

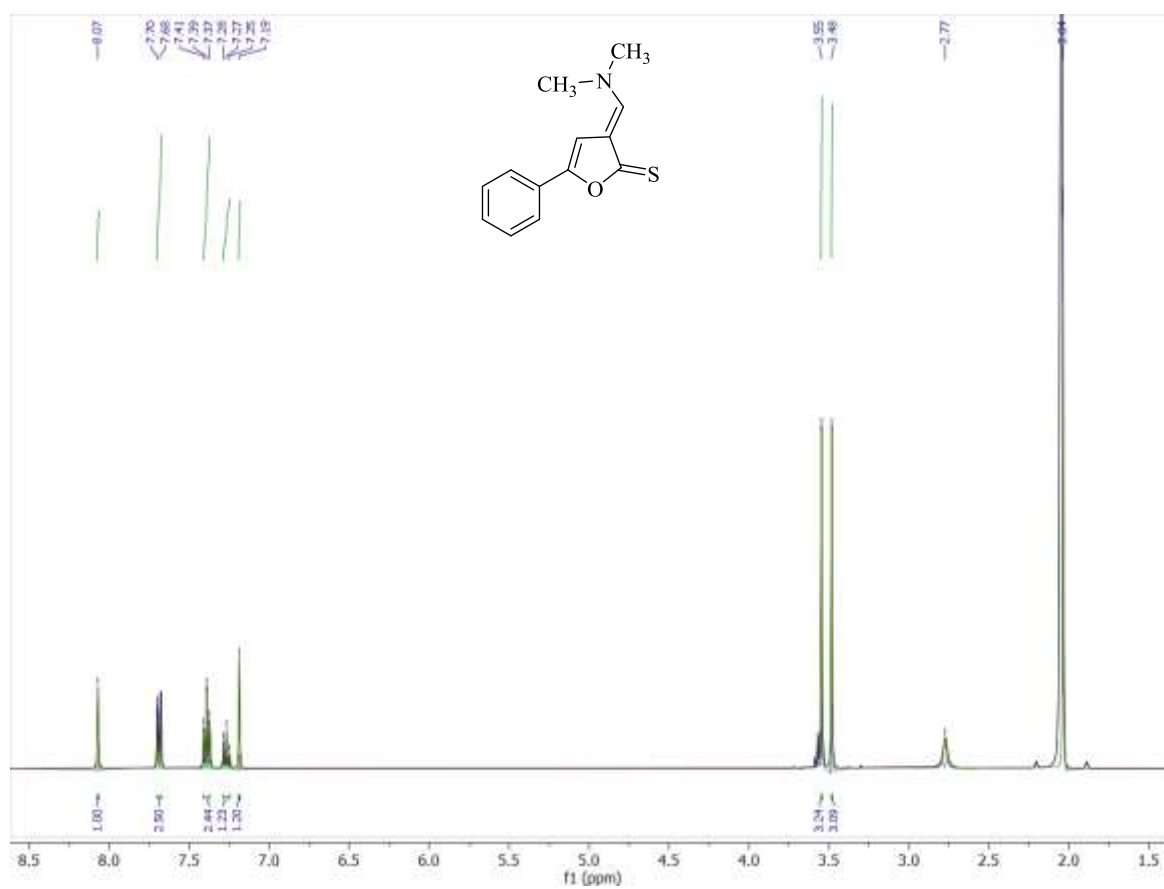
## **An efficient synthesis of (*E*)-3-[(dimethylamino)methylidene]furan-2(3*H*)-thiones and transamination reactions thereof**

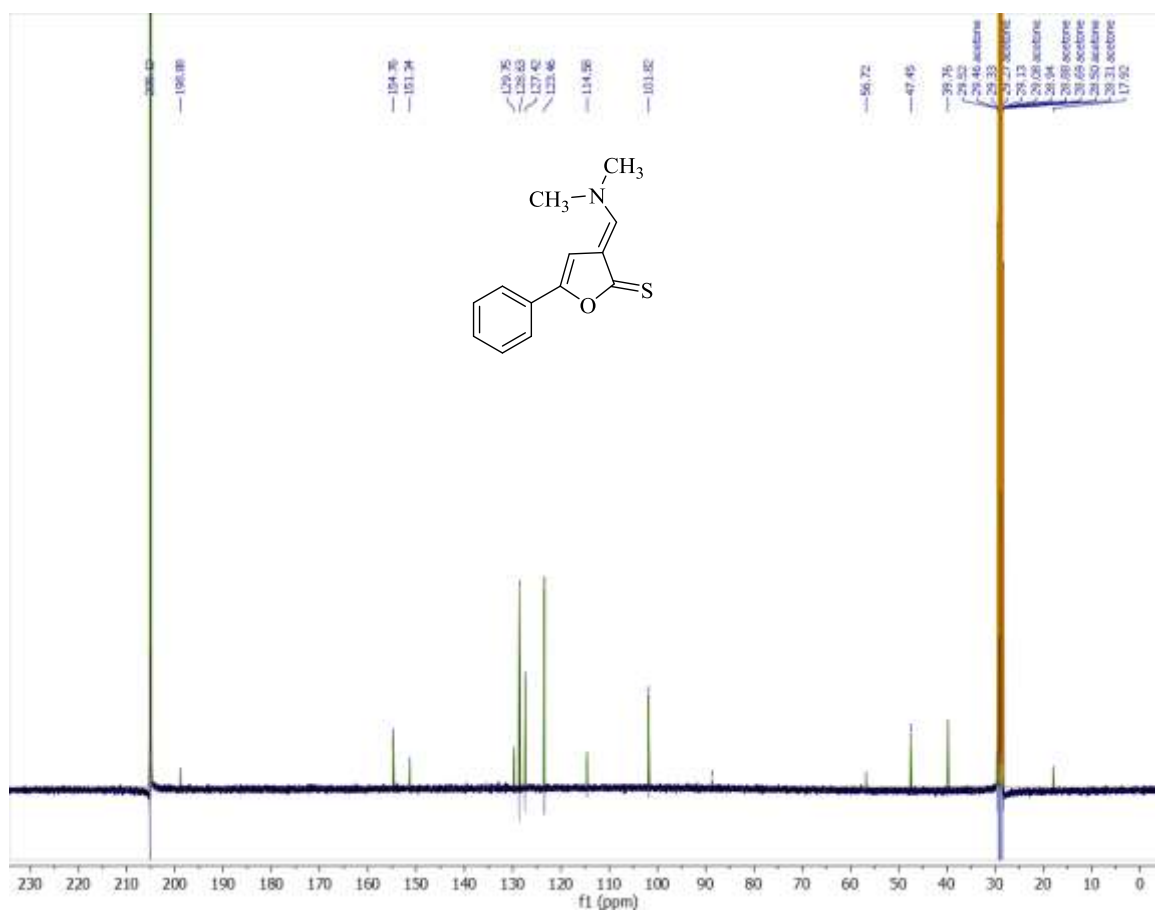
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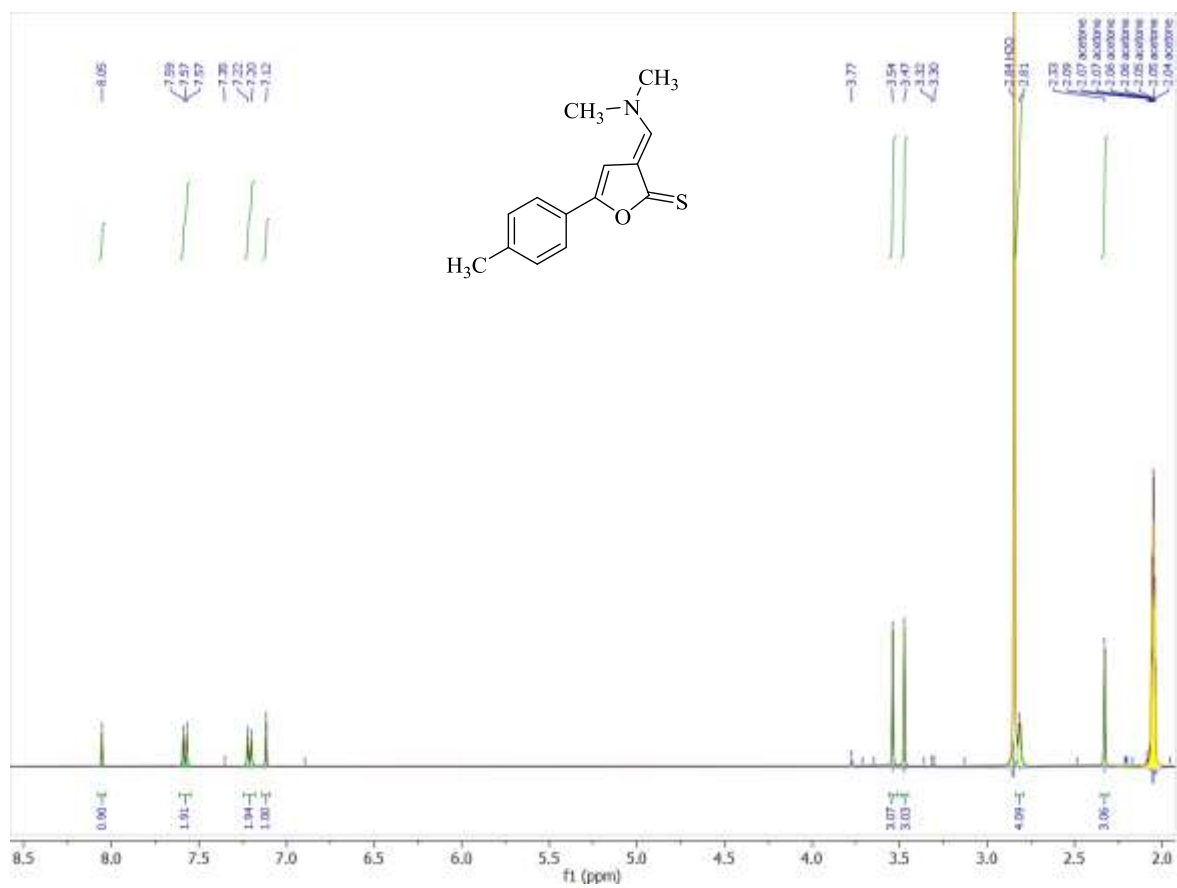
**Supplementary Information**

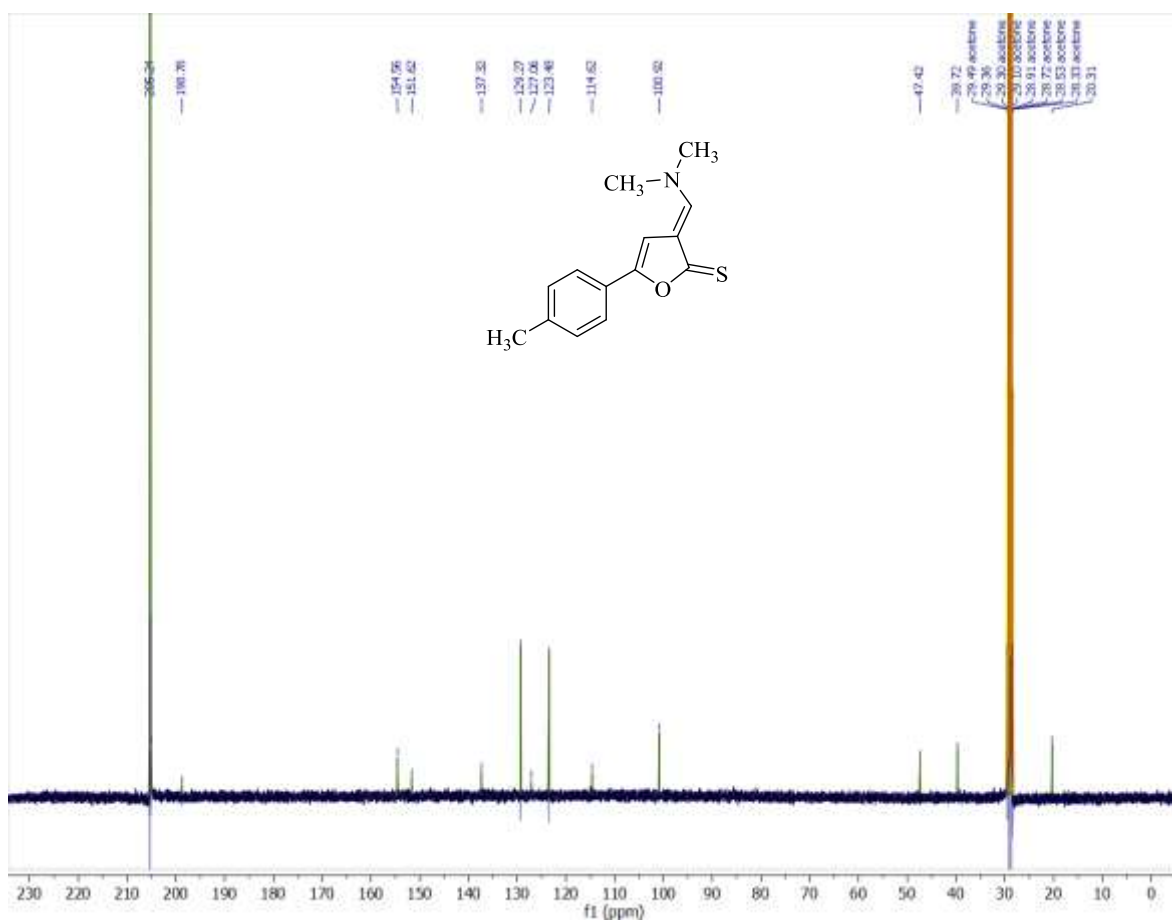
$^1\text{H}$  &  $^{13}\text{C}$  NMR of 5a



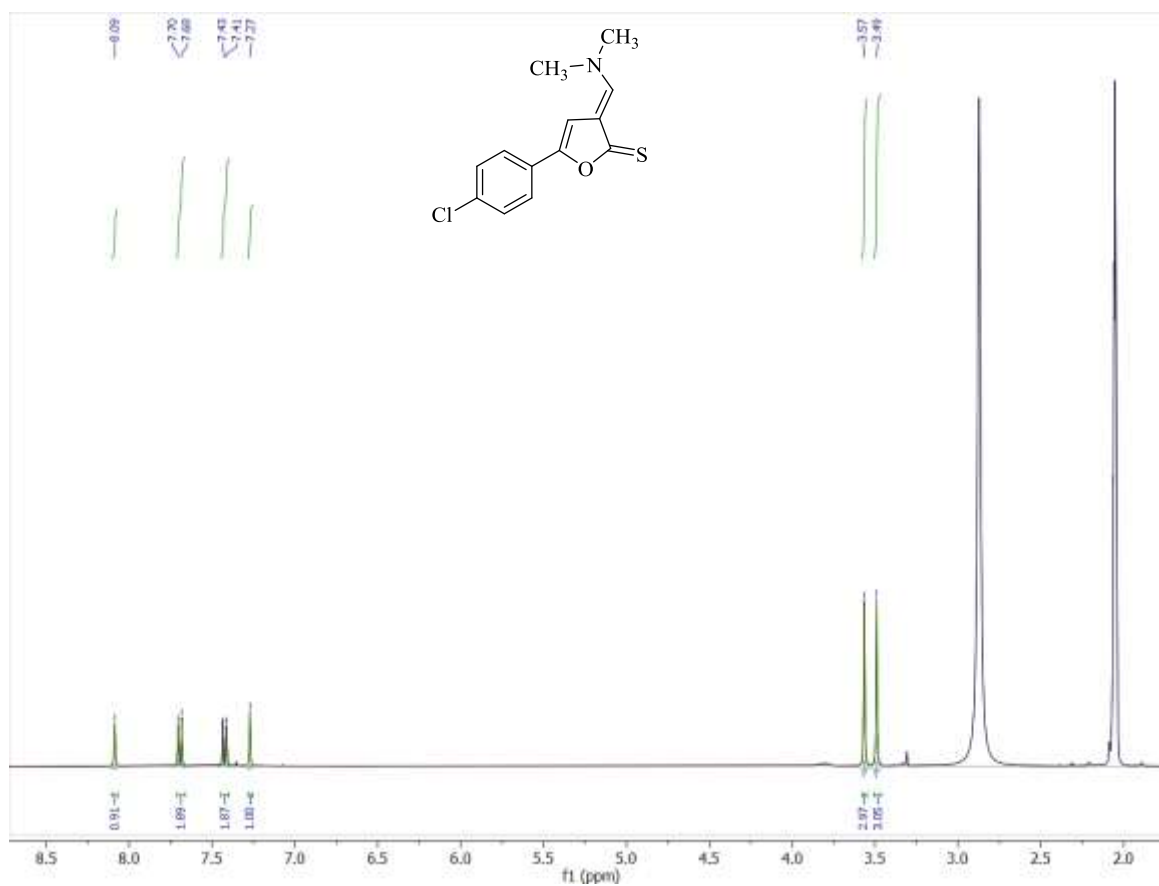


### <sup>1</sup>H & <sup>13</sup>C NMR of 5b

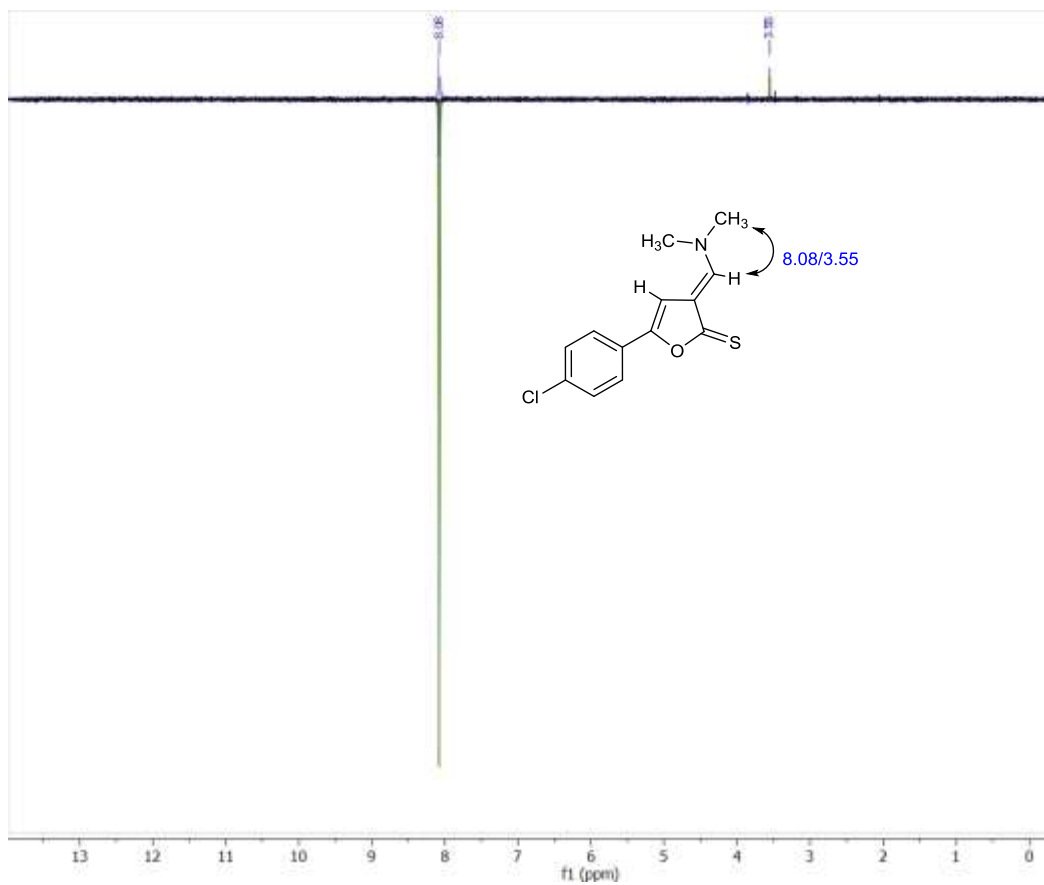
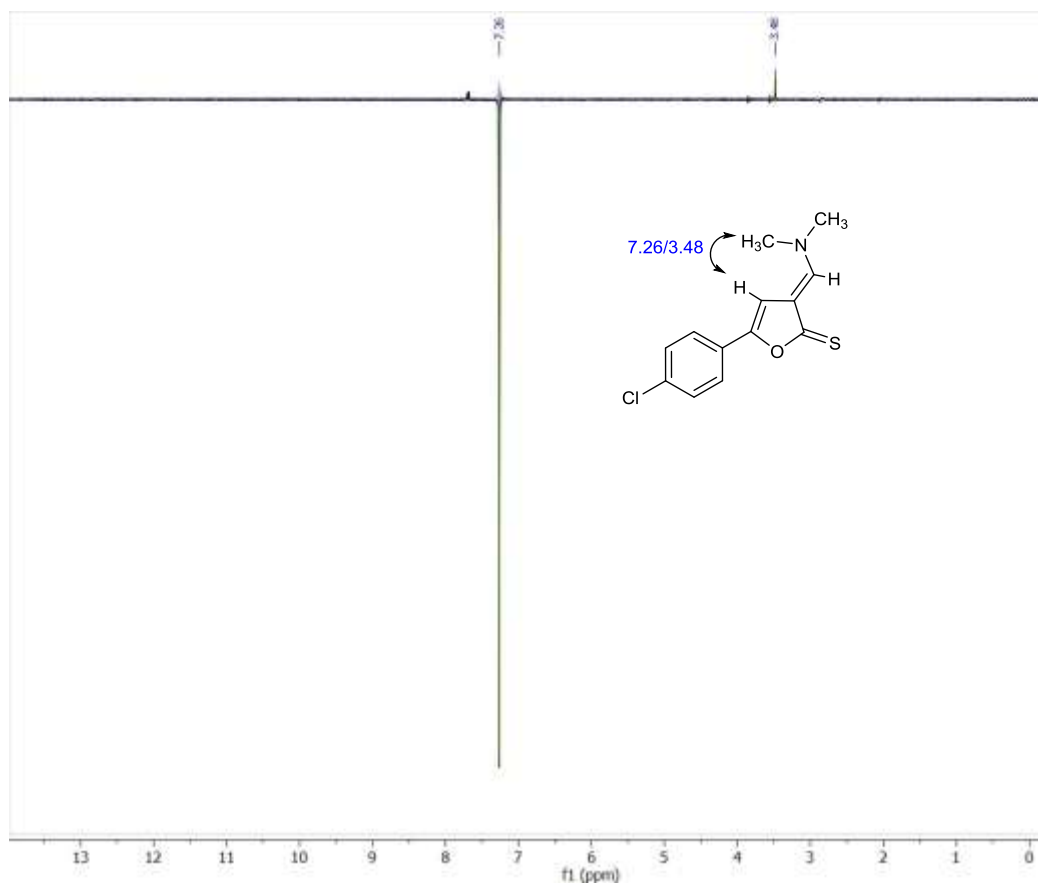




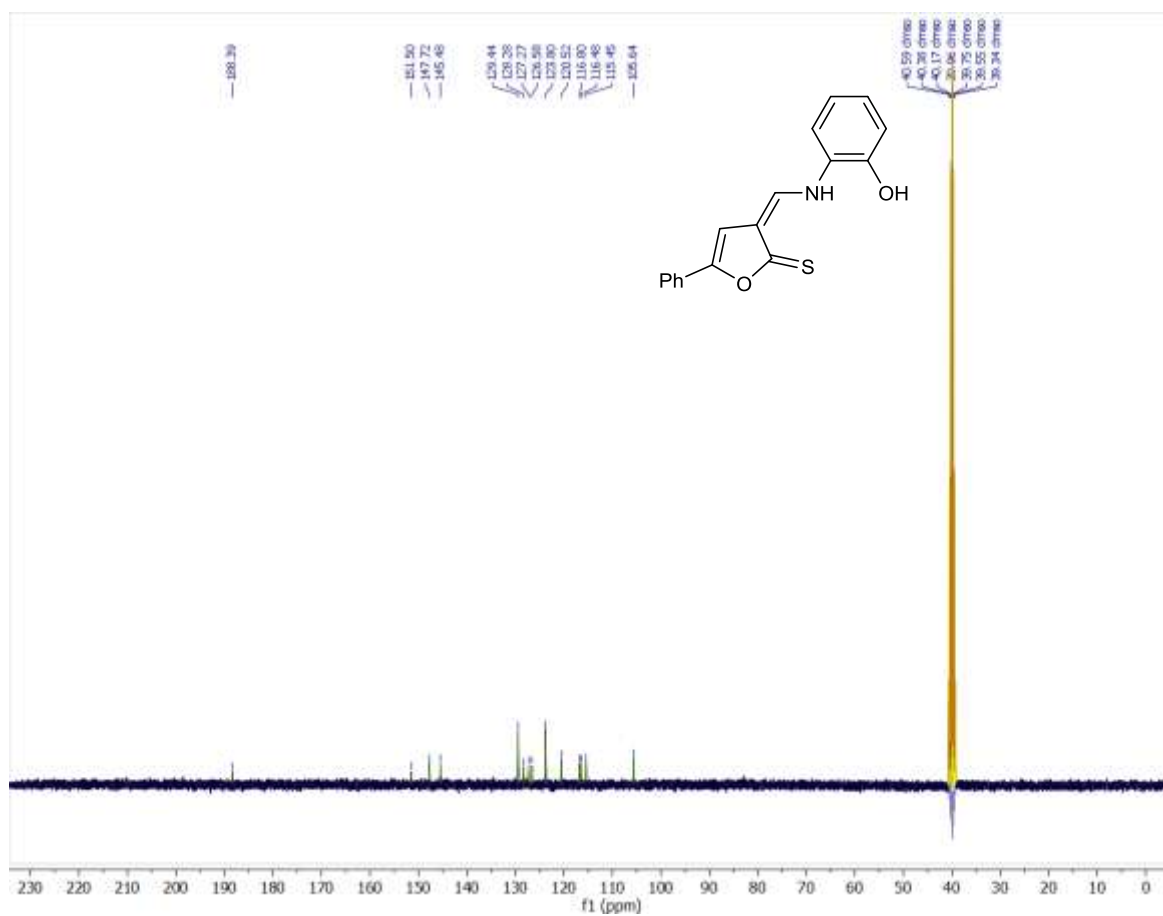
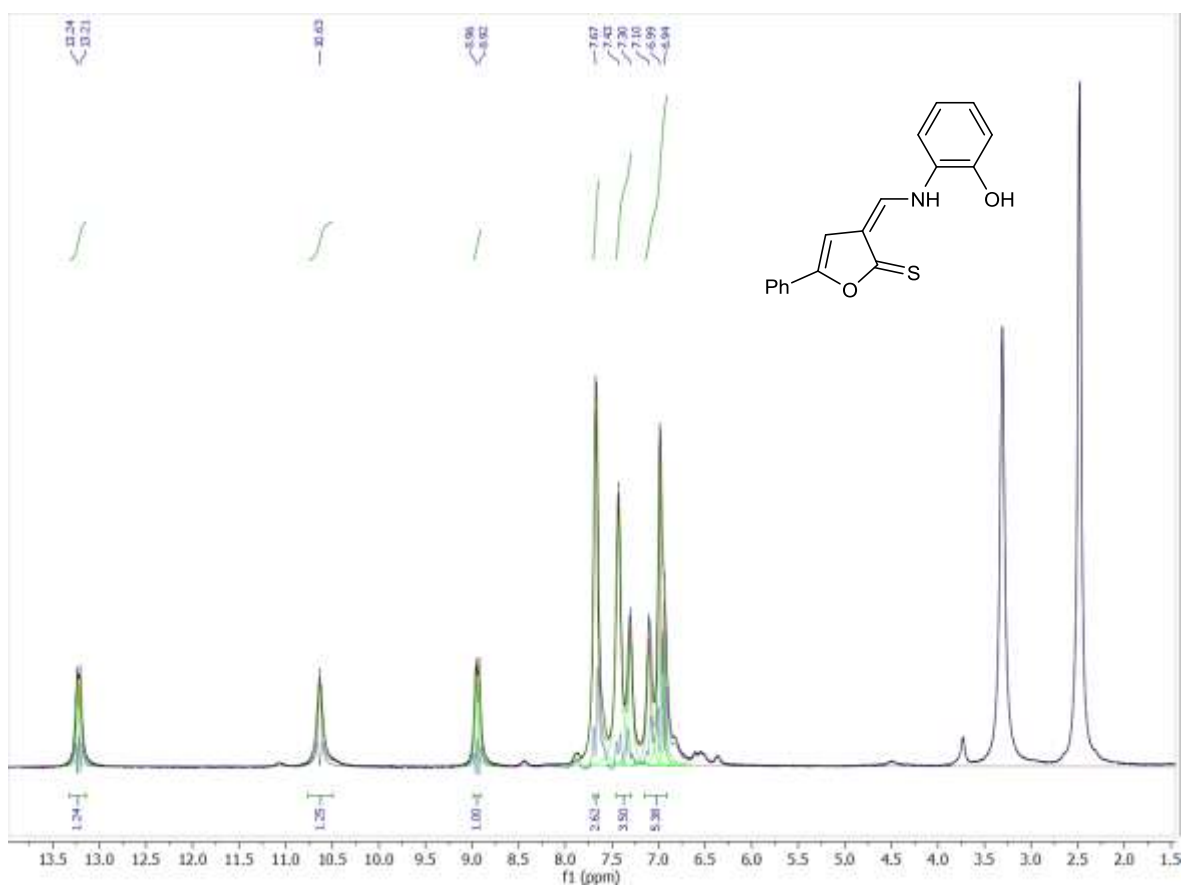
### <sup>1</sup>H NMR of 5c



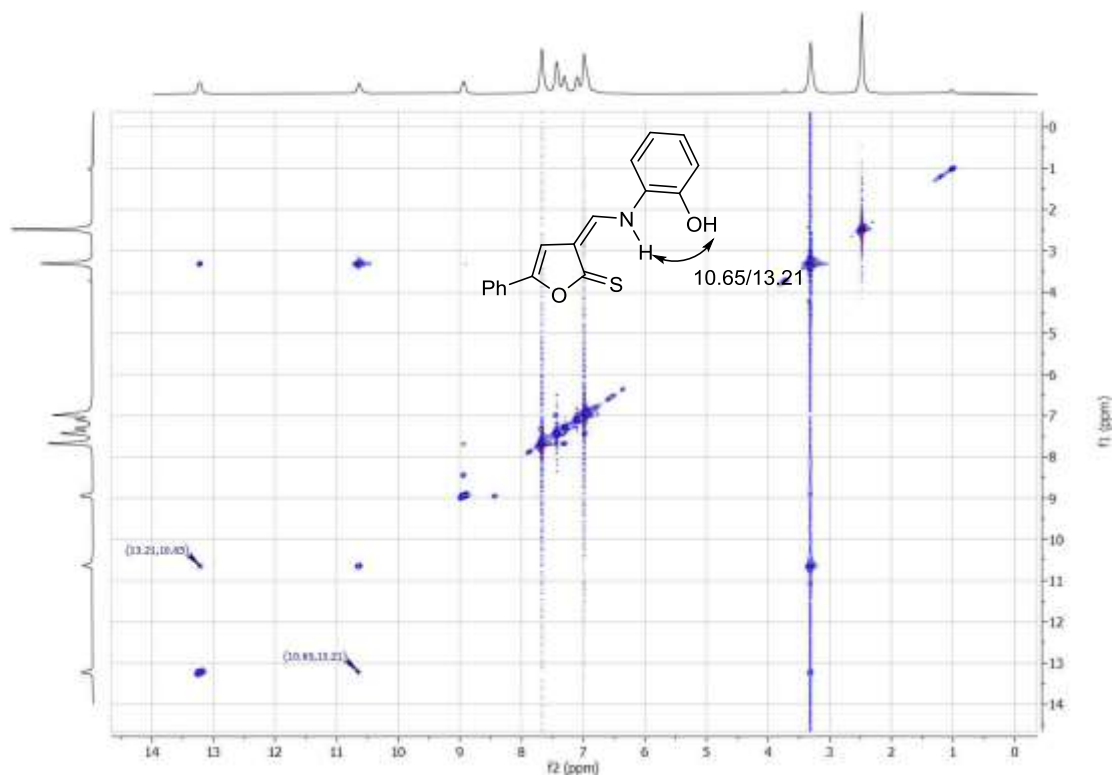
# NOESY 1D of 5c



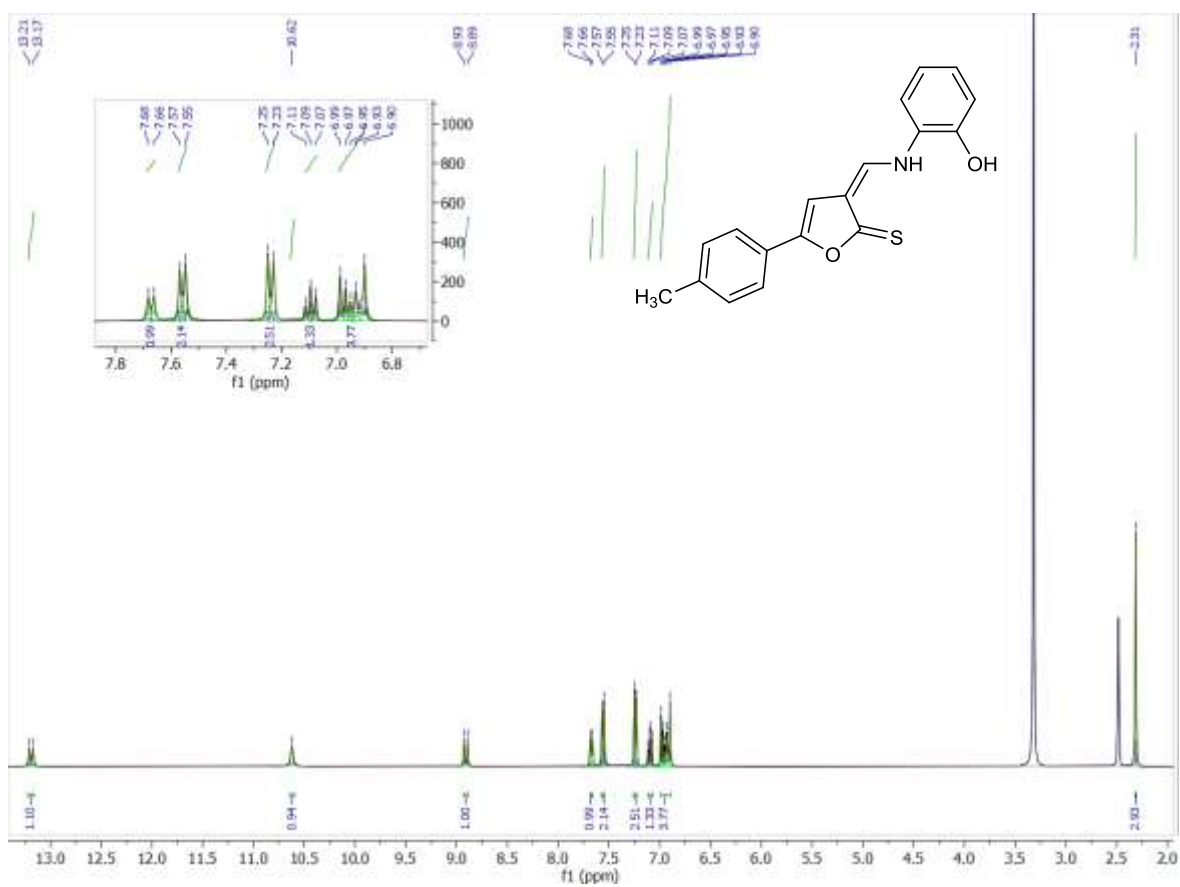
**$^1\text{H}$  &  $^{13}\text{C}$  NMR of 7a**



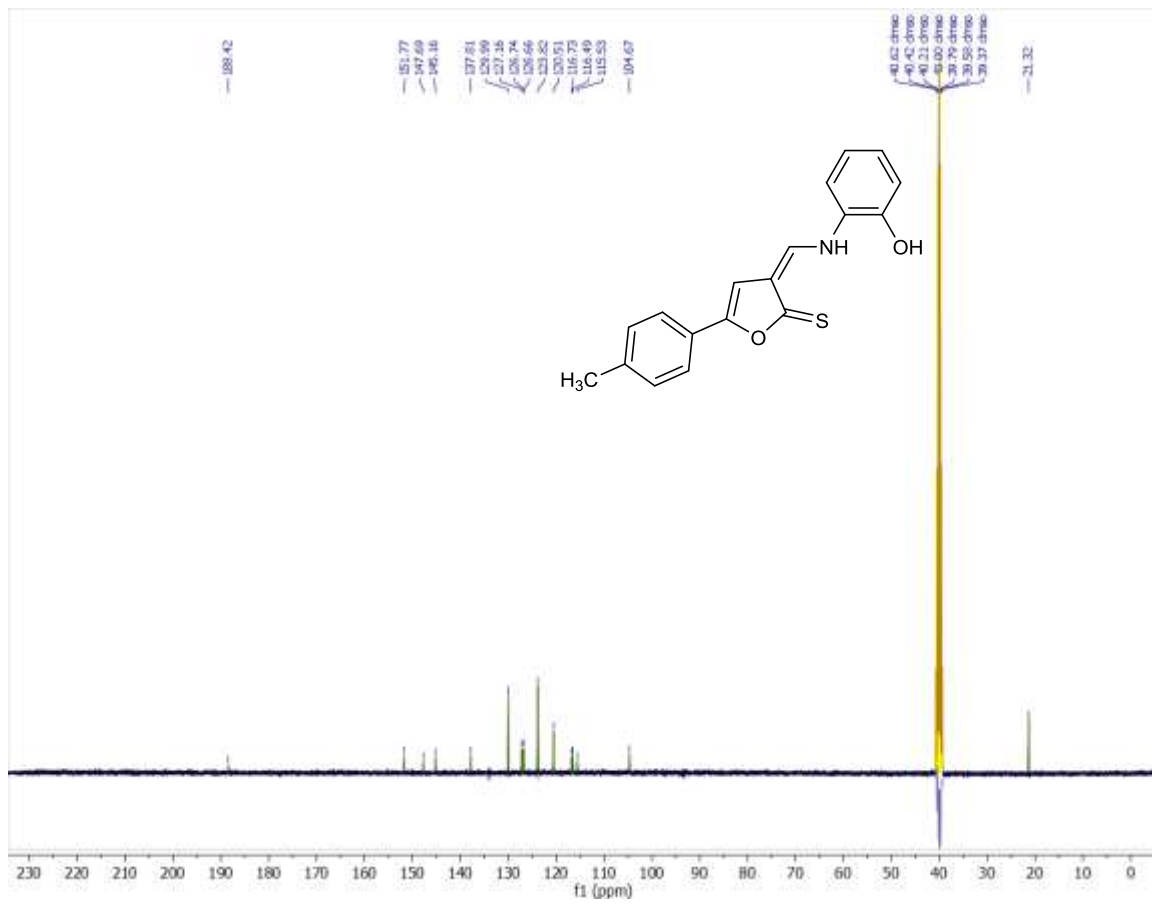
NOESY 2D of 7a



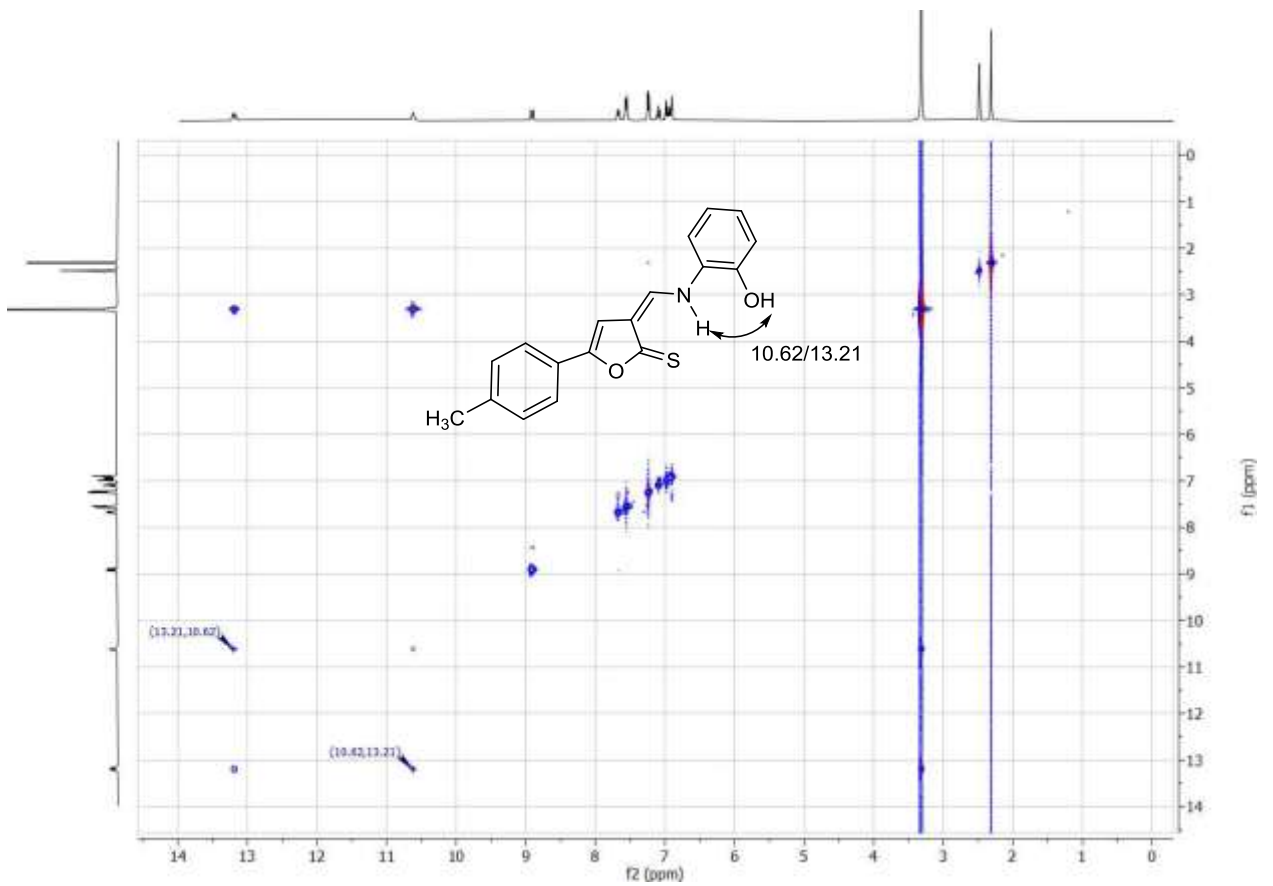
### $^1\text{H}$ & $^{13}\text{C}$ NMR of 7b



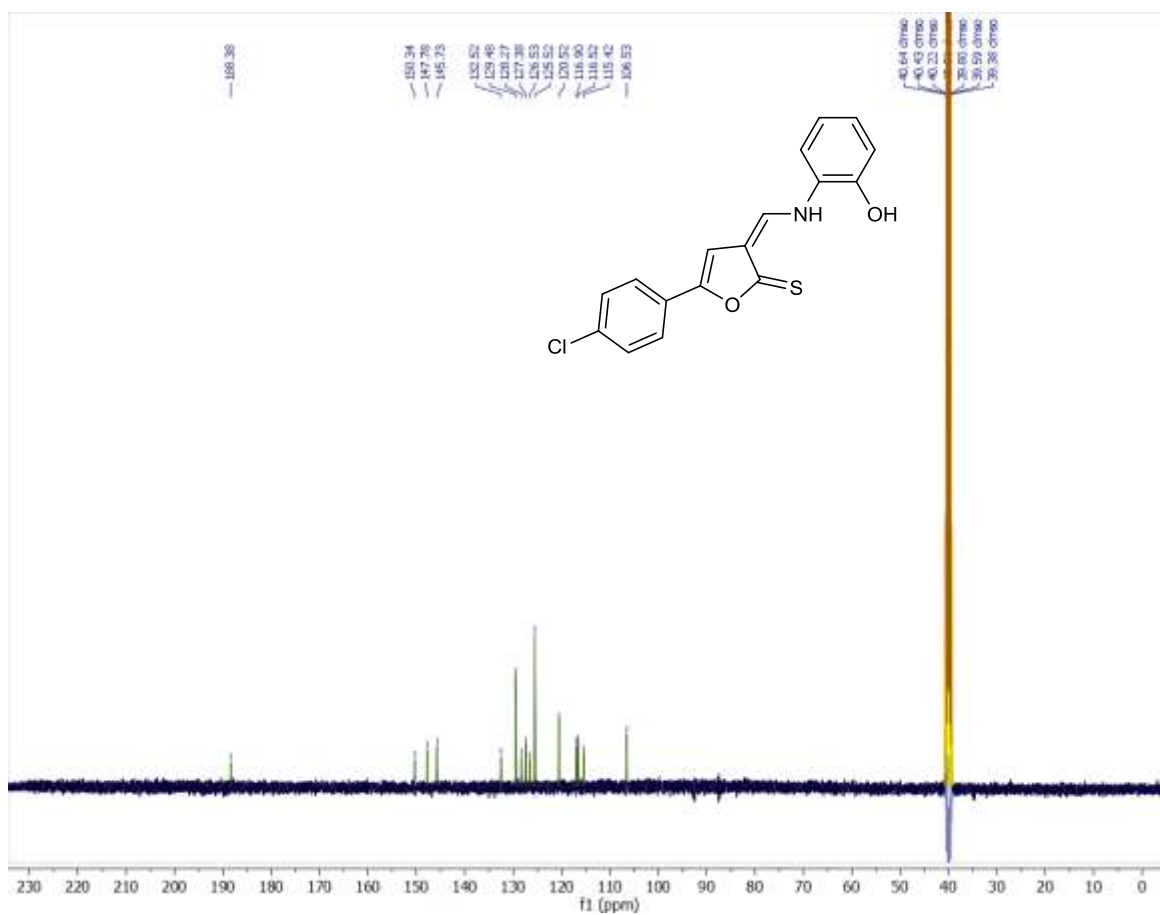
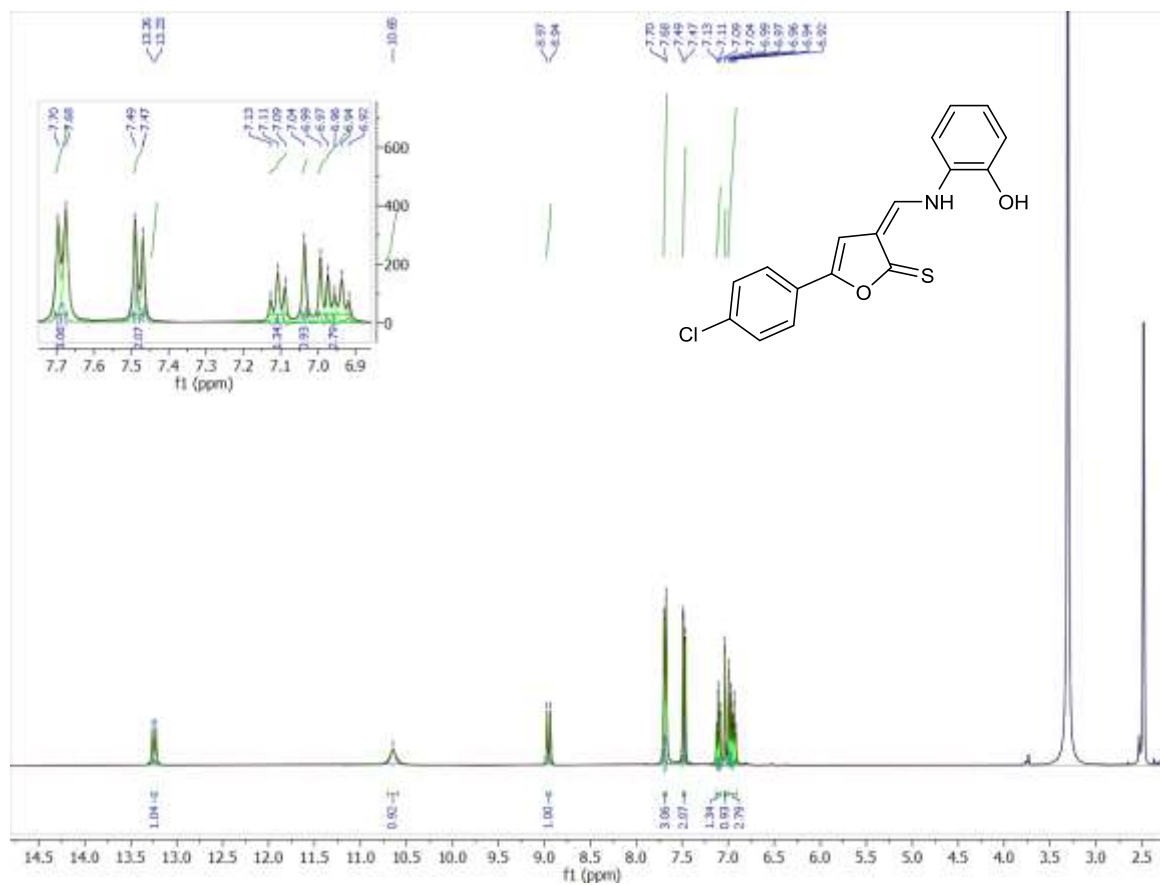




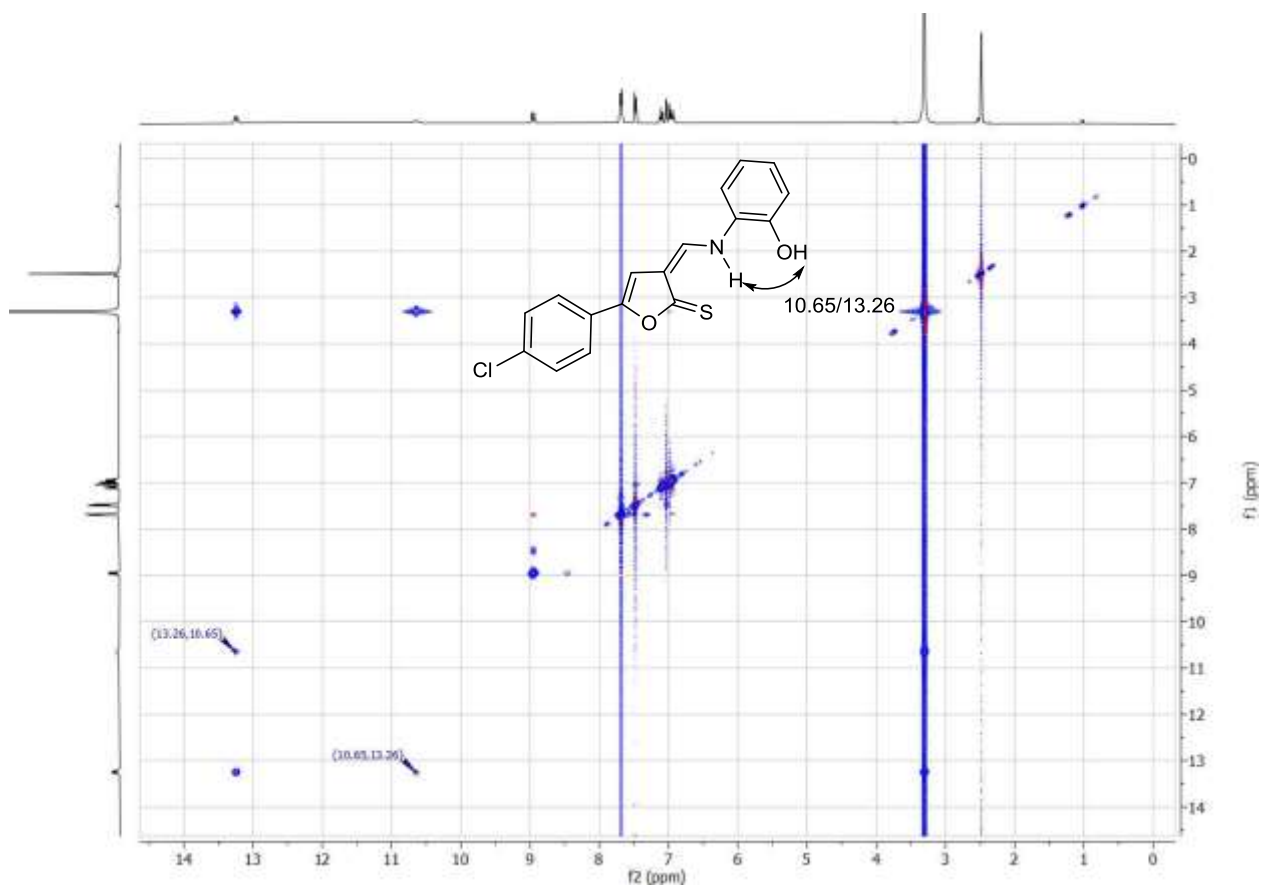
### NOESY 2D of 7b



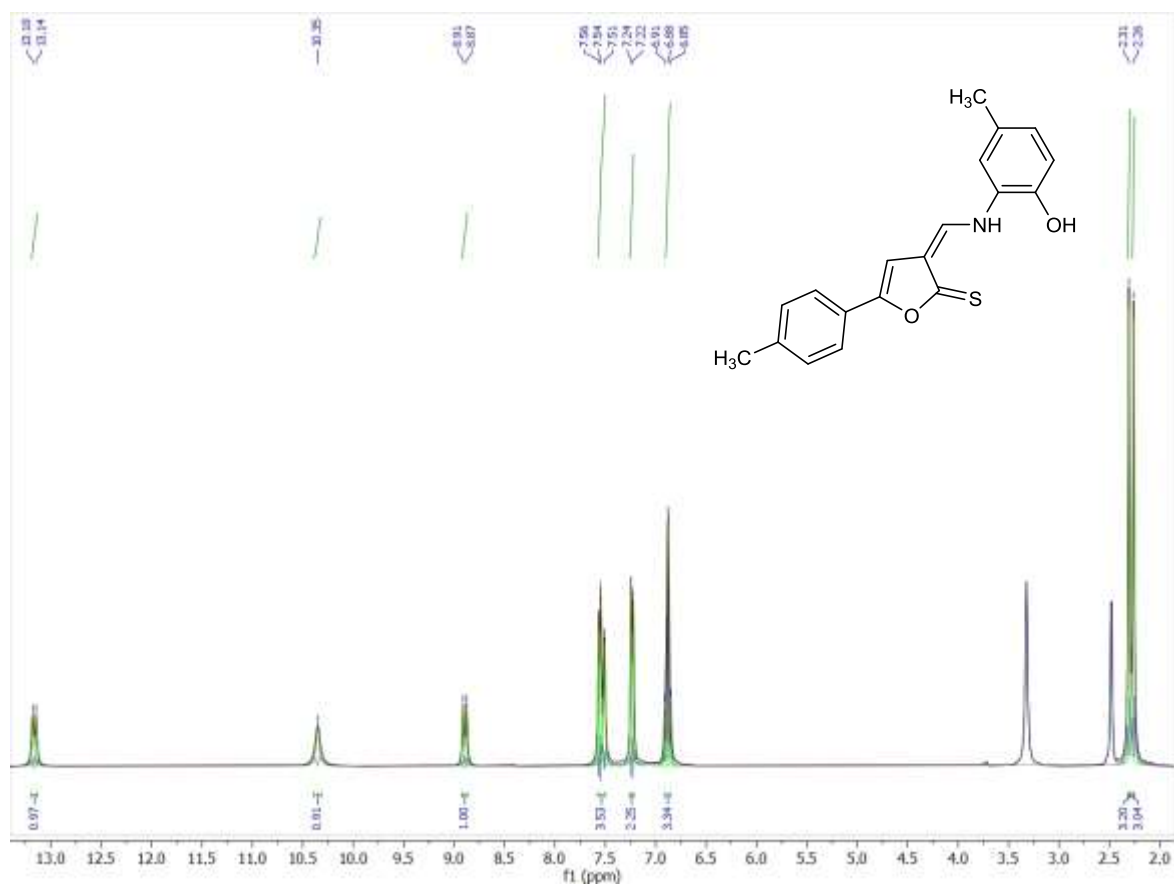
# $^1\text{H}$ & $^{13}\text{C}$ NMR of 7c

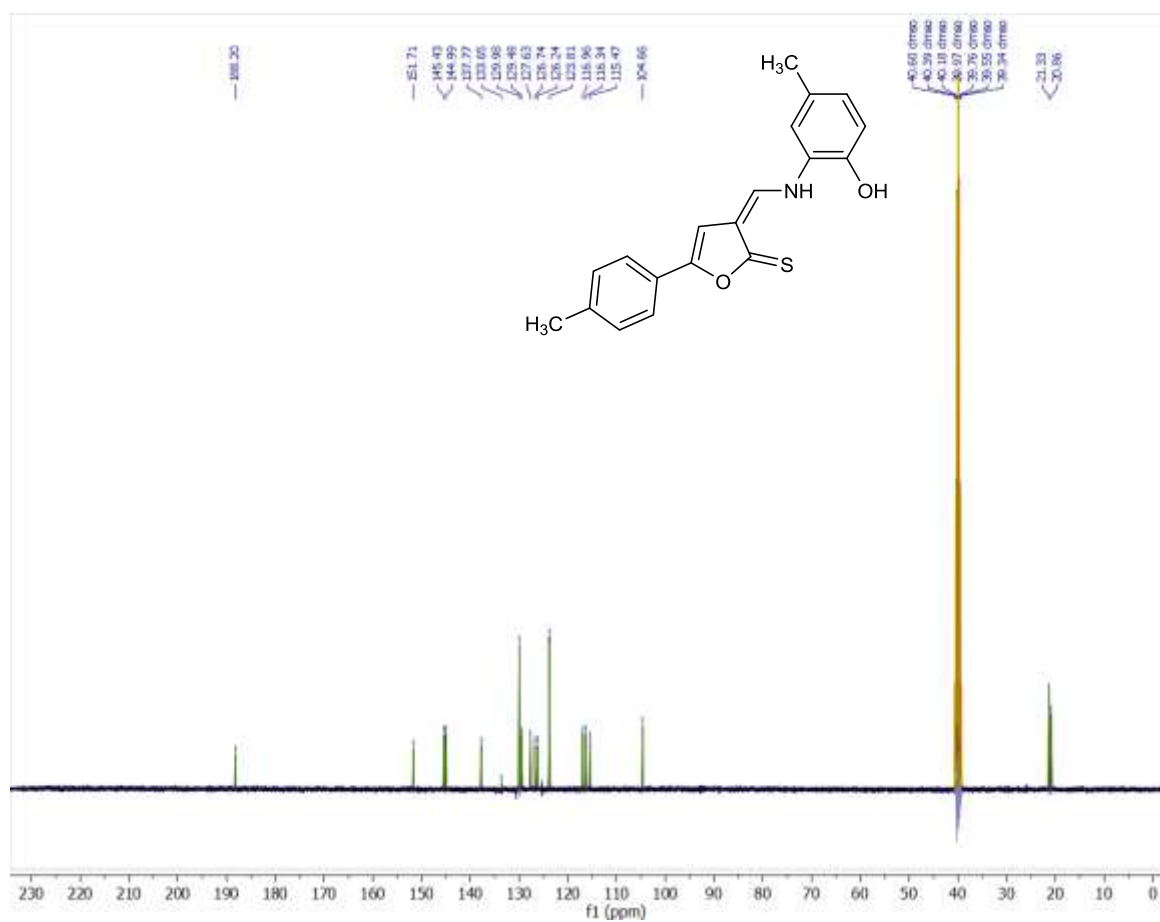


### NOESY 2D of 7c

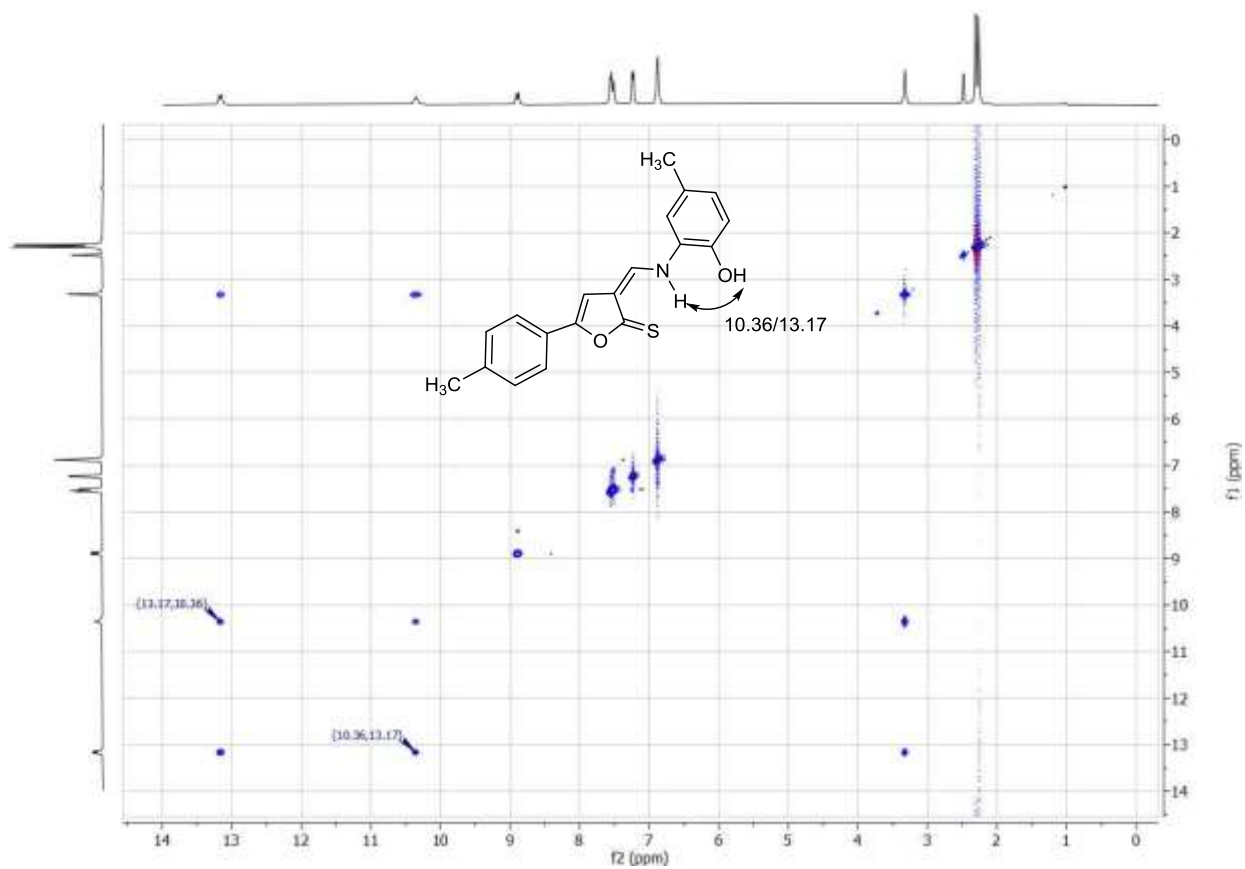


### <sup>1</sup>H & <sup>13</sup>C NMR of 7d

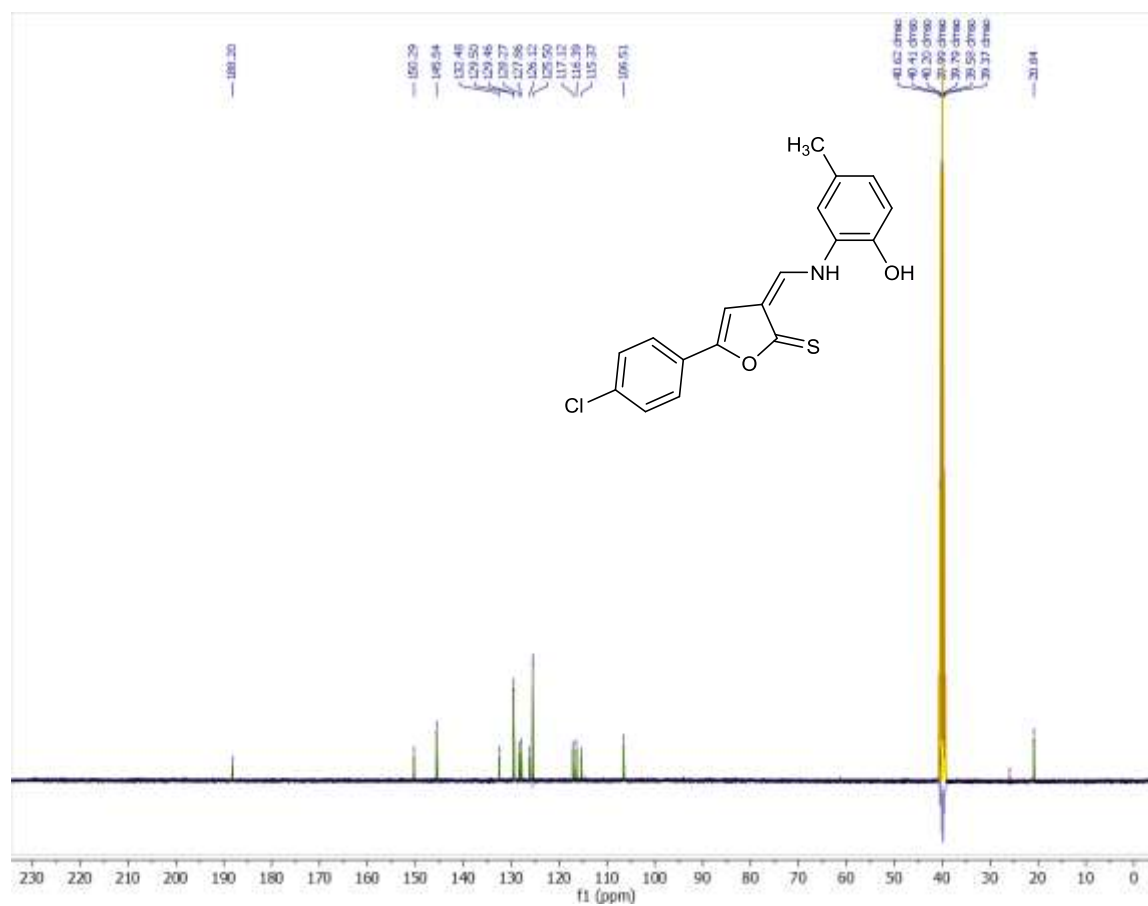
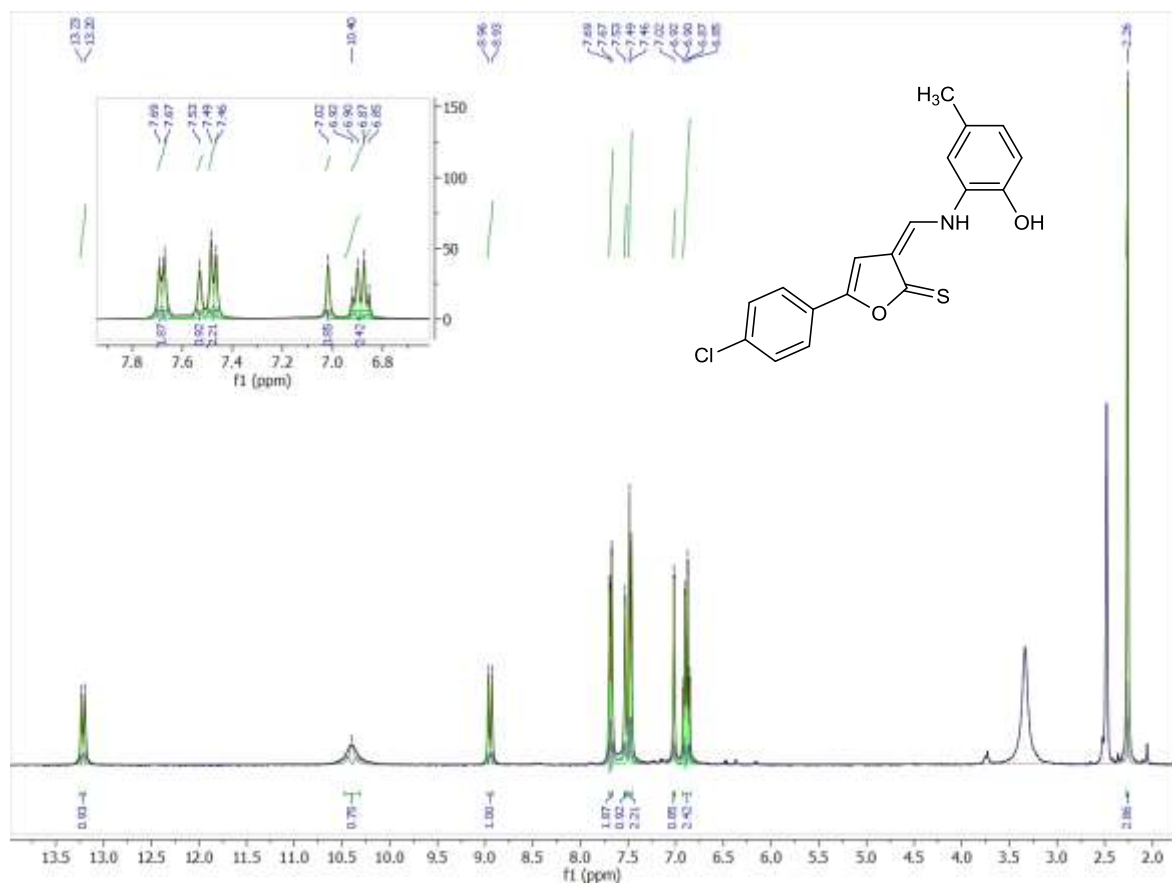




### NOESY 2D of 7d



# $^1\text{H}$ & $^{13}\text{C}$ NMR of 7e



# NOESY 2D of 7e

