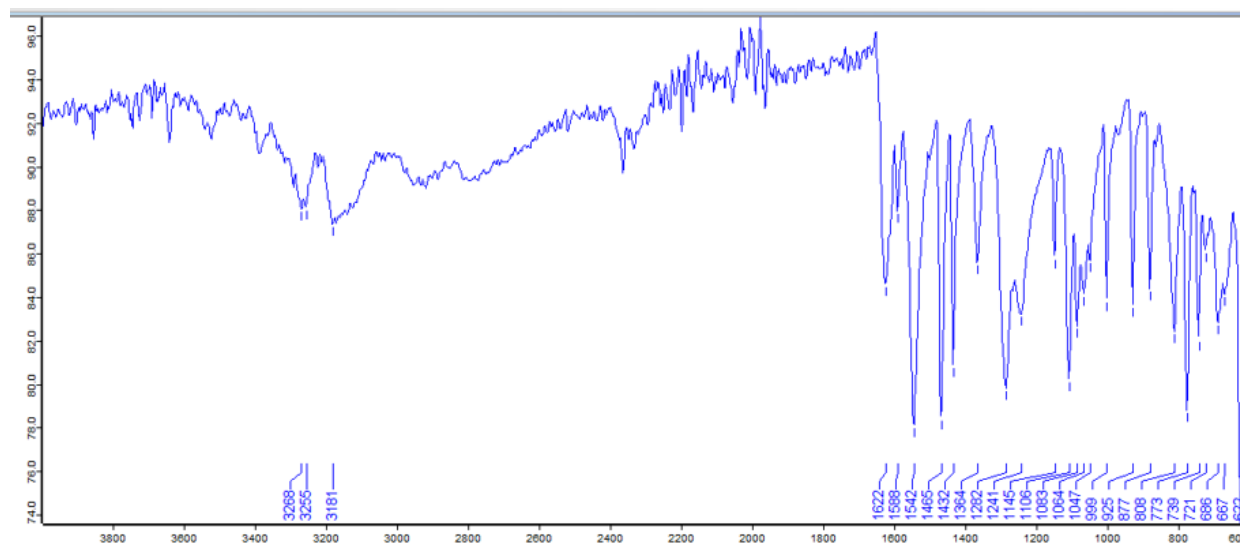


## Supplementary Materials:

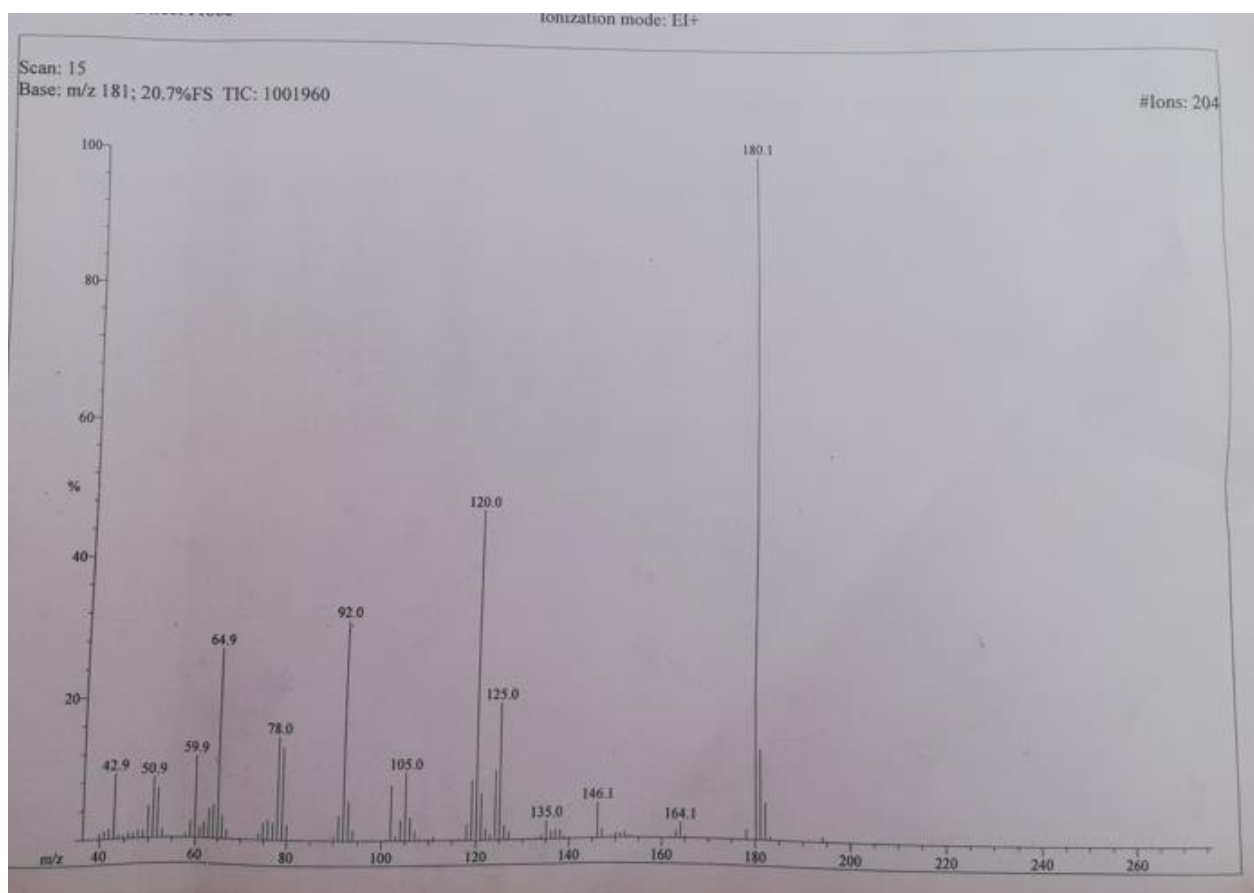
# Exploring Novel Pyridine Carboxamide Derivatives as Urease Inhibitors: Synthesis, Molecular Docking, Kinetic Studies and ADME Profile

RX- 1

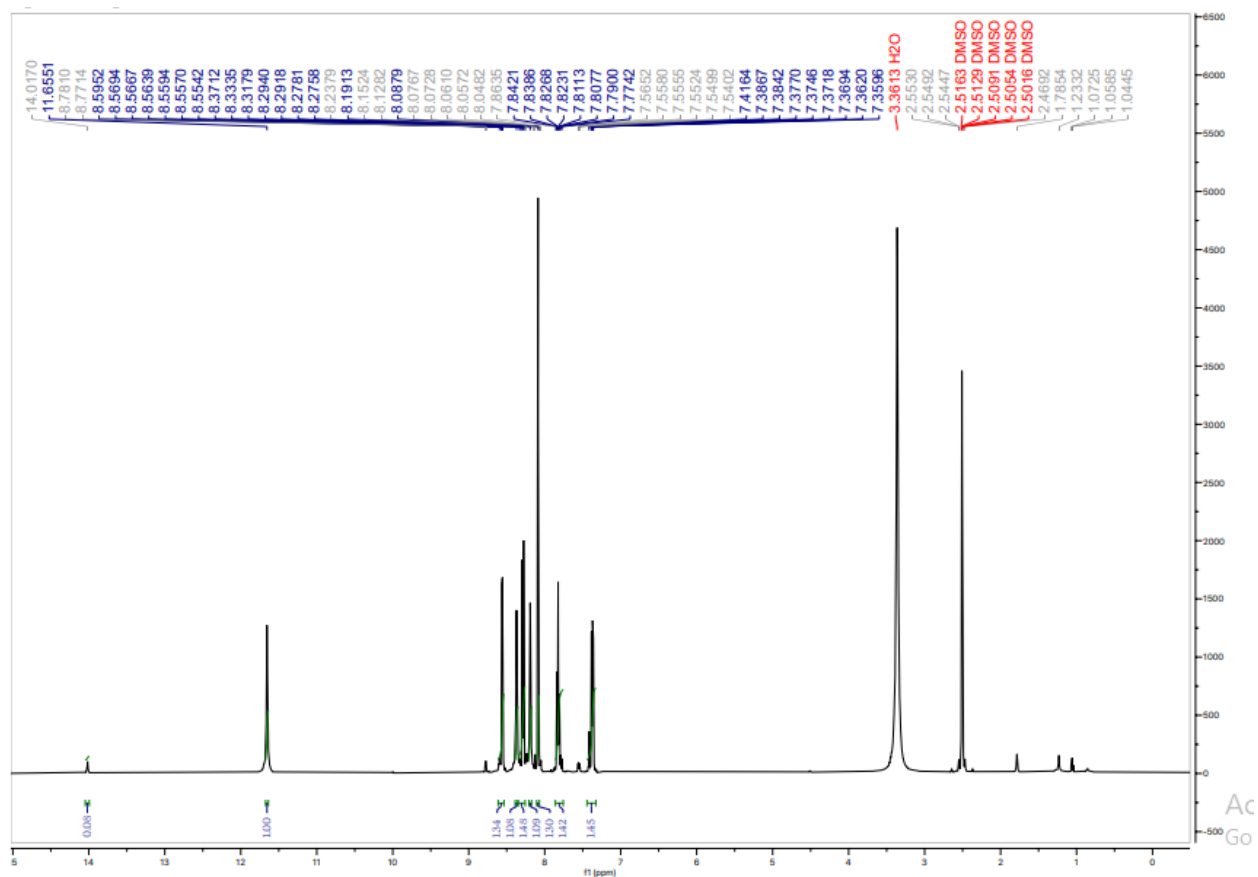
IR



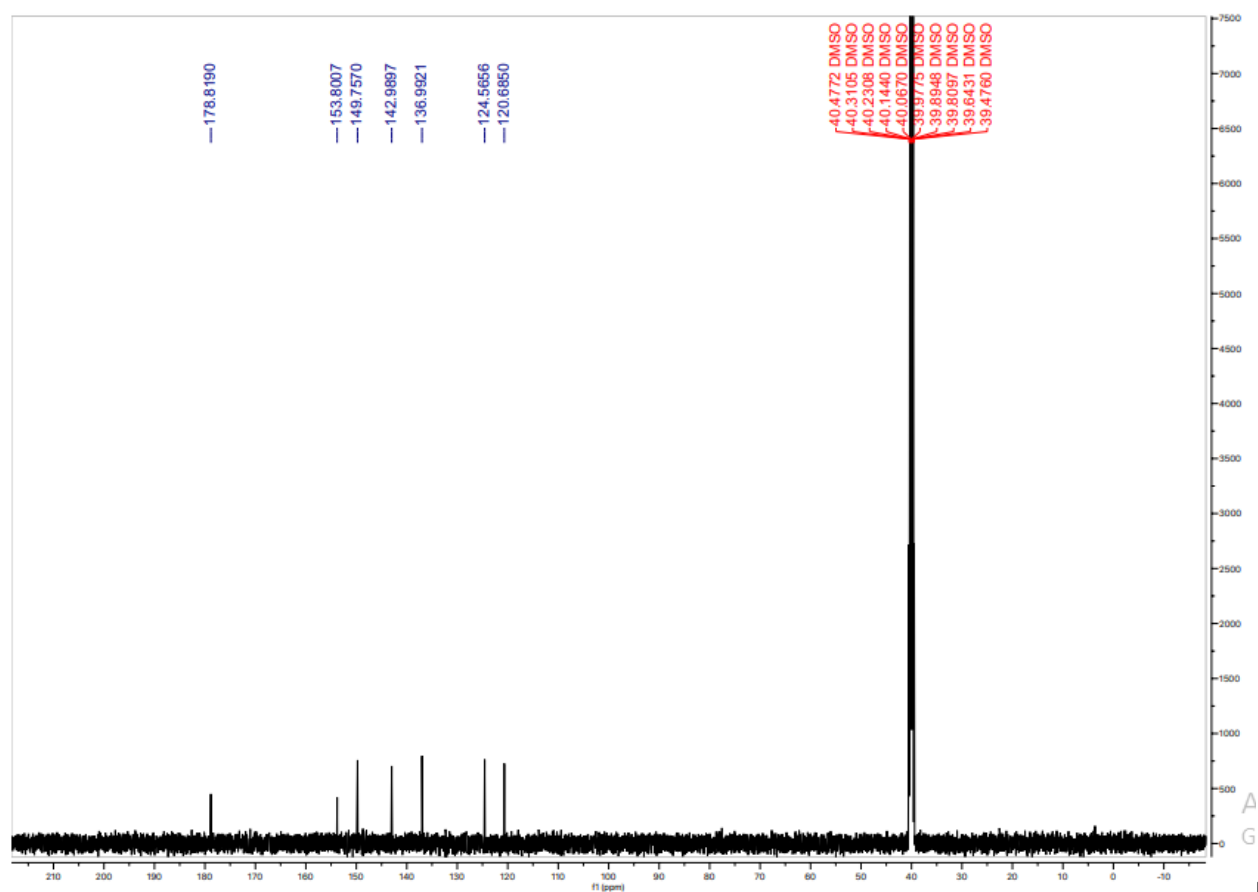
Mass



# <sup>1</sup>H NMR

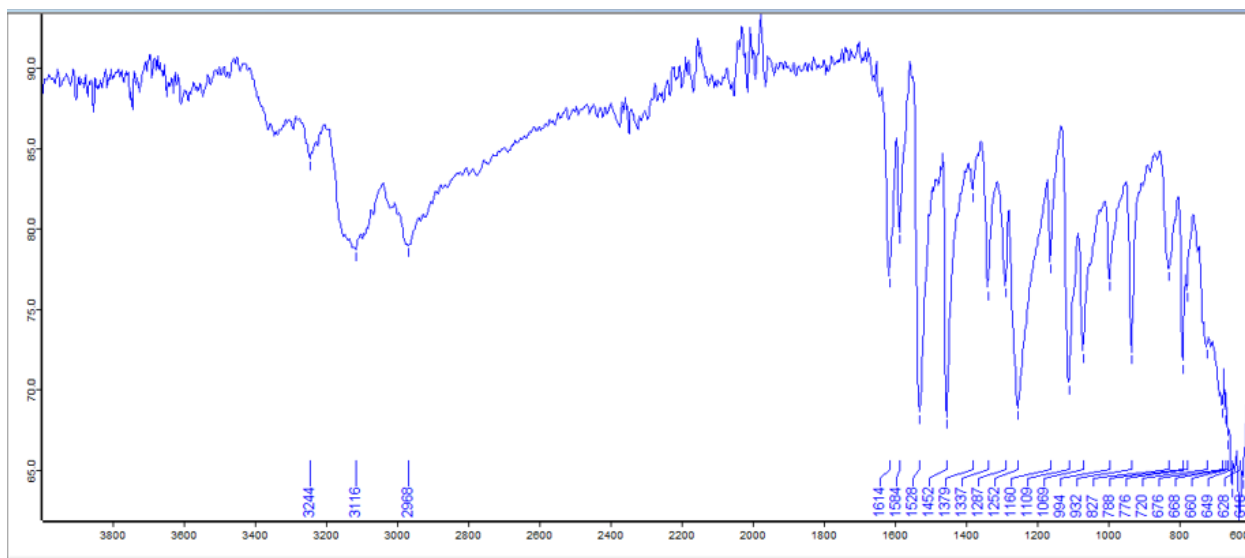


## <sup>13</sup>C NMR

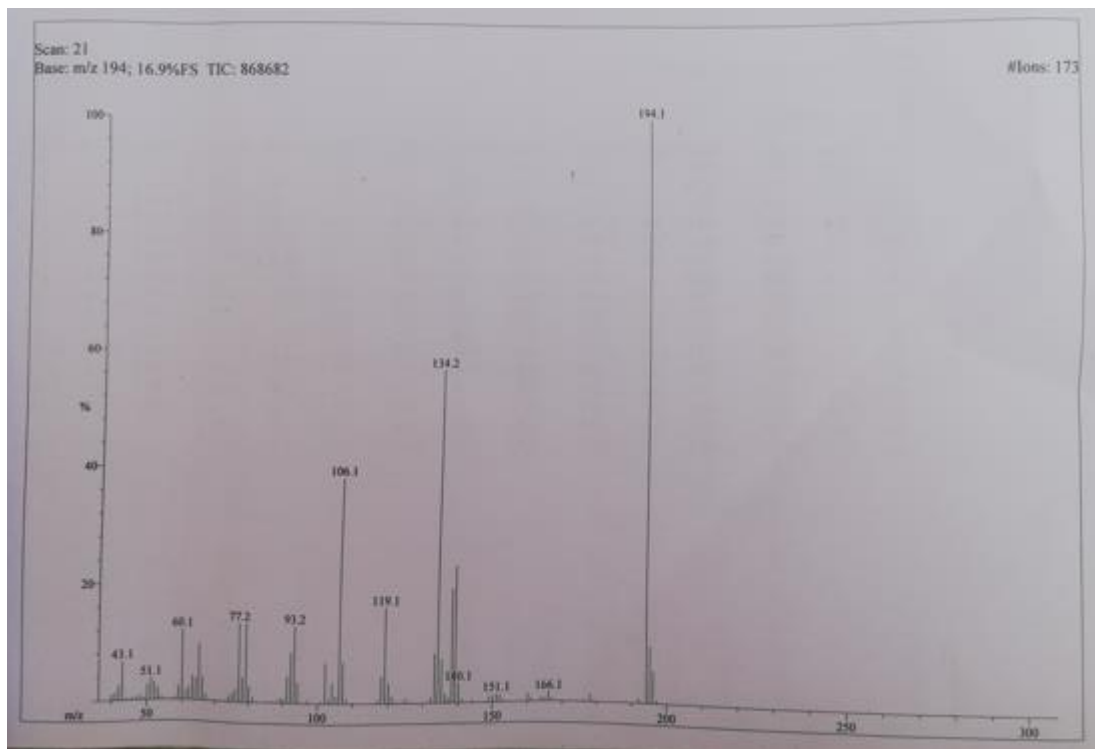


RX-2

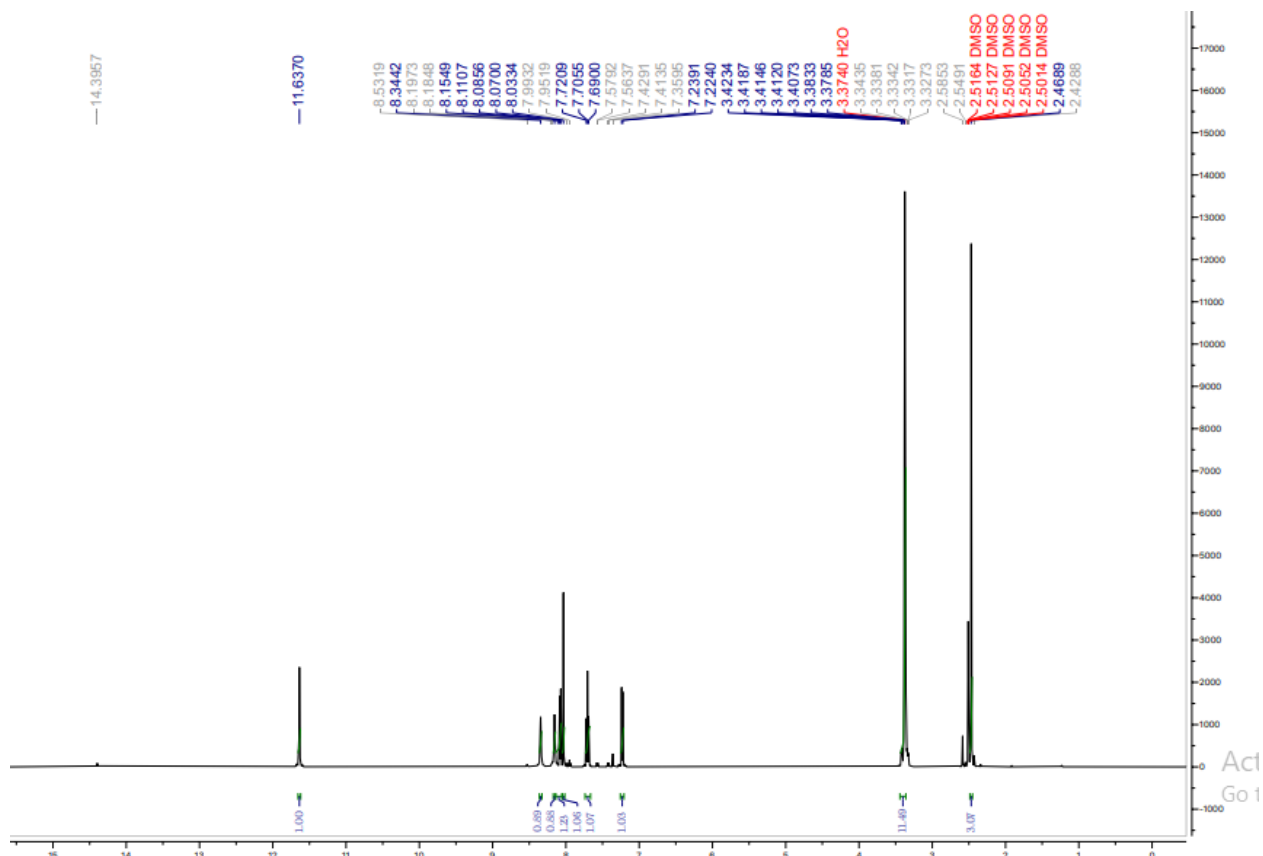
## IR

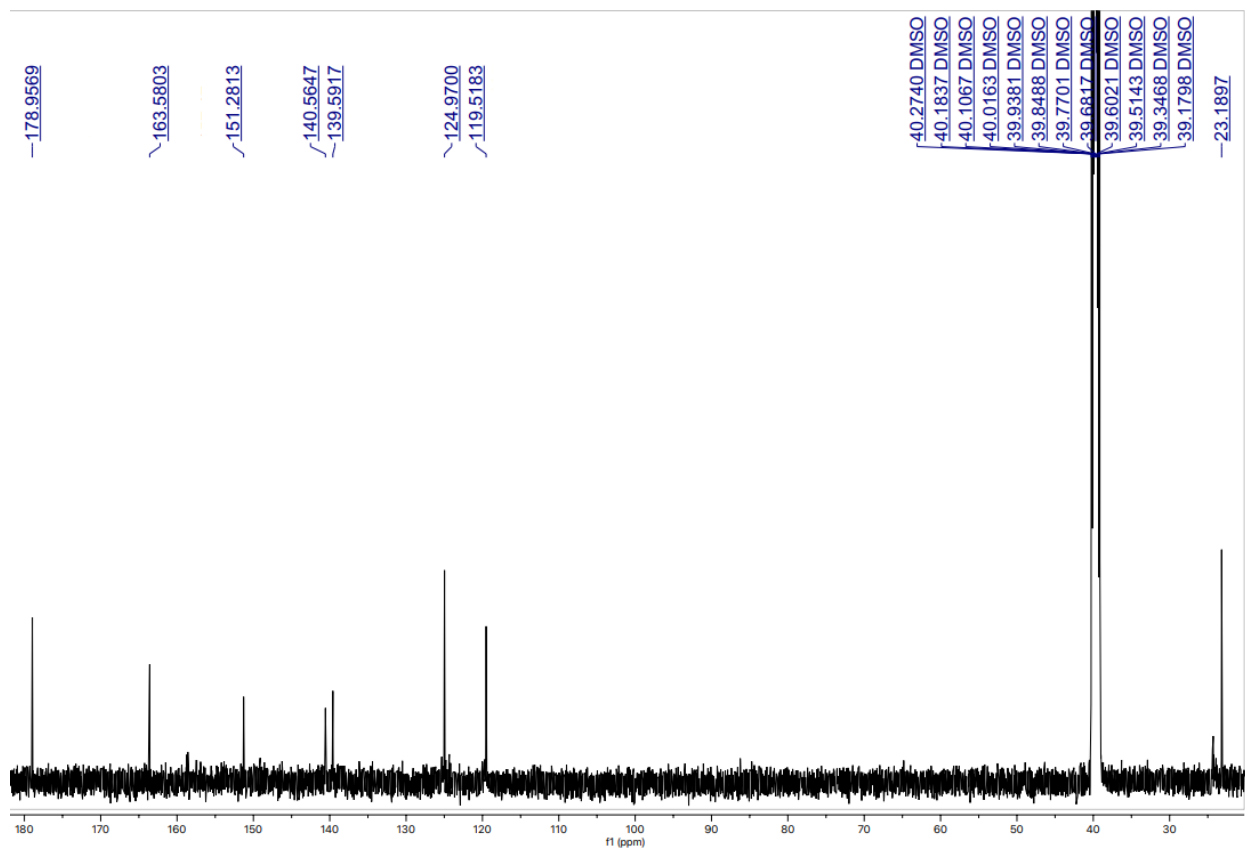


## Mass



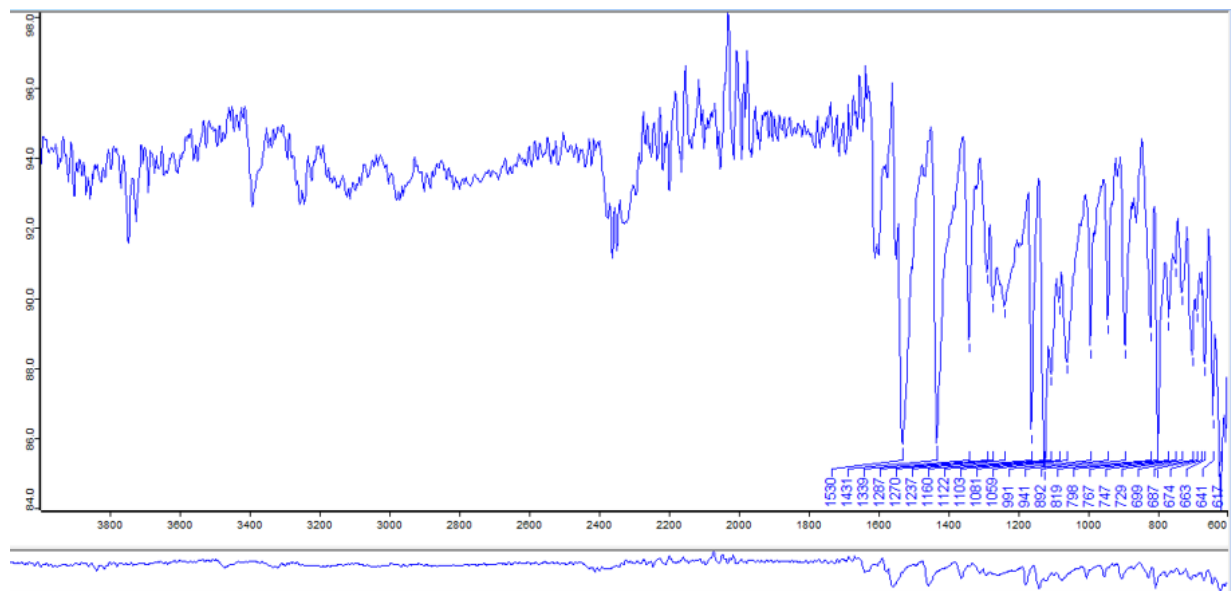
NMR



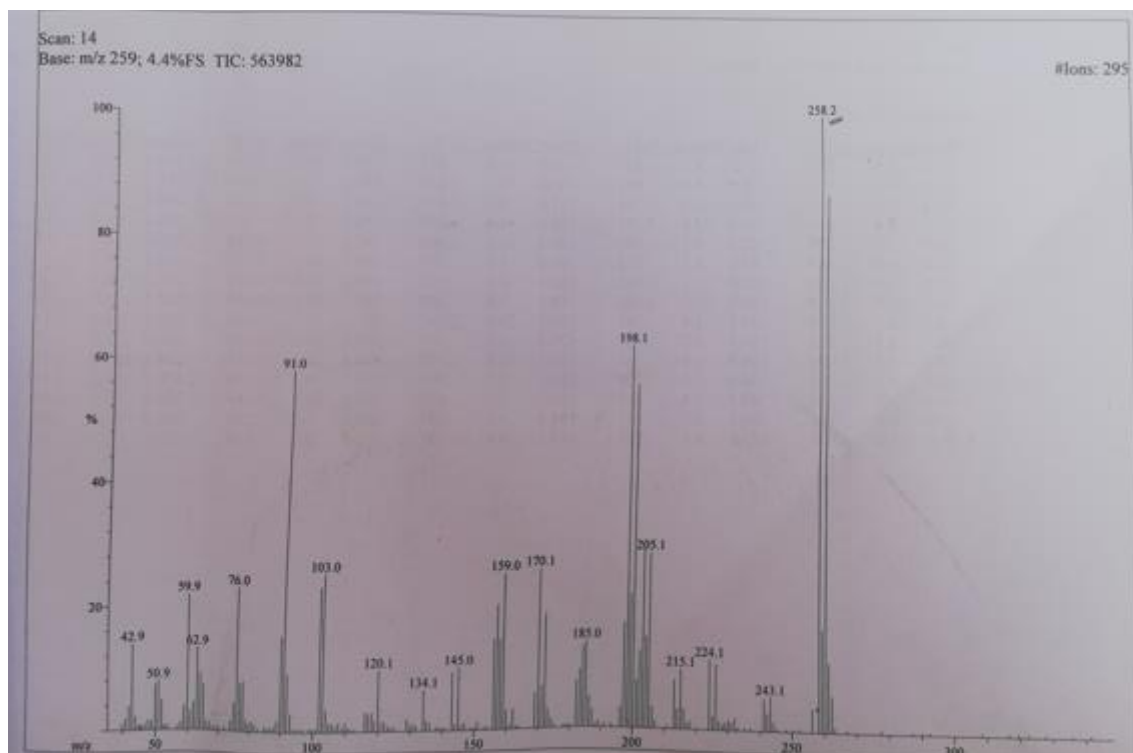


R-3

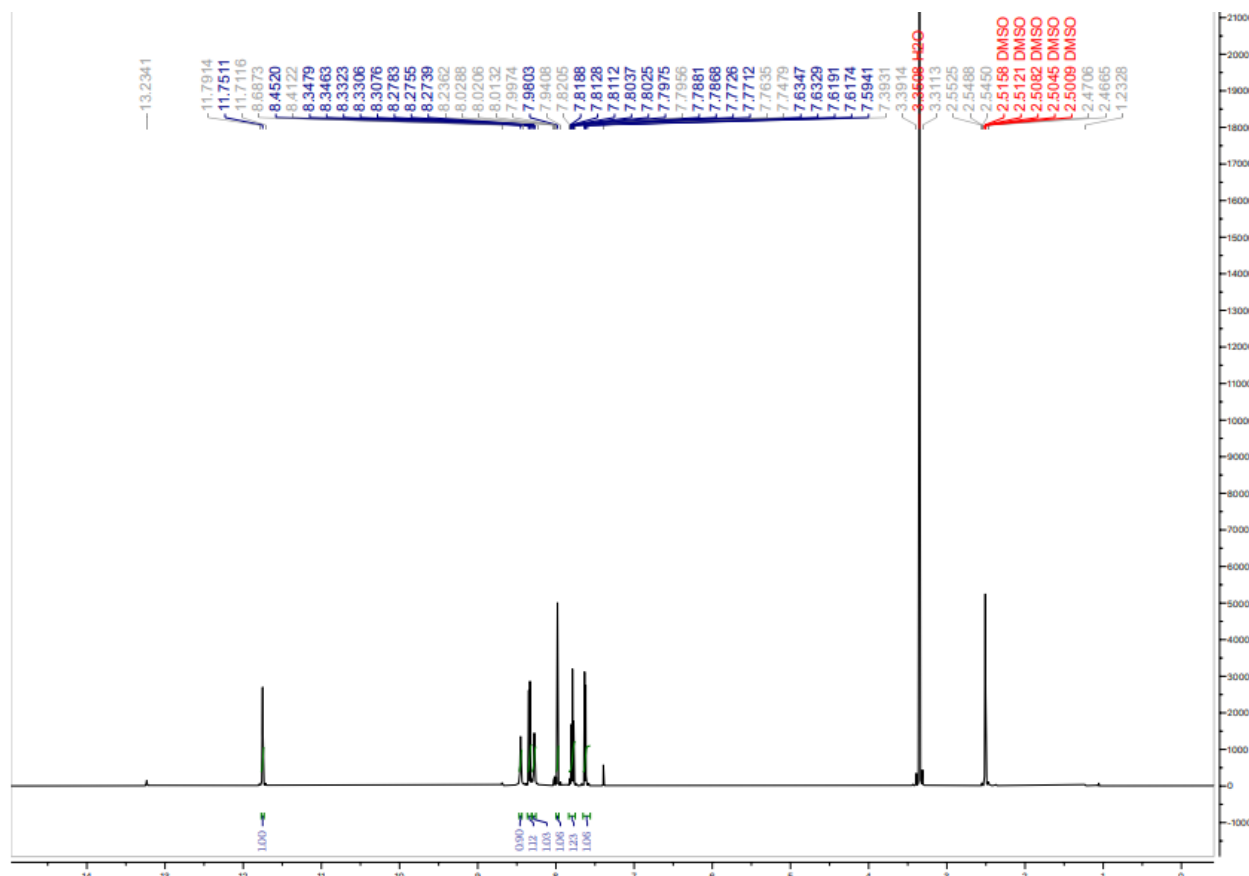
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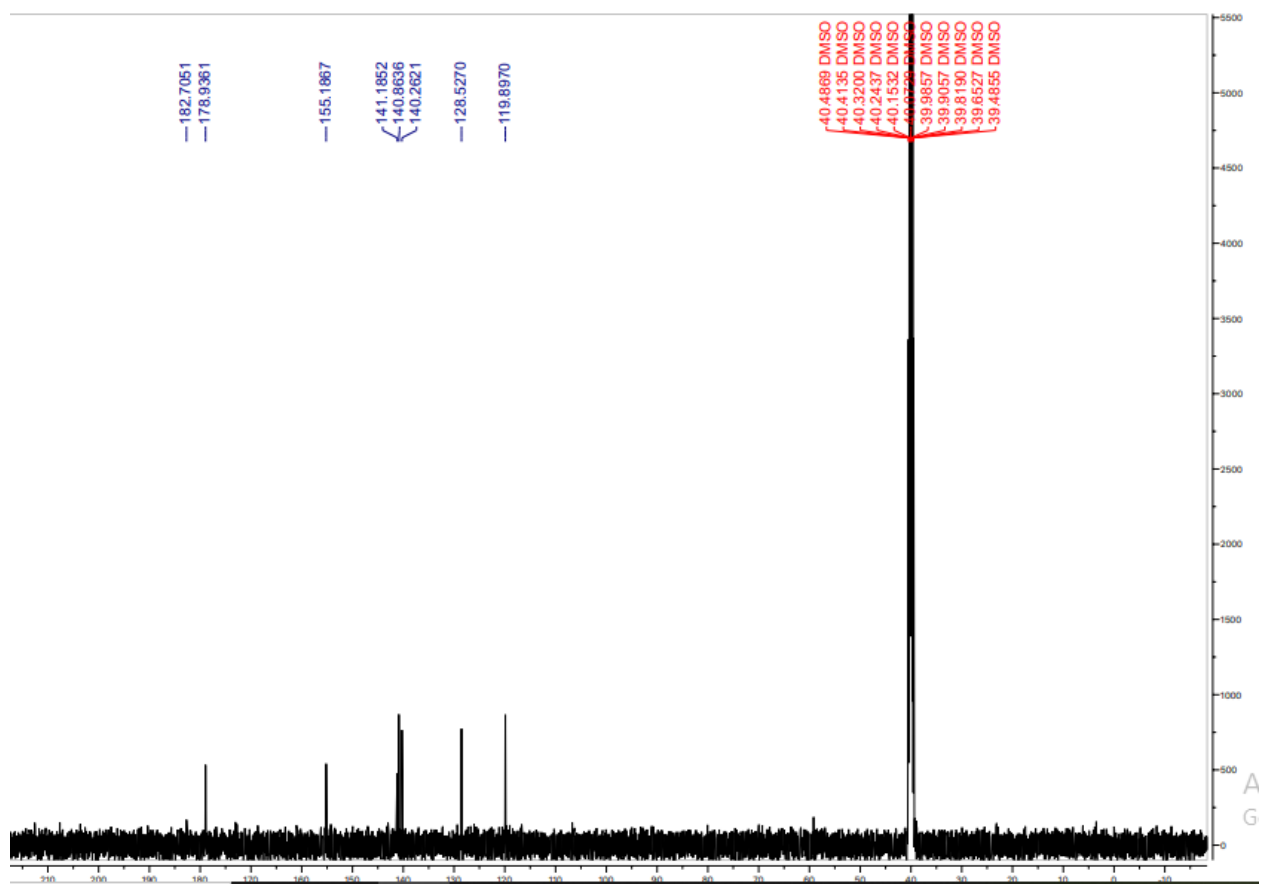


Mass



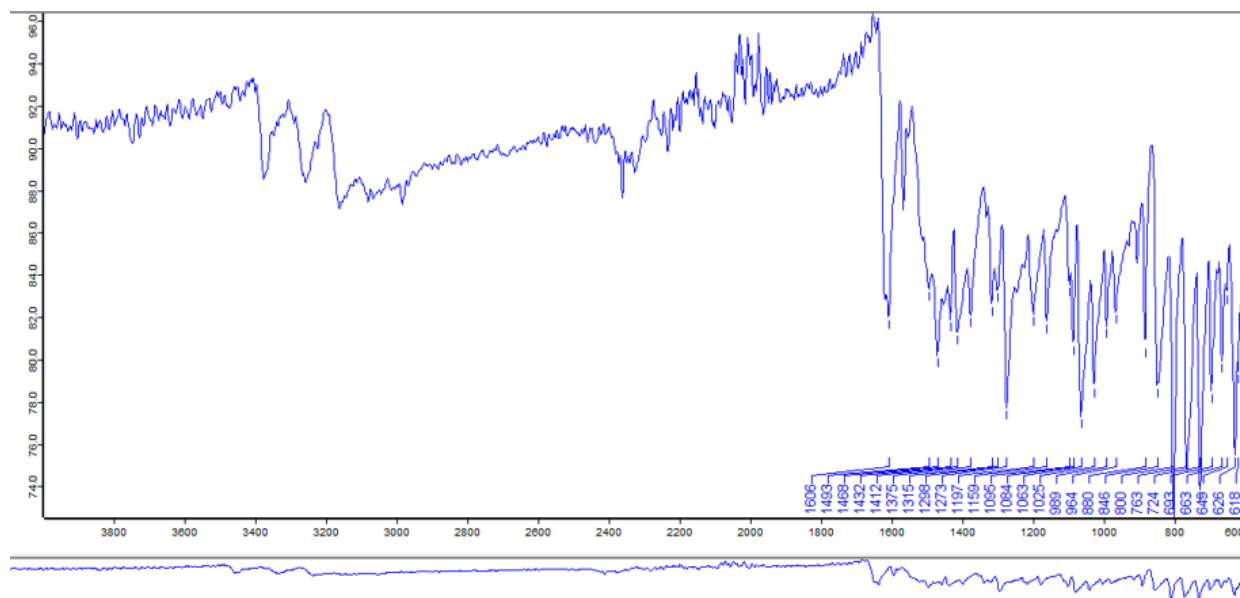
NMR



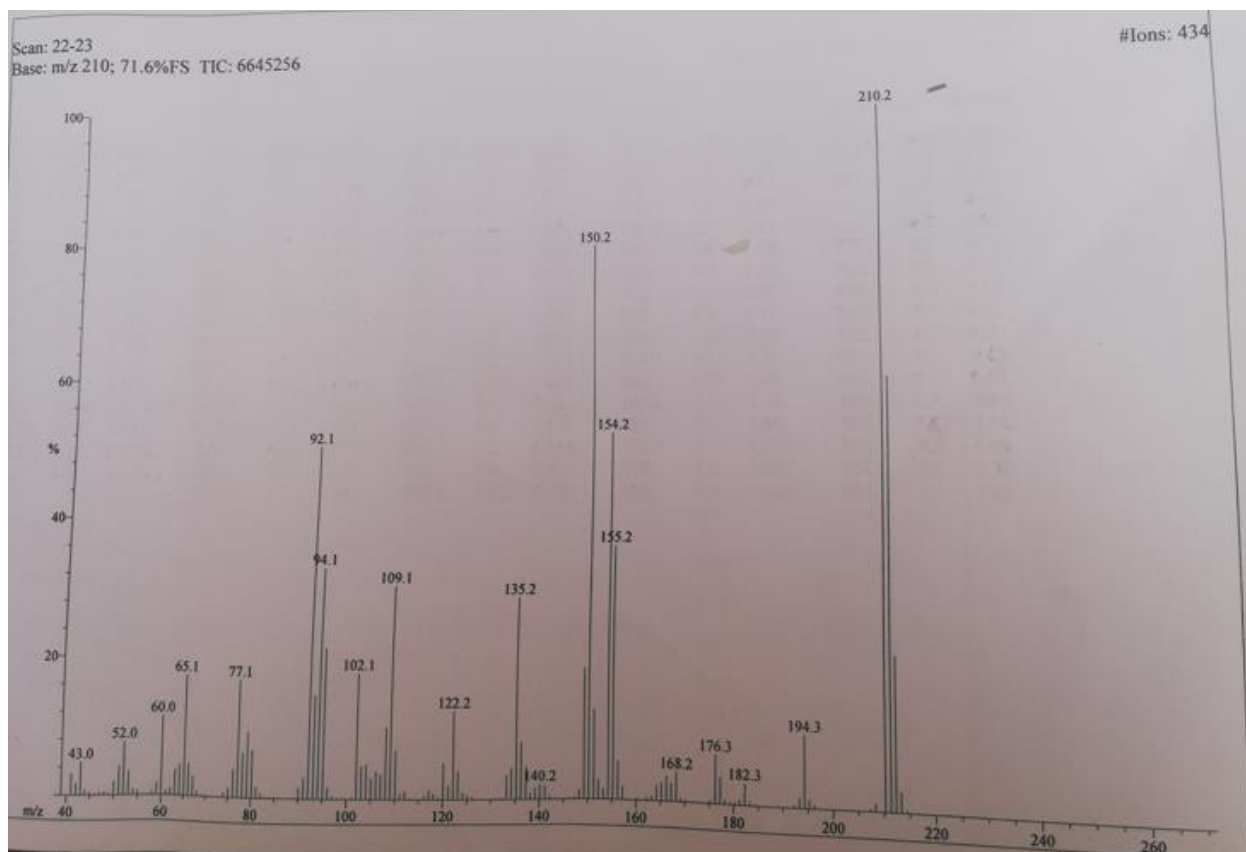


Rx-4

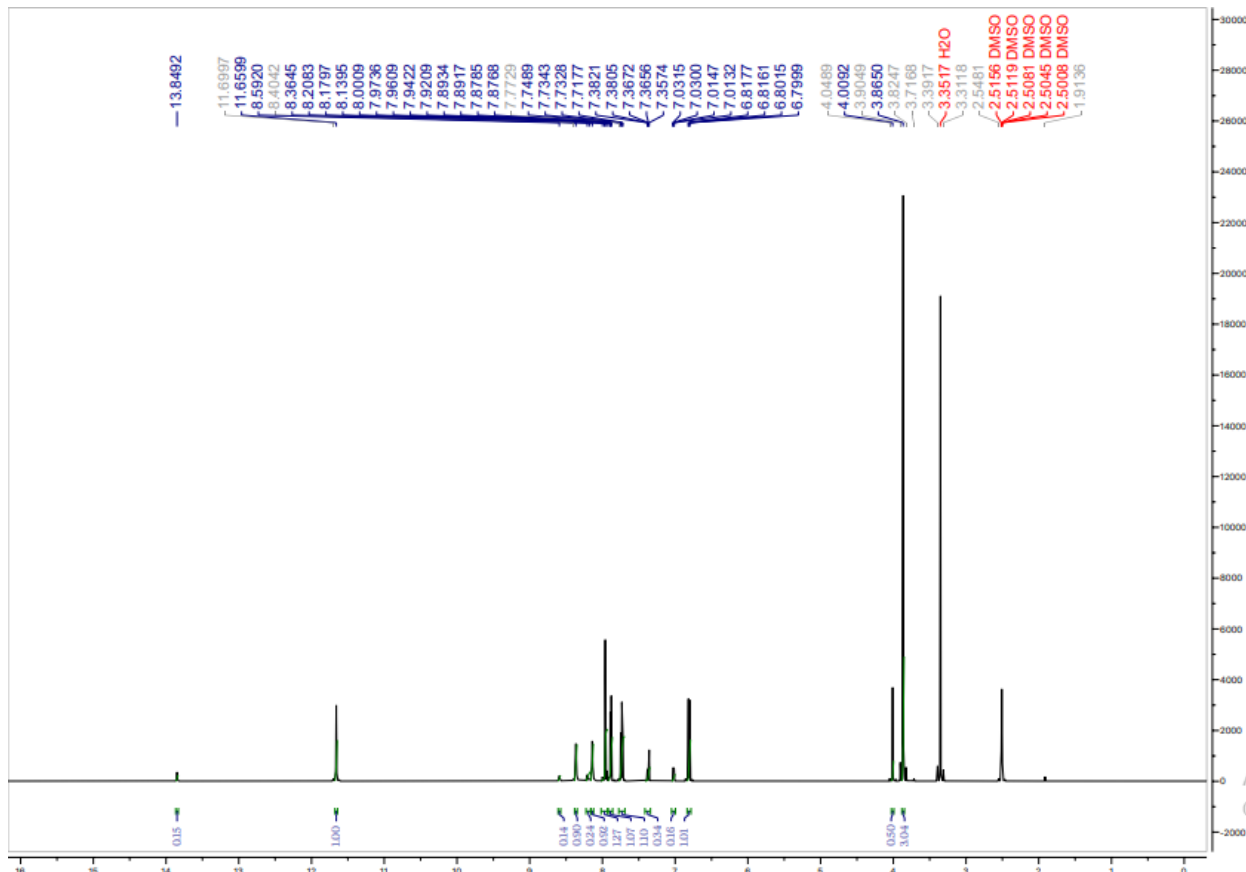
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Mass



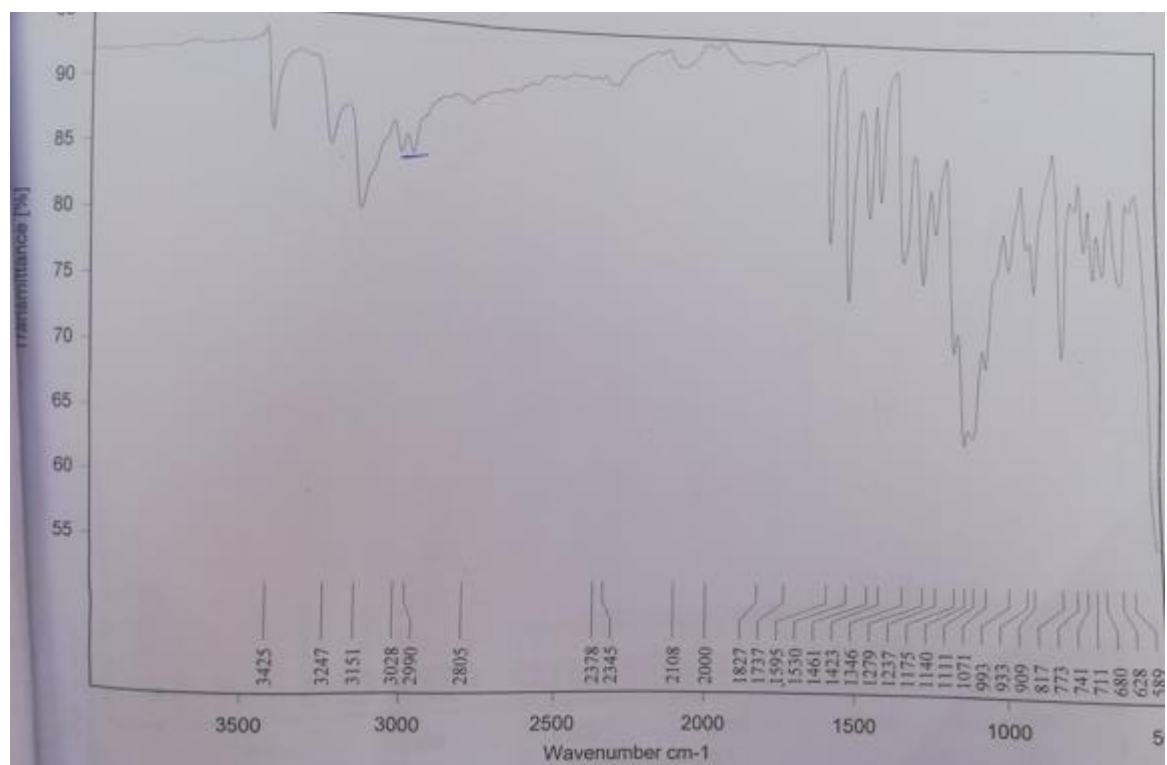
NMR



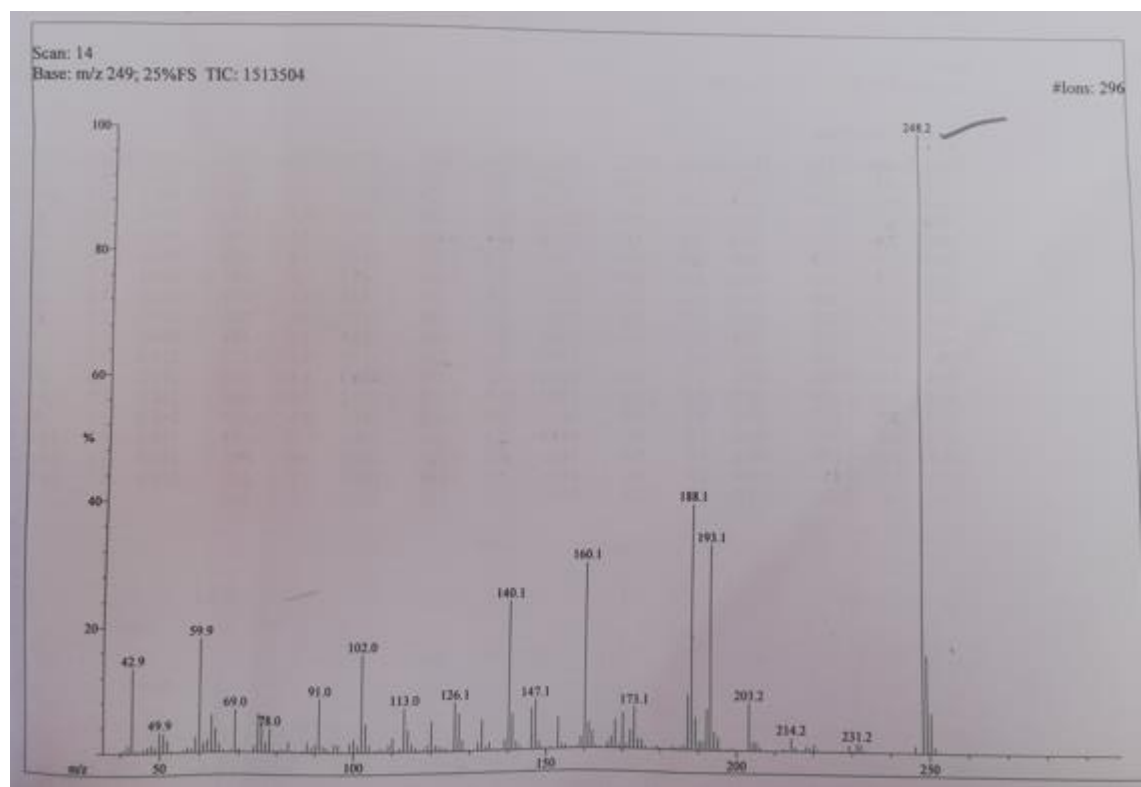
Rx-5



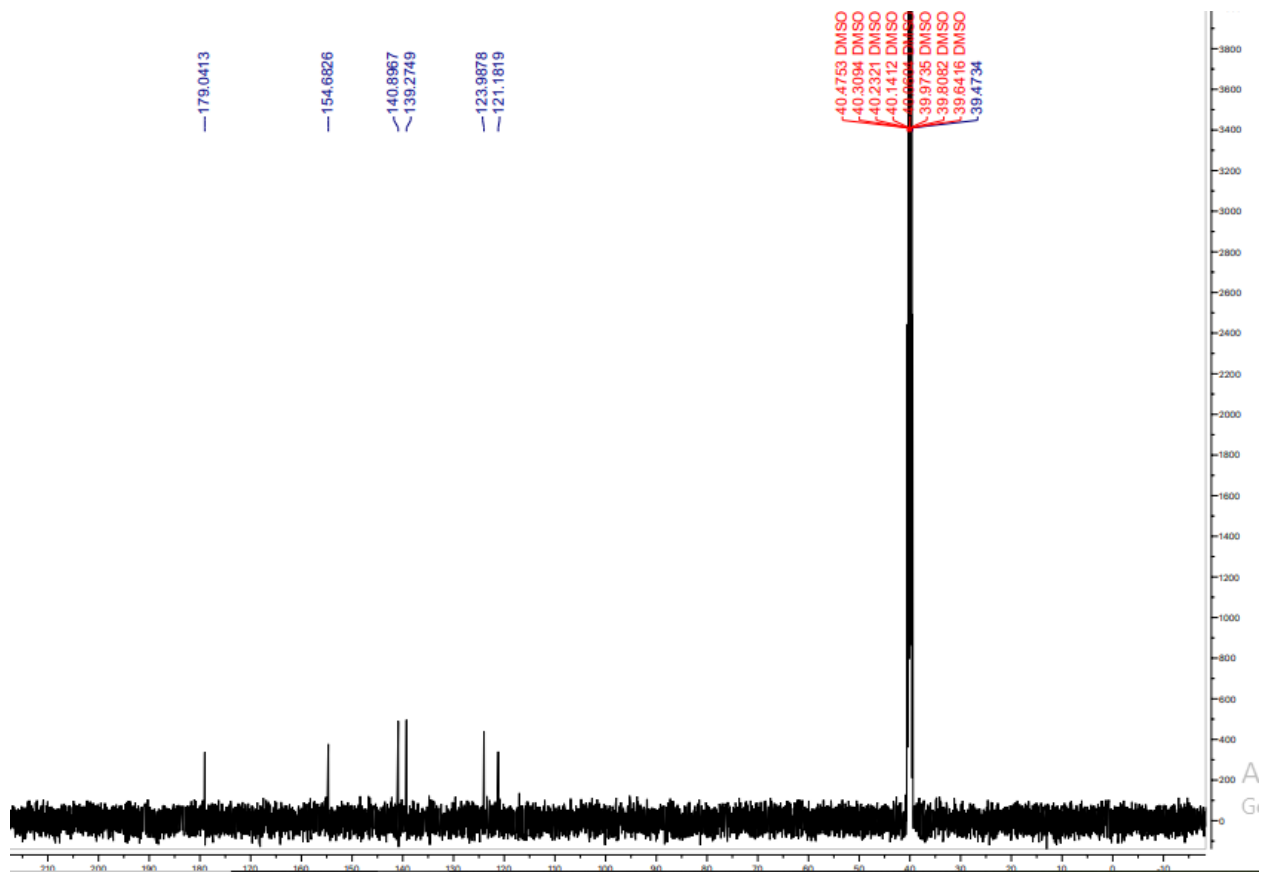
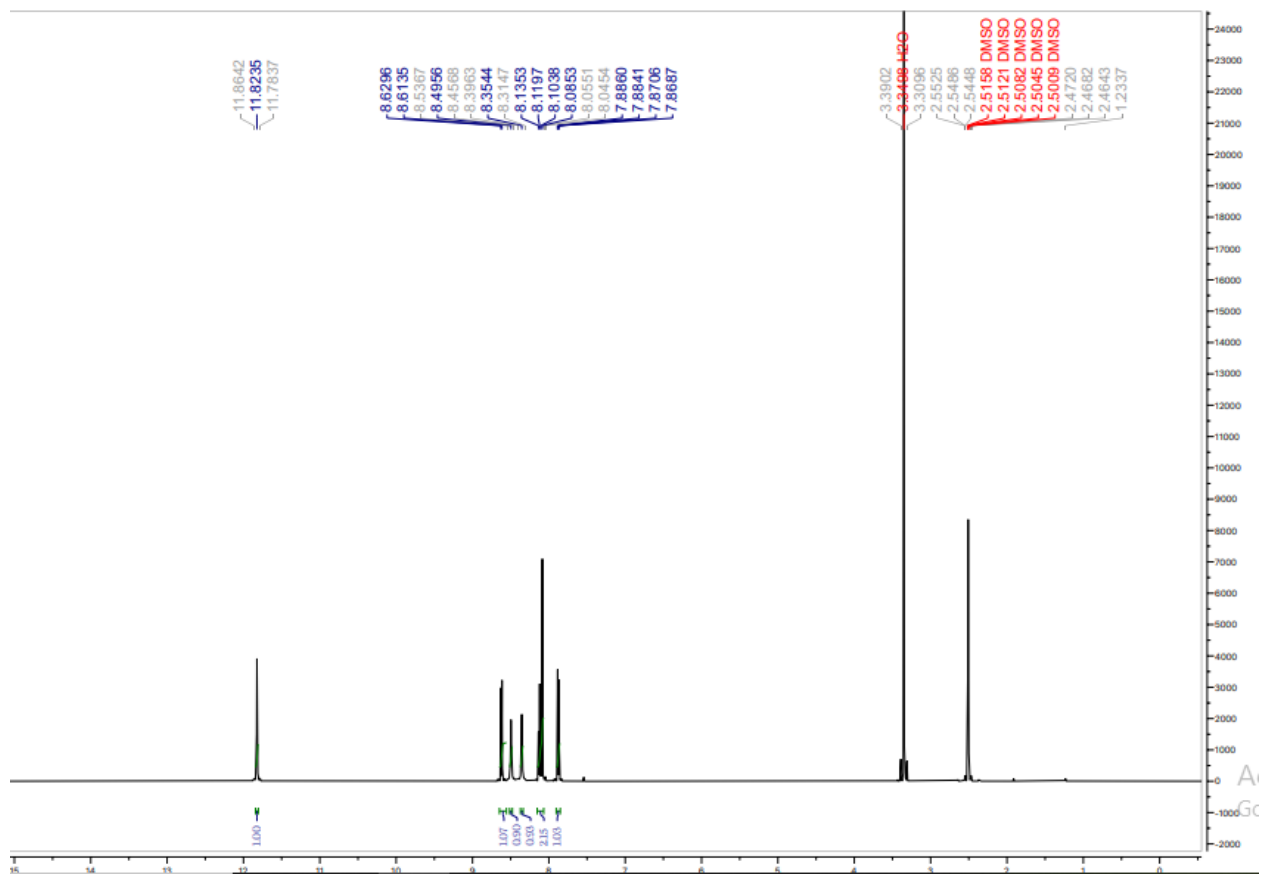
IR



Mass

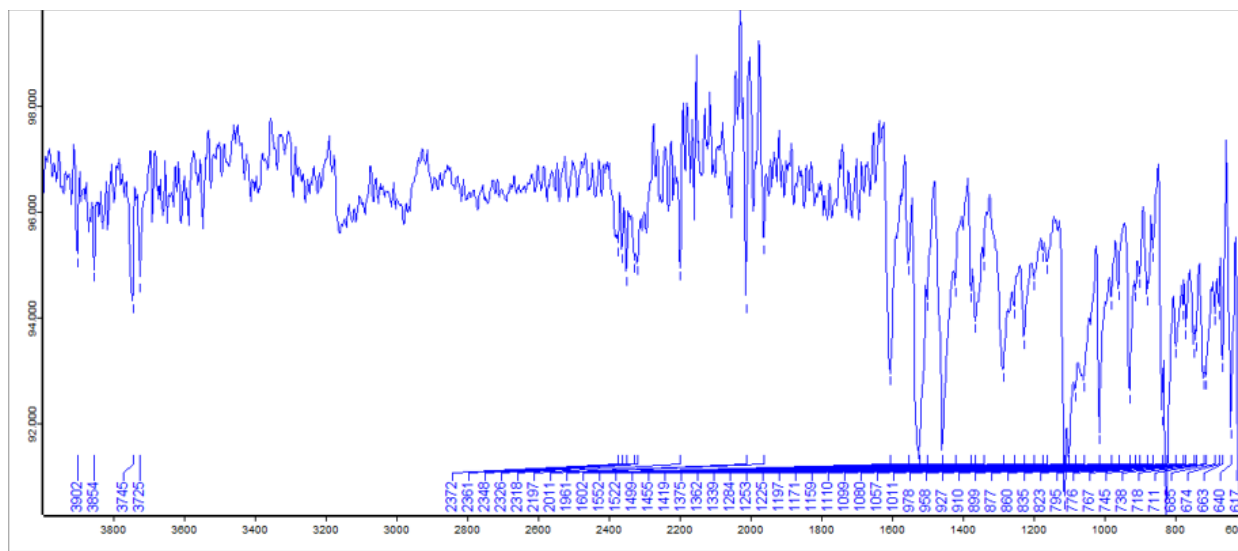


NMR

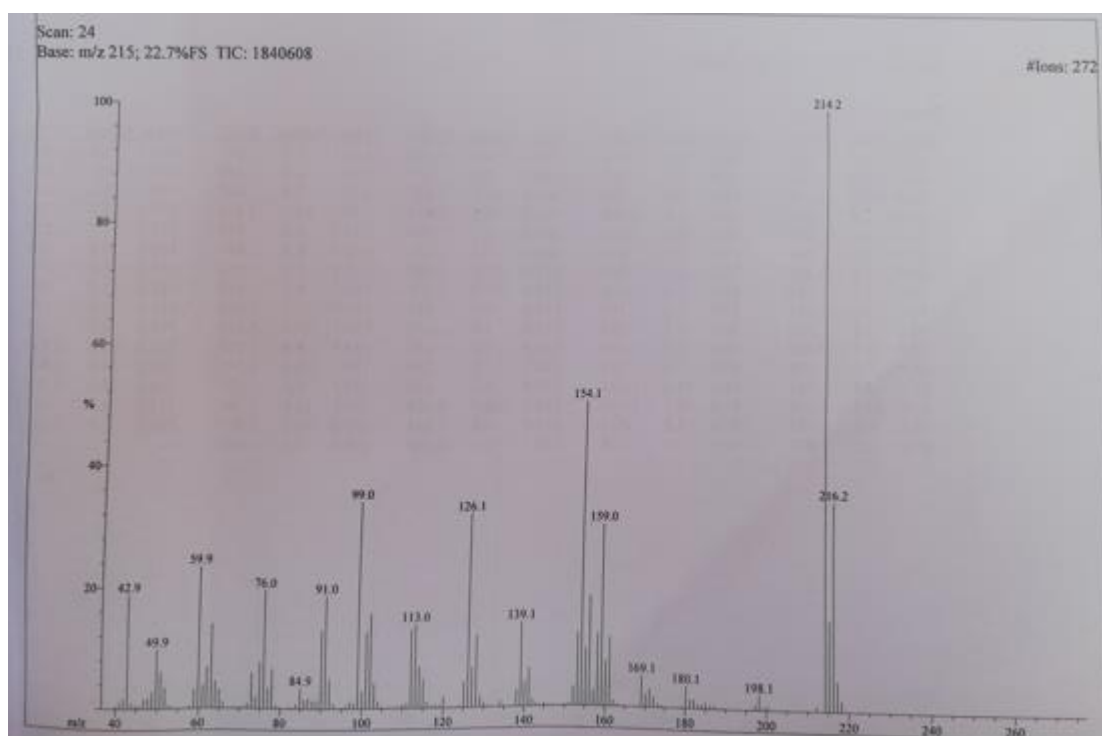


Rx-6

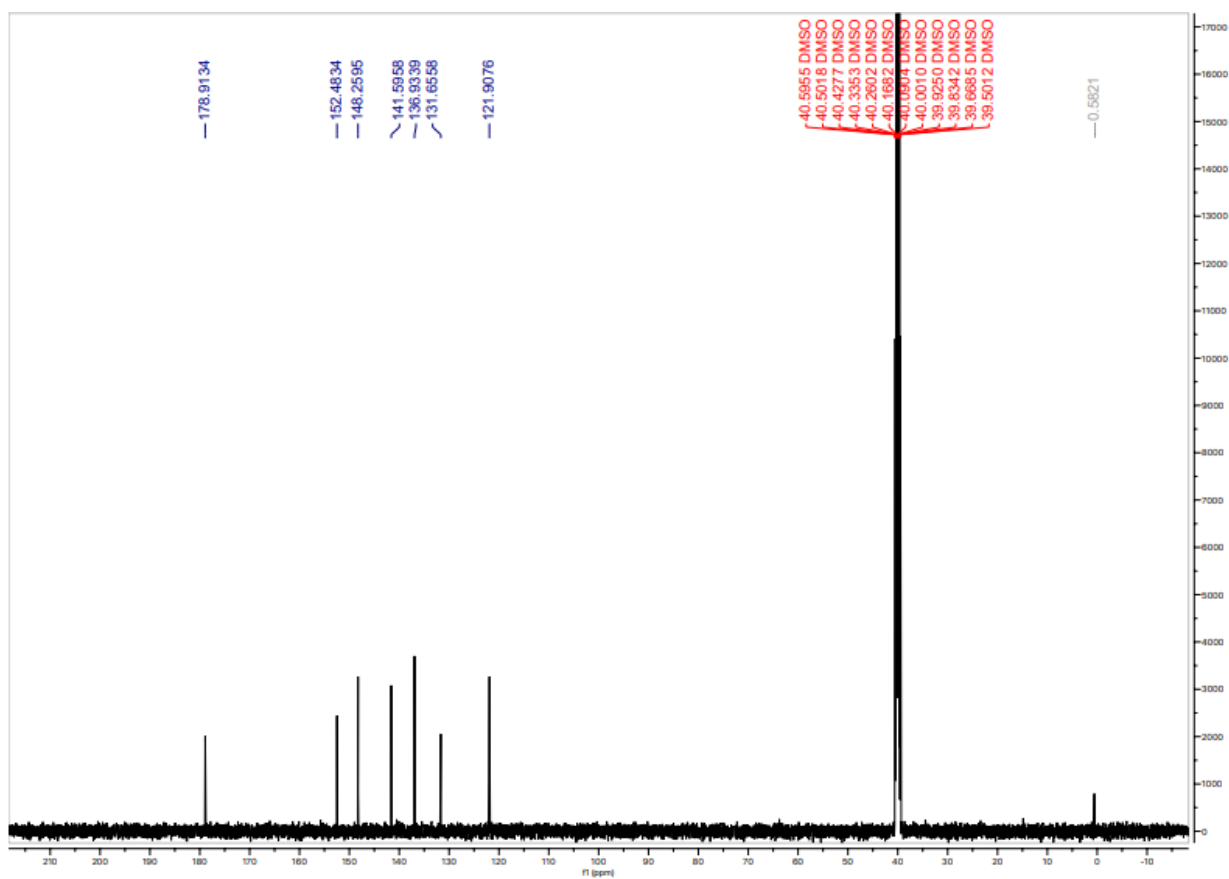
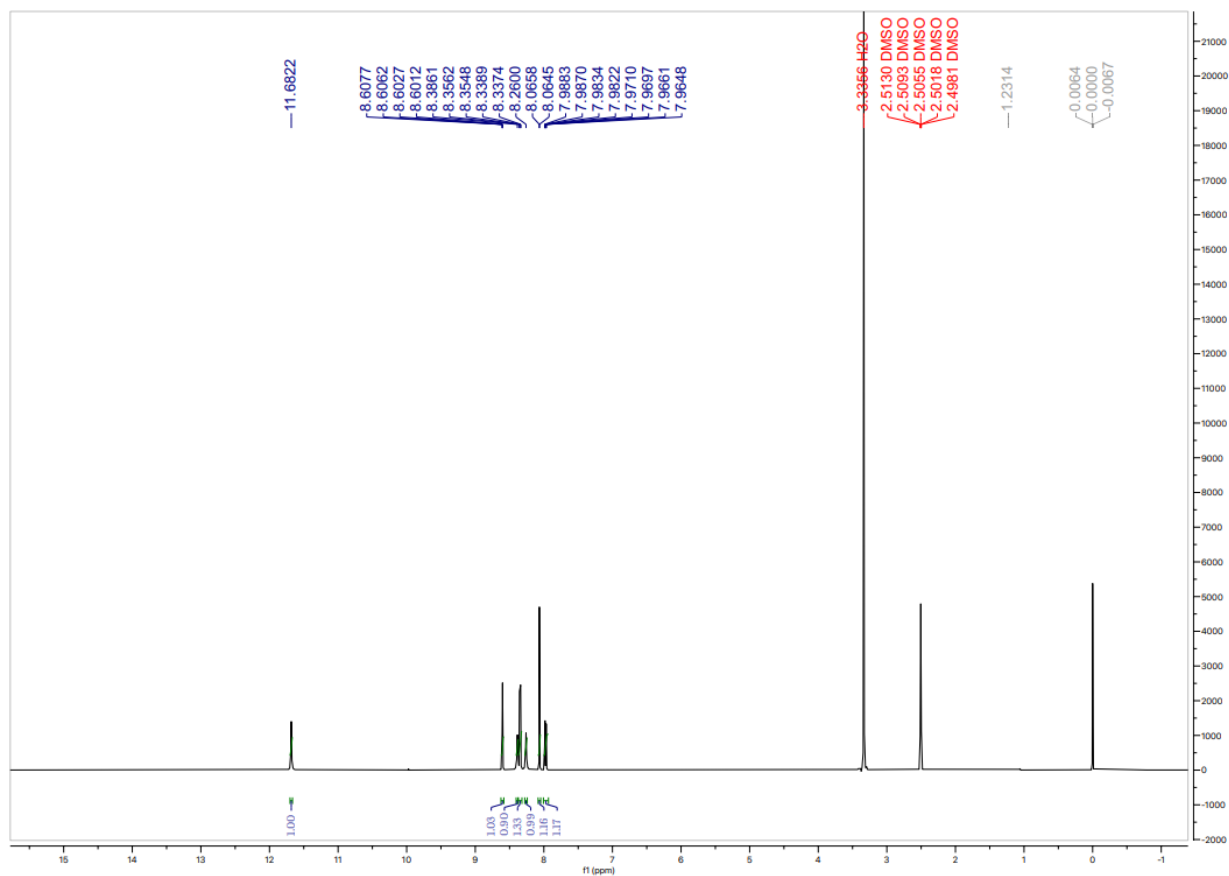
IR



## Mass

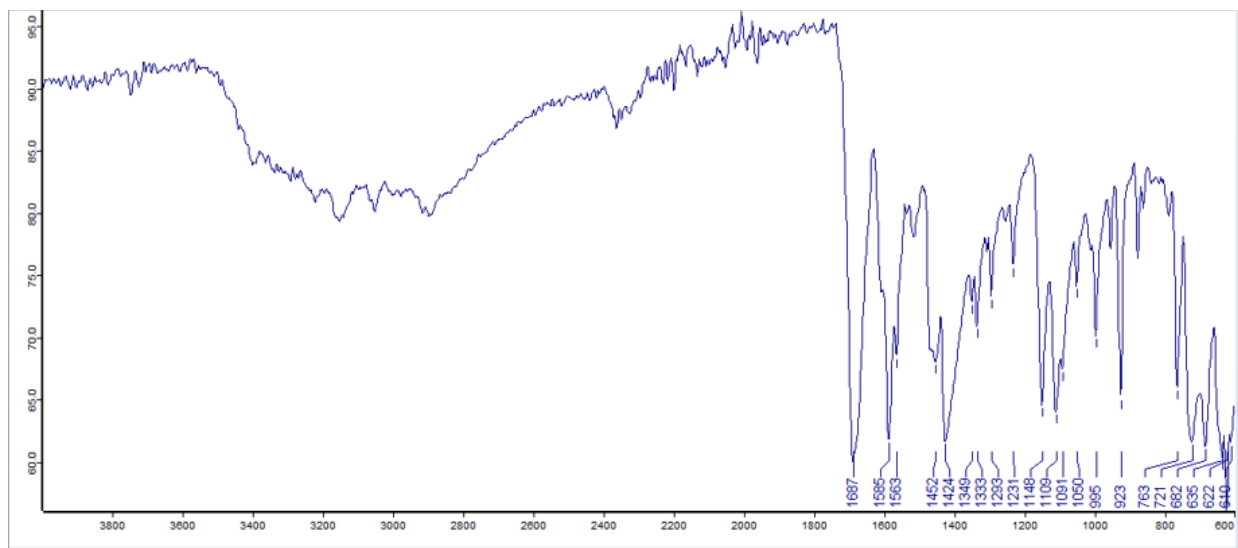


## NMR



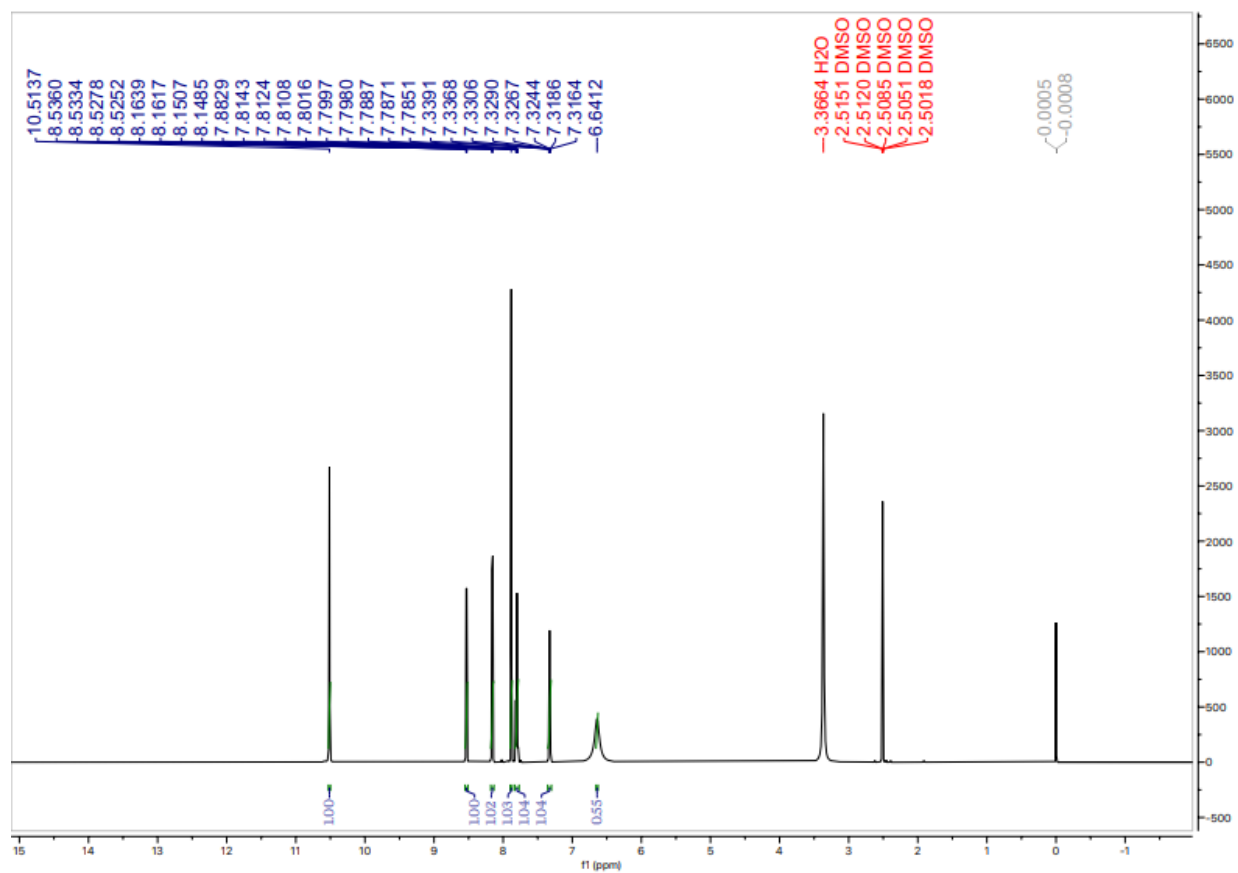
Rx-7

IR



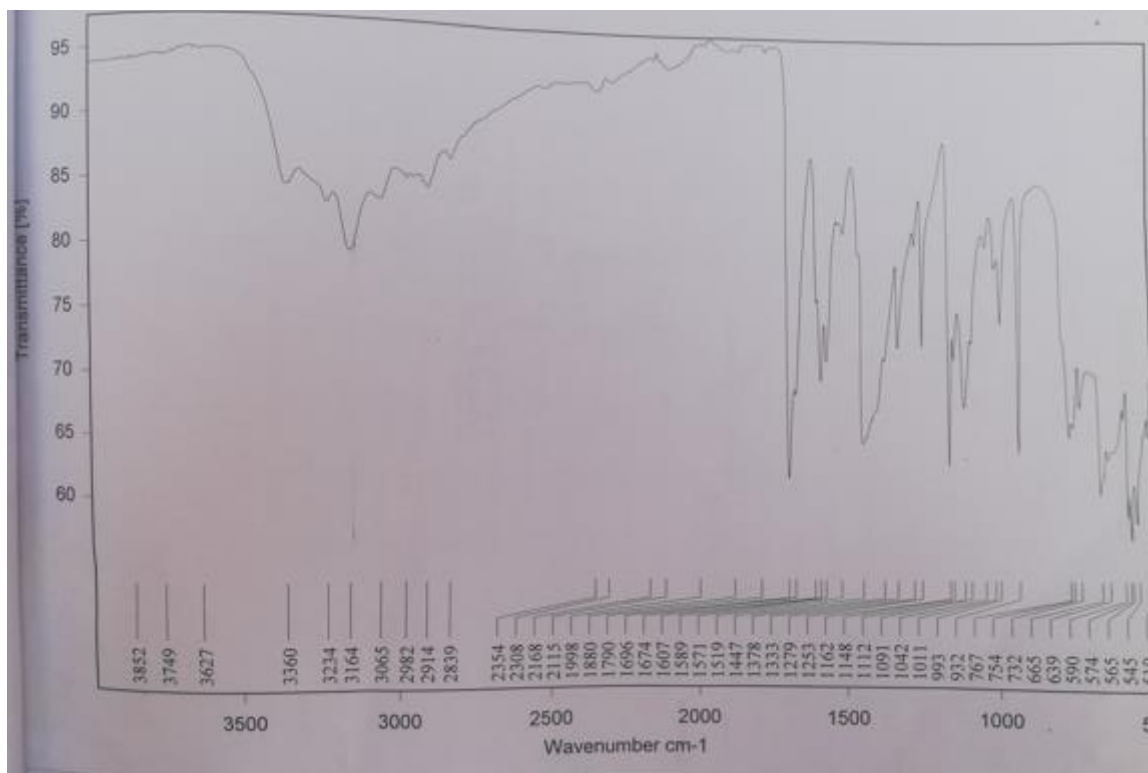
Mass

NMR



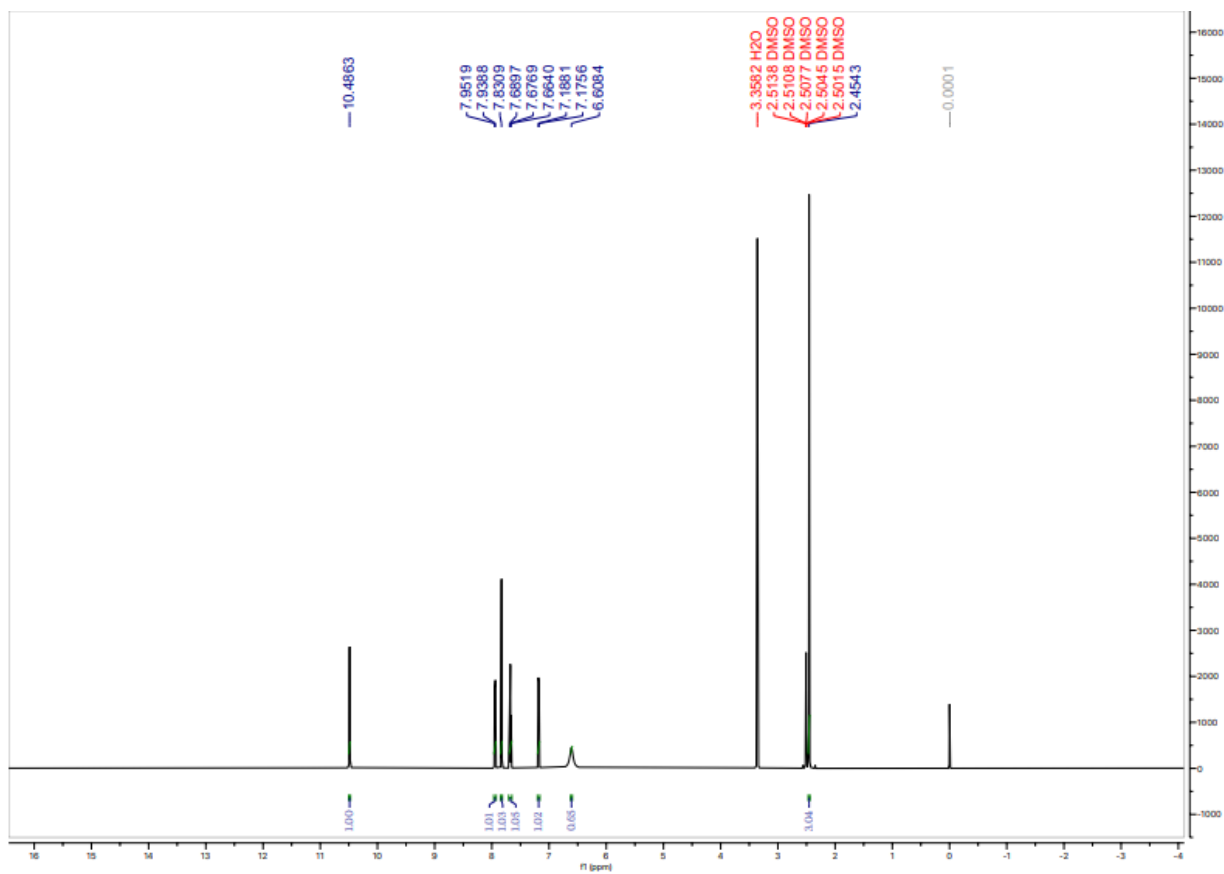
Rx-8

IR



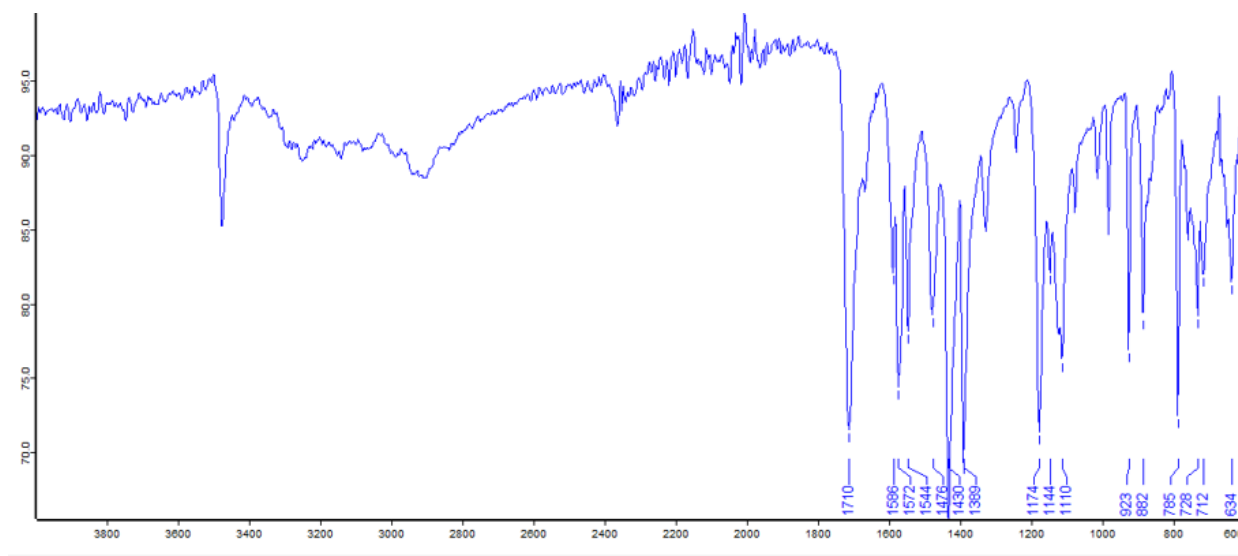
Mass

NMR

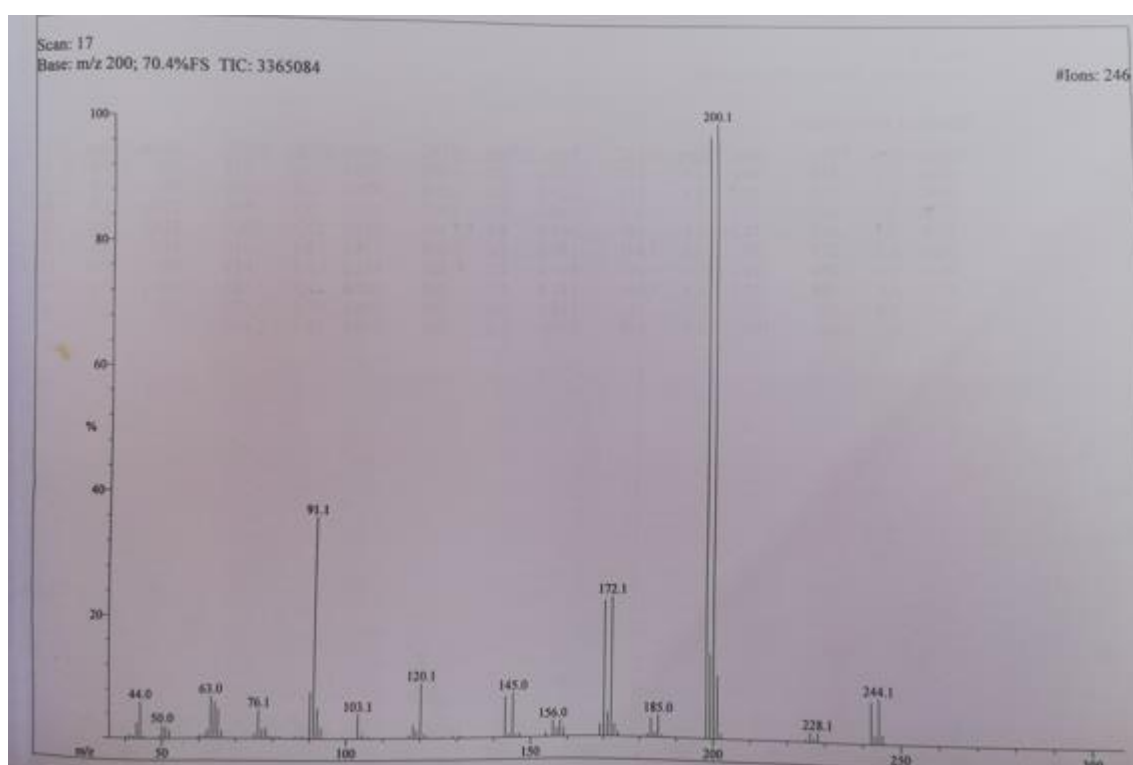


Rx-9

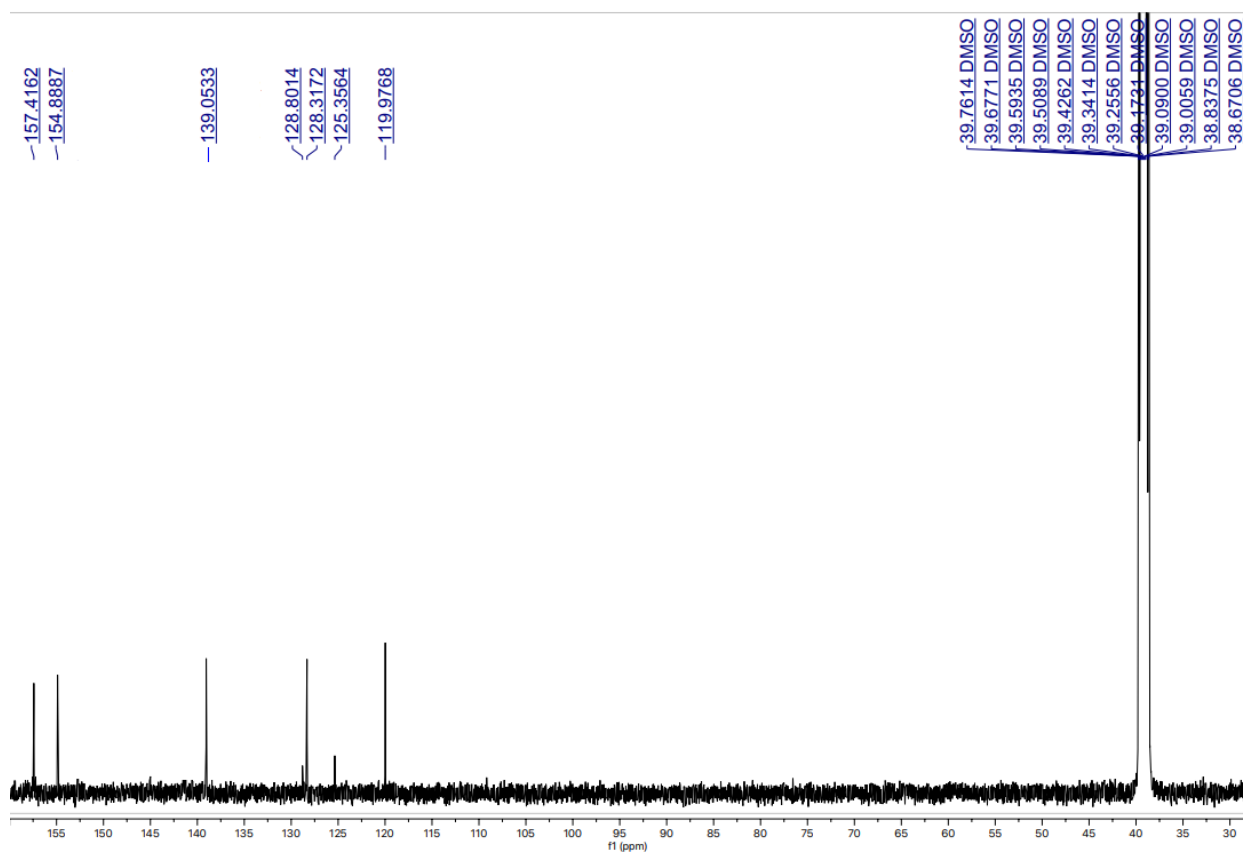
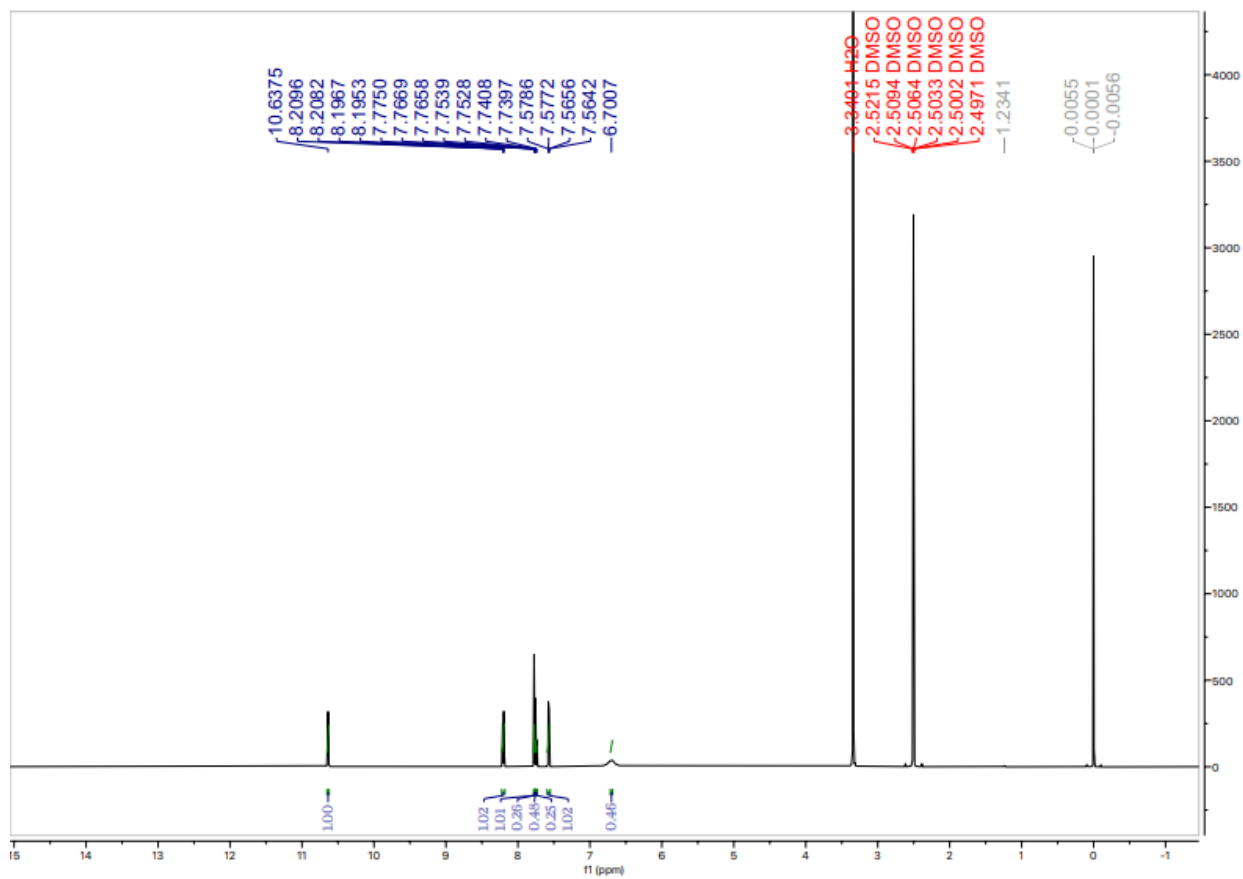
IR



Mass



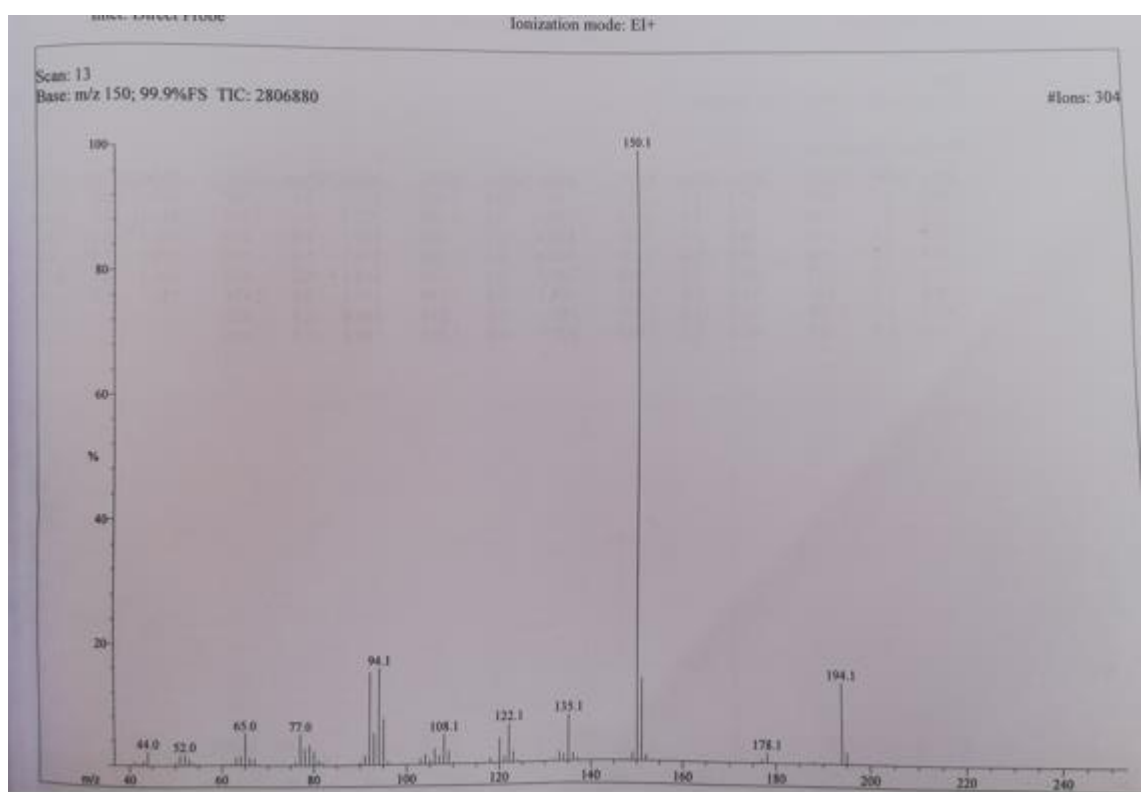
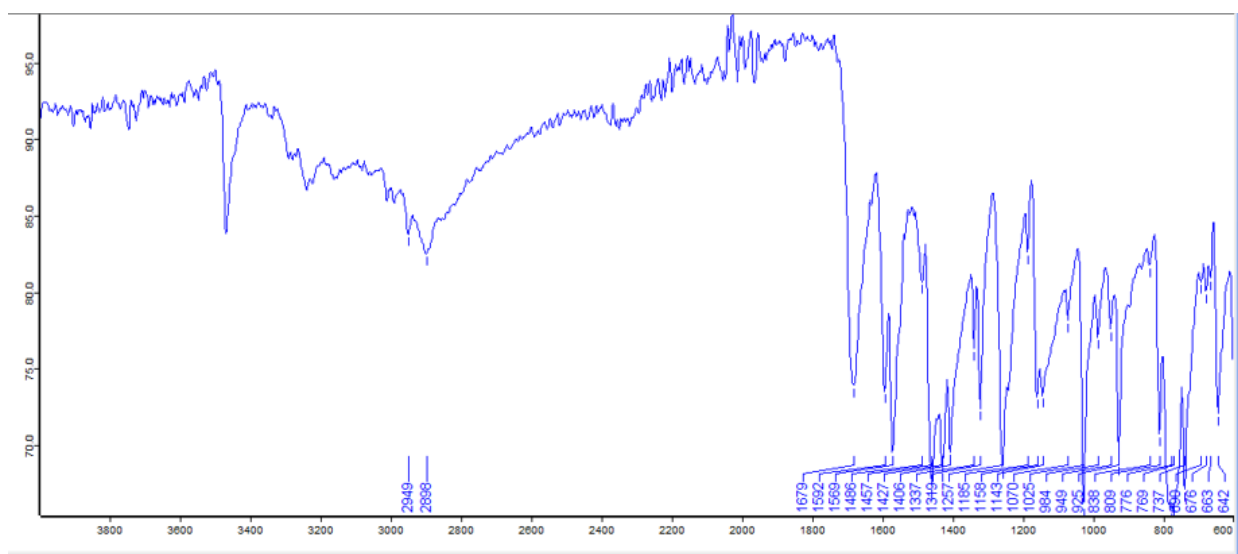
NMR



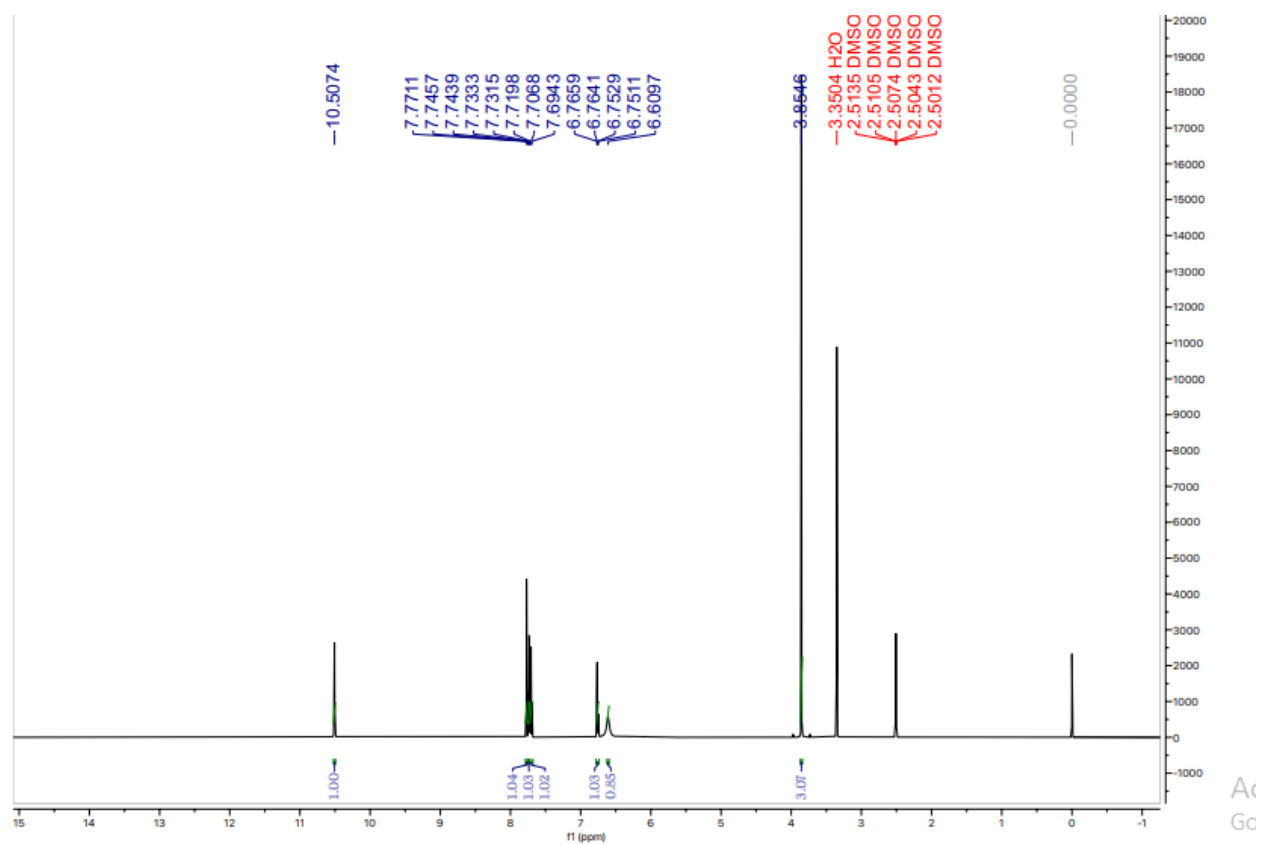
RX-10

IR



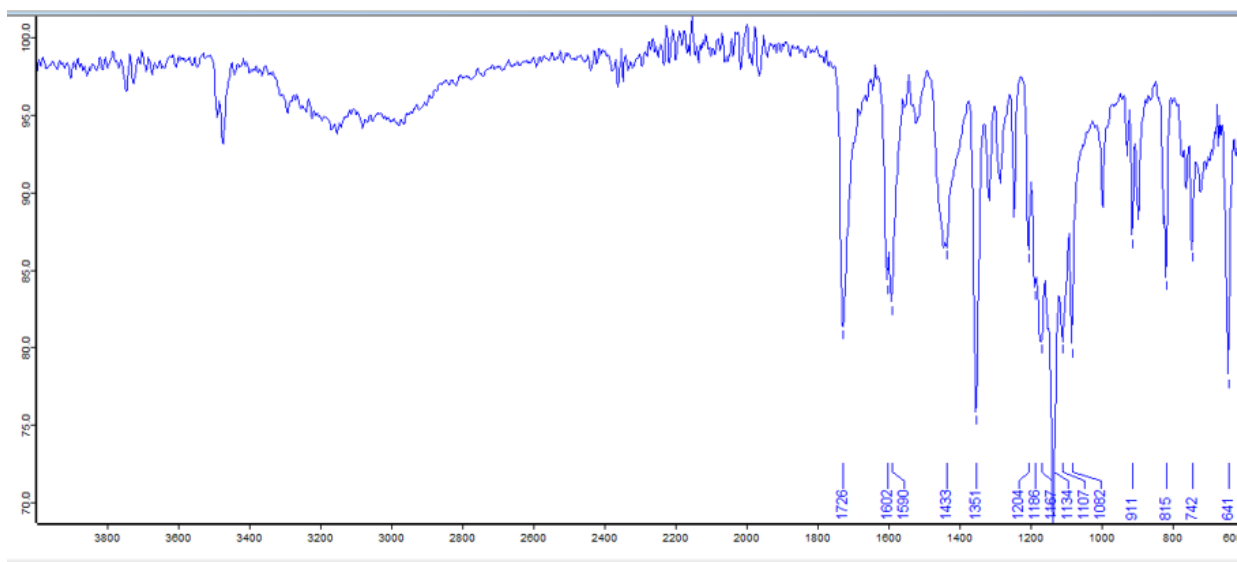


NMR

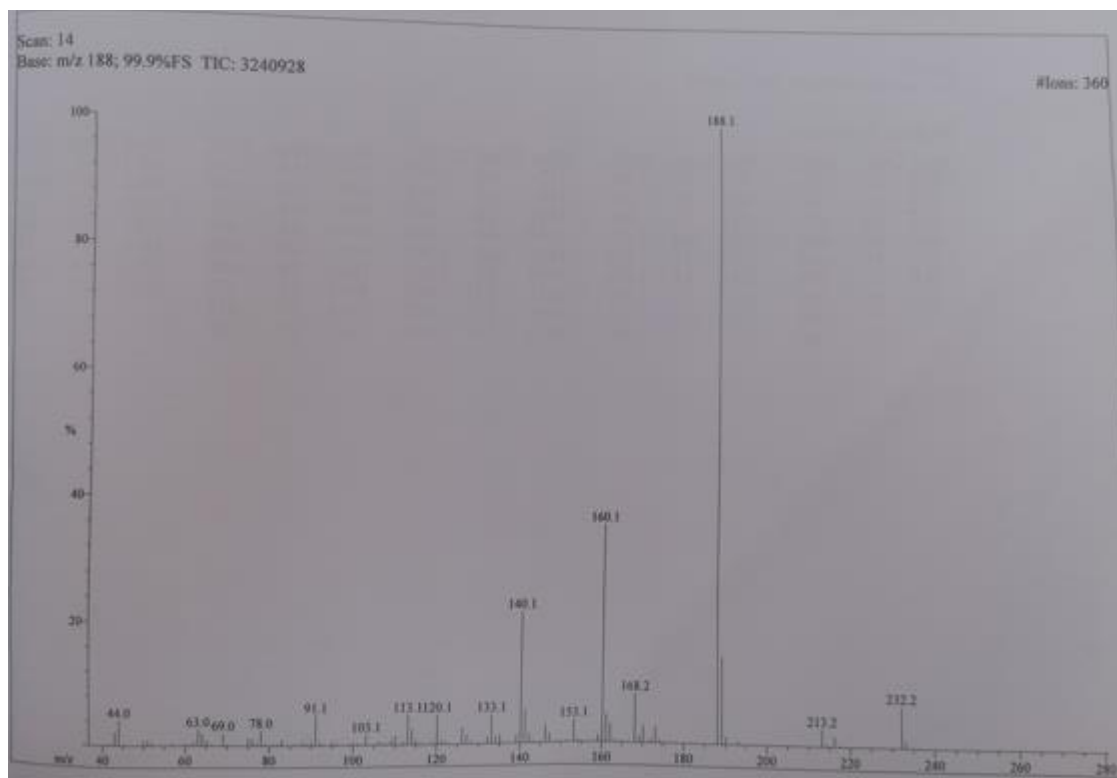


Rx-11

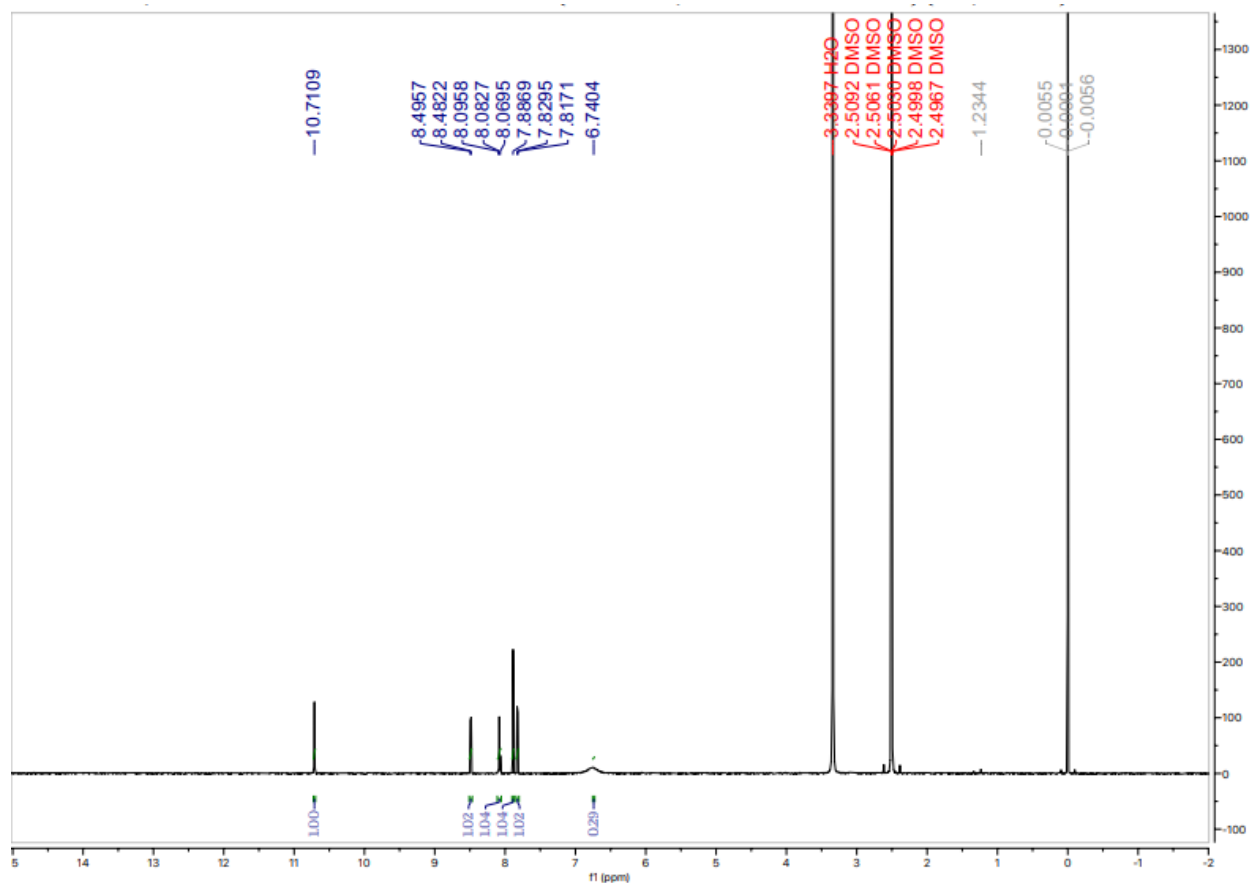
IR



Mass

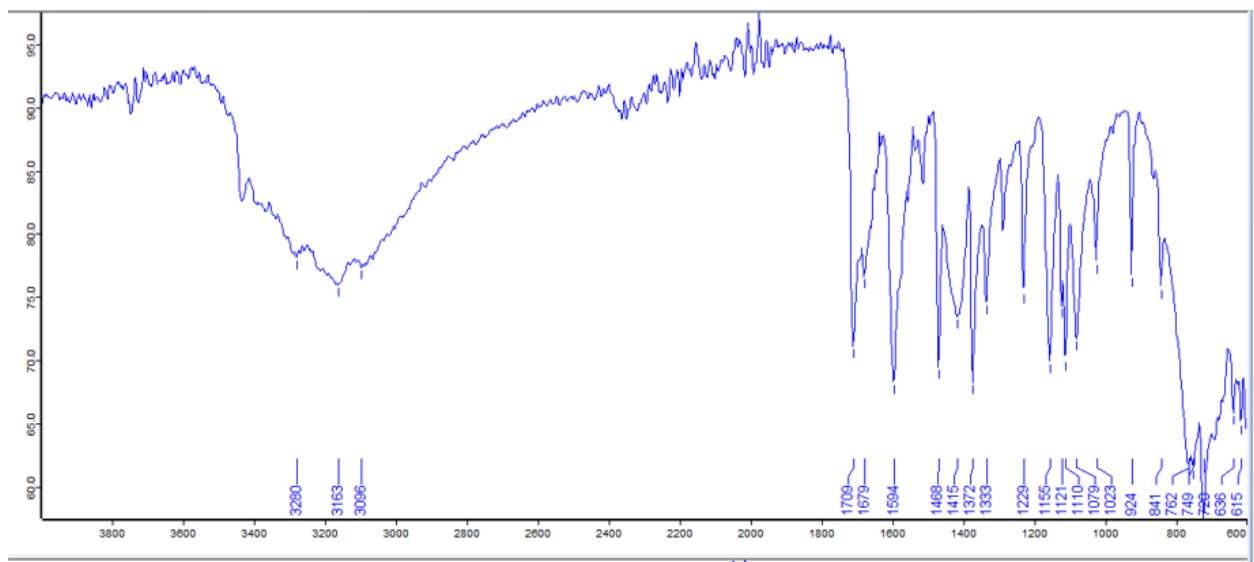


NMR

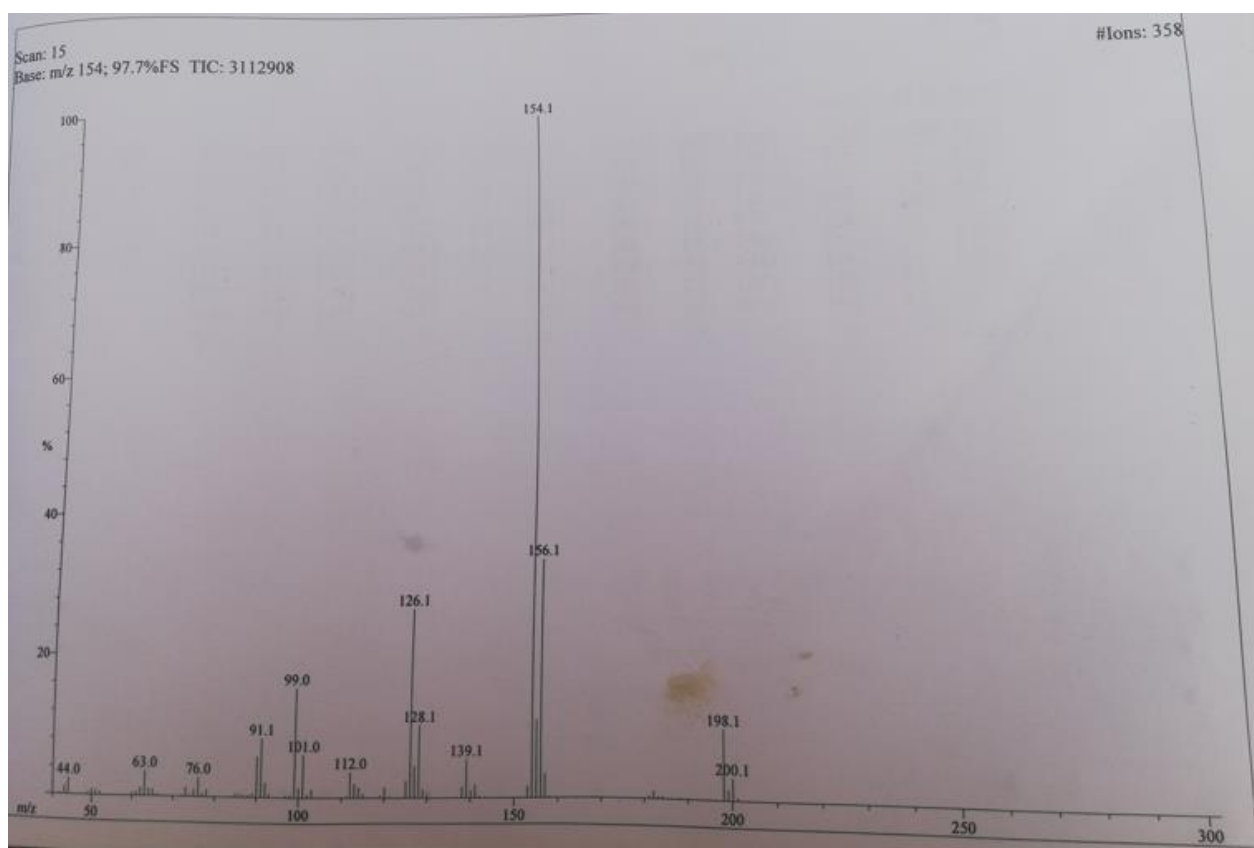


Rx-12

IR



Mass



NMR

