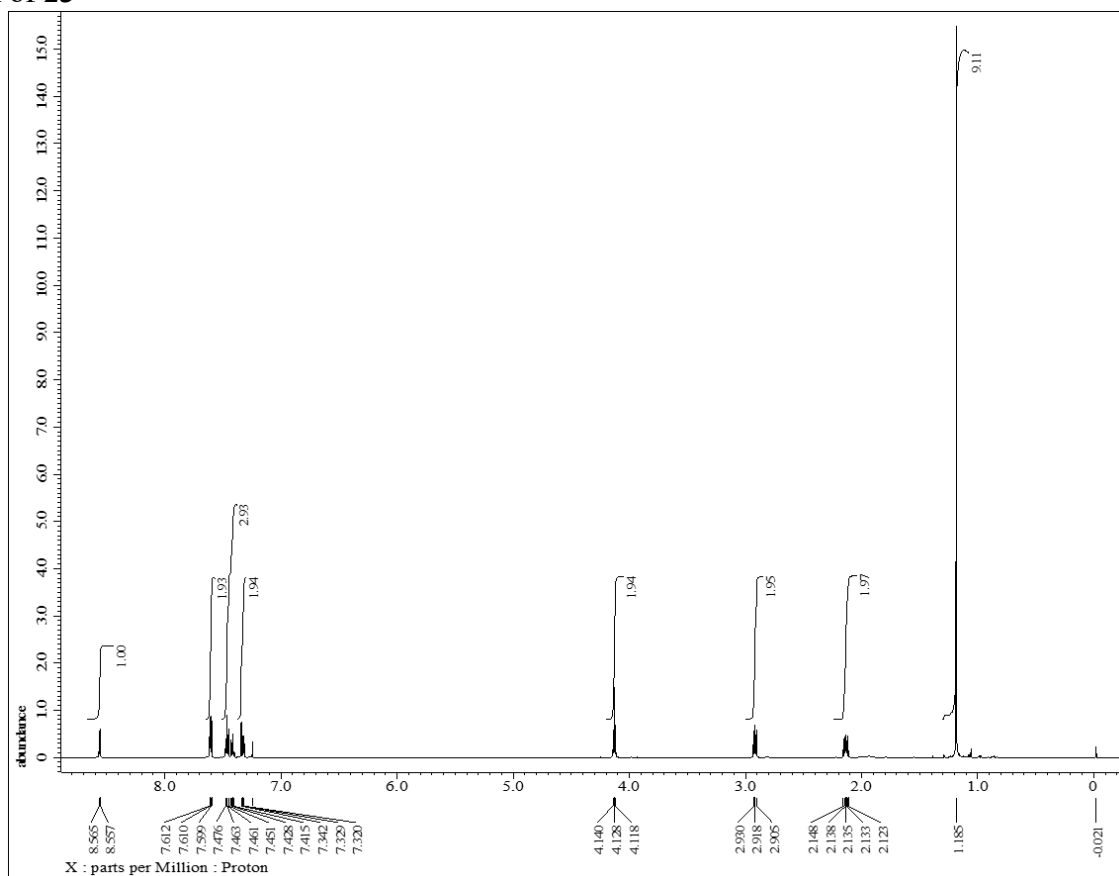
# <sup>1</sup>H NMR of 22



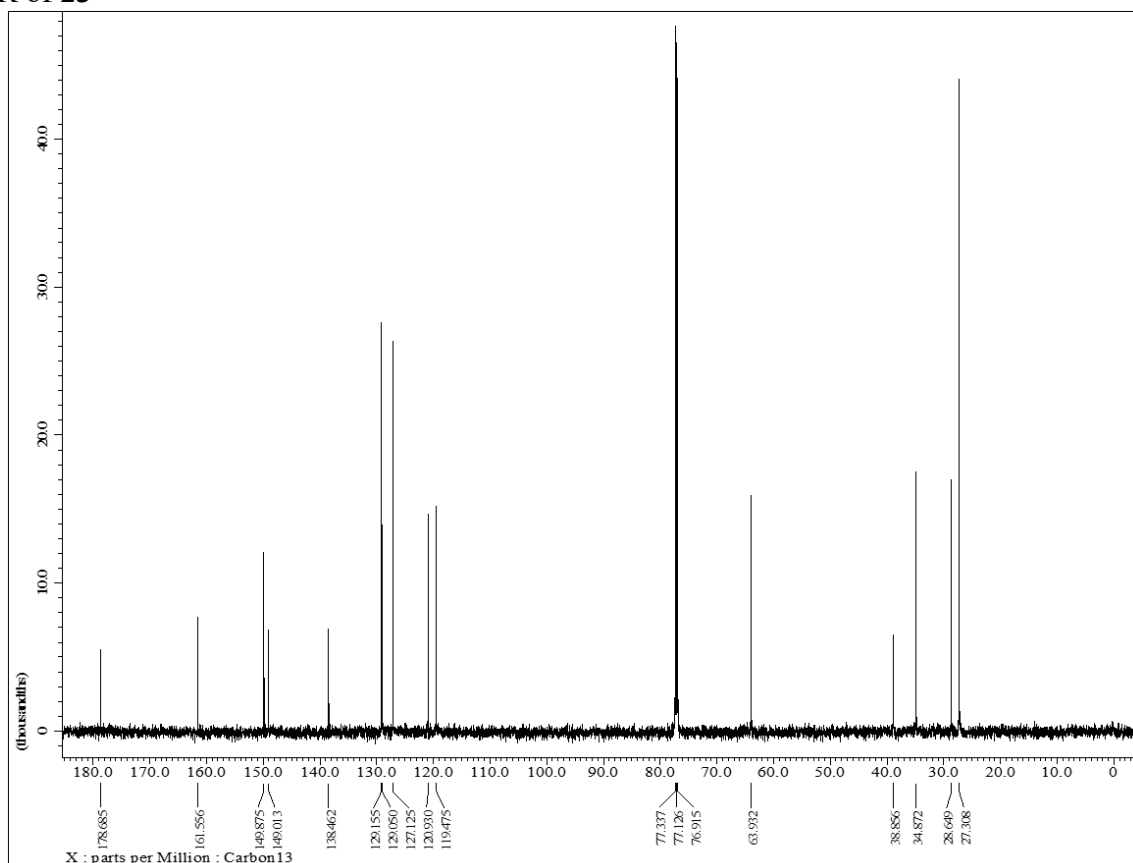
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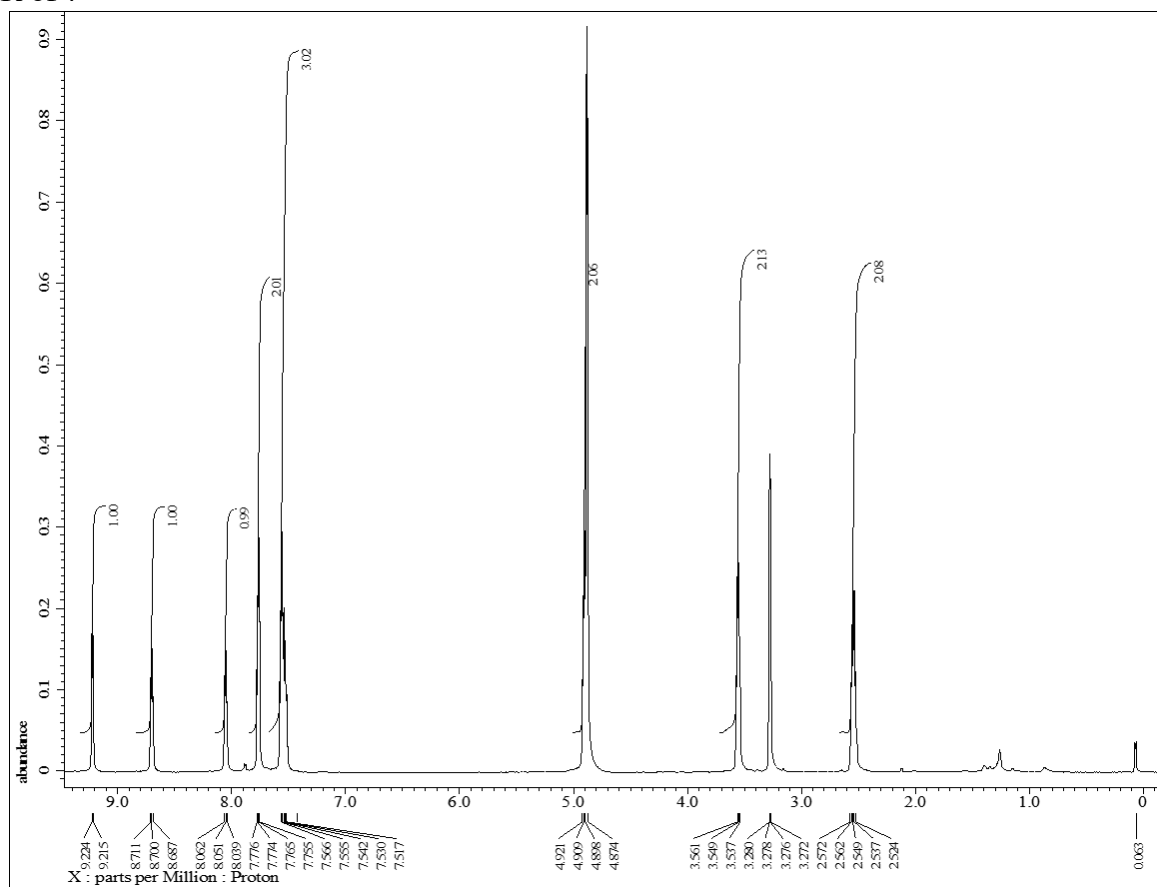
# <sup>1</sup>H NMR of 23



# <sup>13</sup>C NMR of 23



# <sup>1</sup>H NMR of 7



# <sup>13</sup>C NMR of 7

