

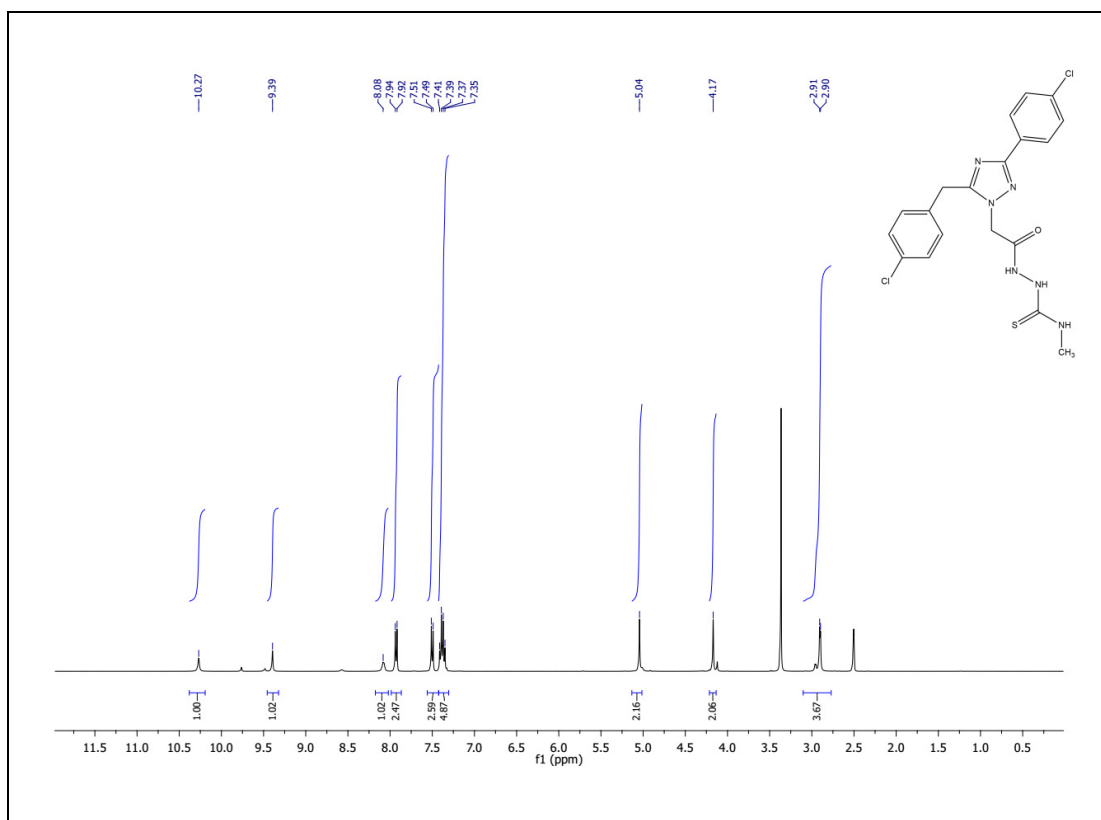
## Supporting Information

# Synthesis and evaluation of lipase inhibitory activities of substituted 1,2,4-triazole derivatives

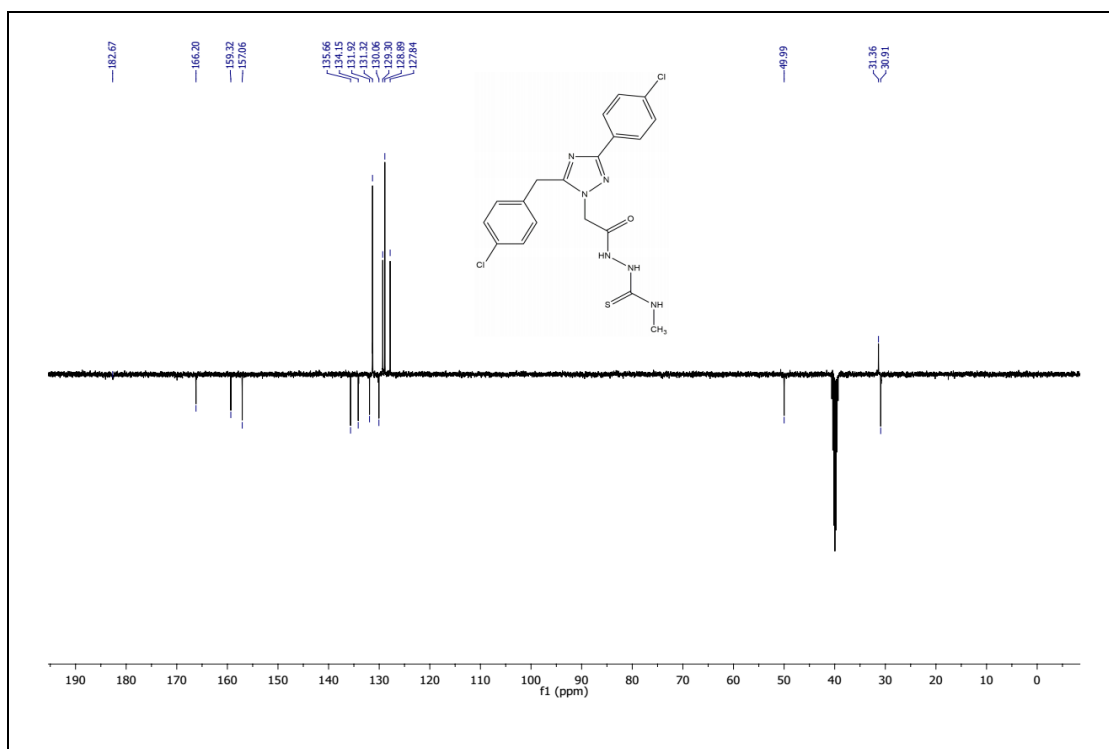
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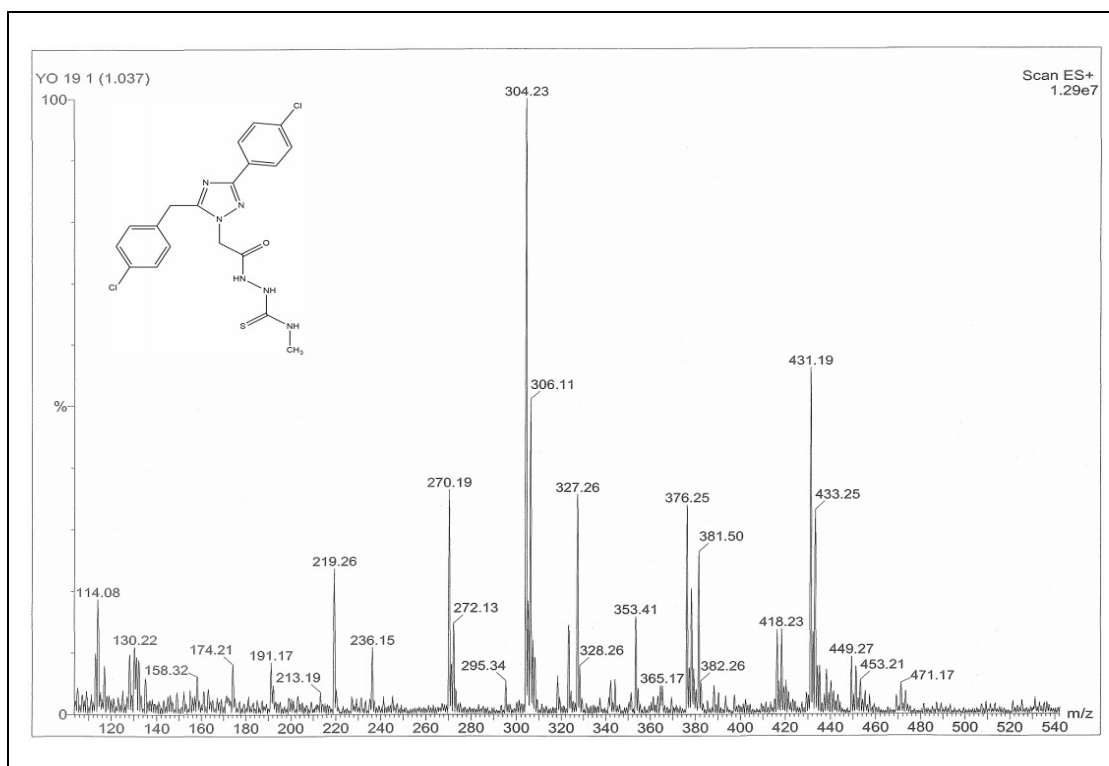
### <sup>1</sup>H NMR, <sup>13</sup>C NMR and Mass spectrums for the synthesized compounds



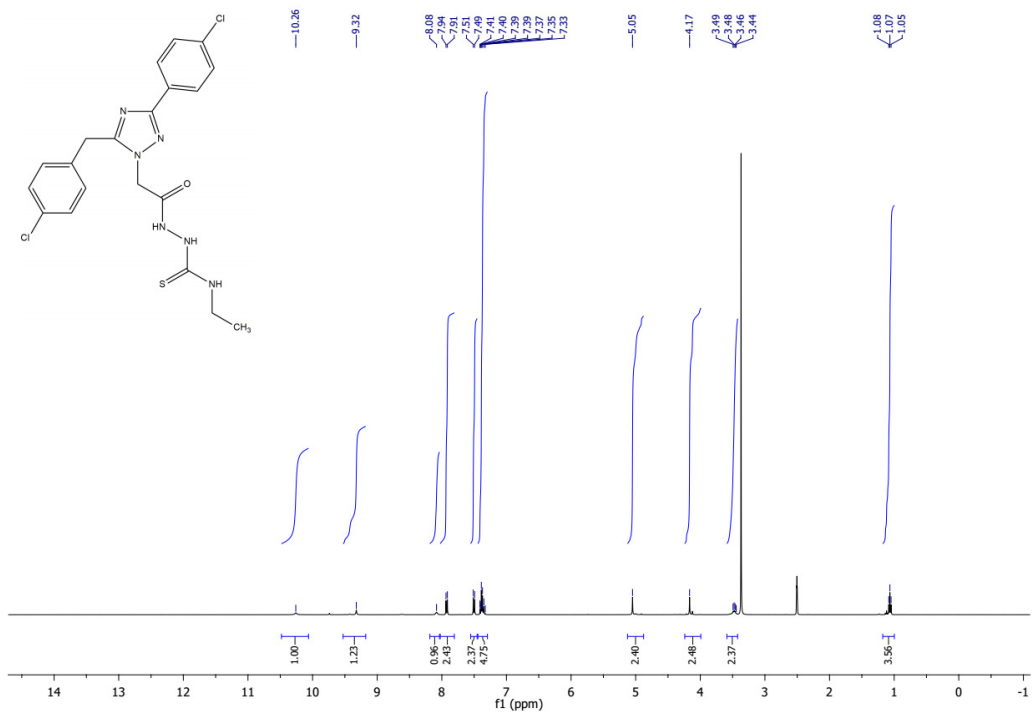
**2a-<sup>1</sup>H NMR**



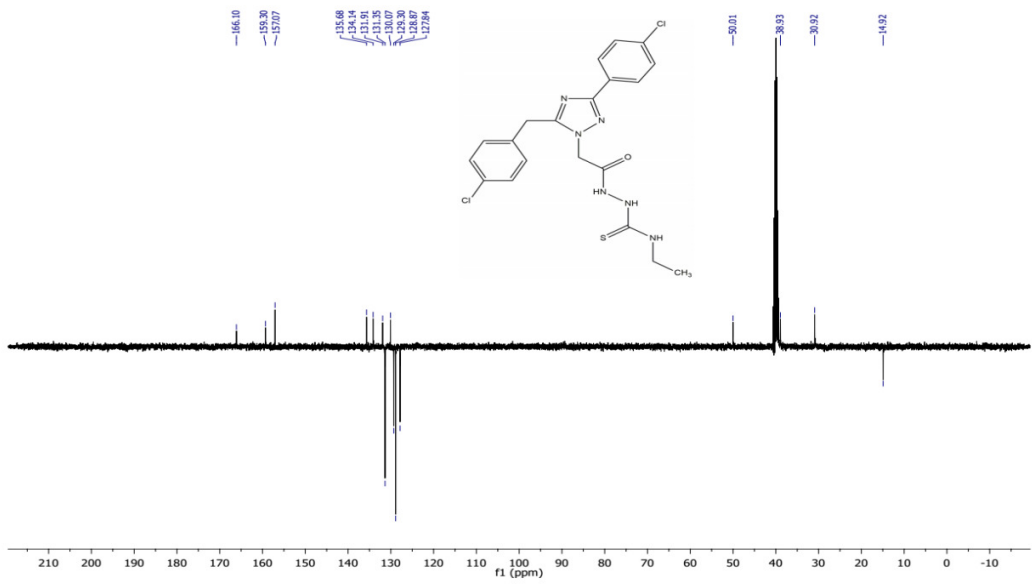
**2a-<sup>13</sup>C NMR**



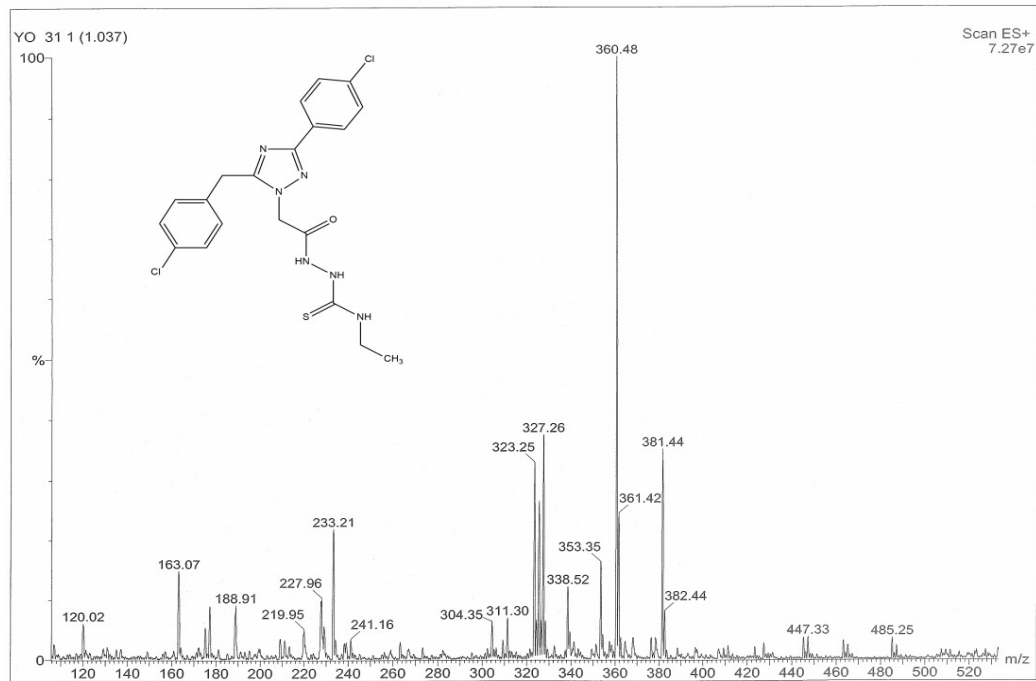
**2a-Mass spectrum**



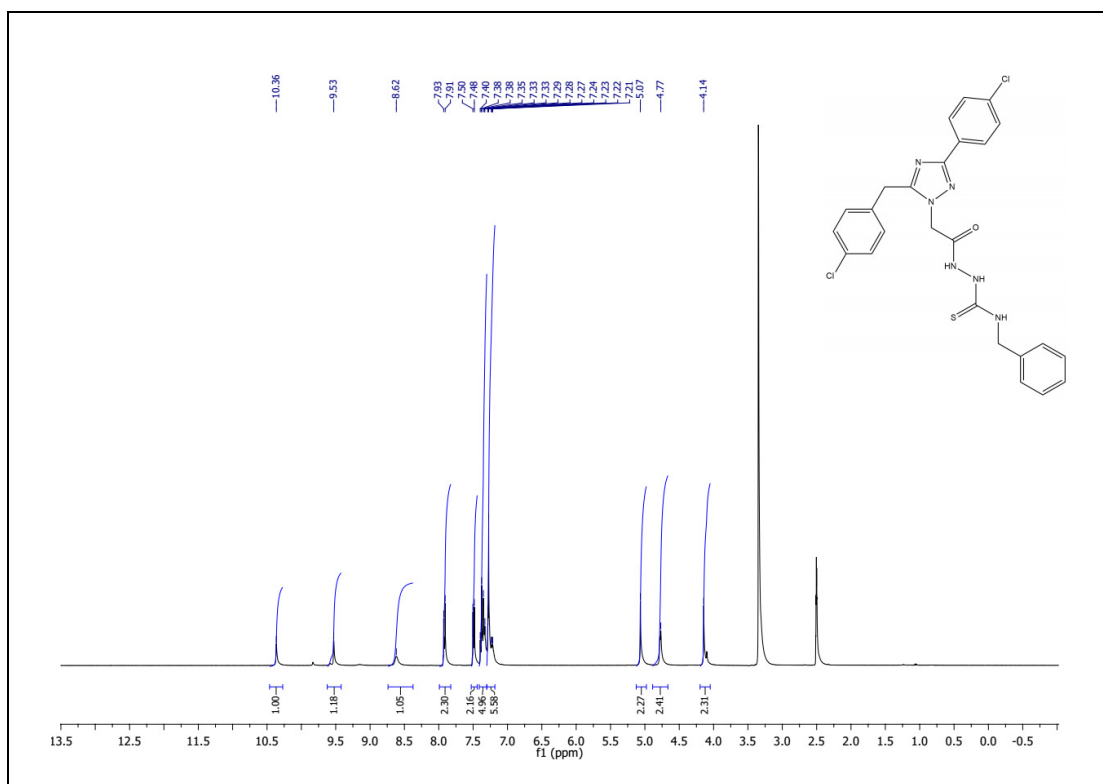
**2b-<sup>1</sup>H NMR**



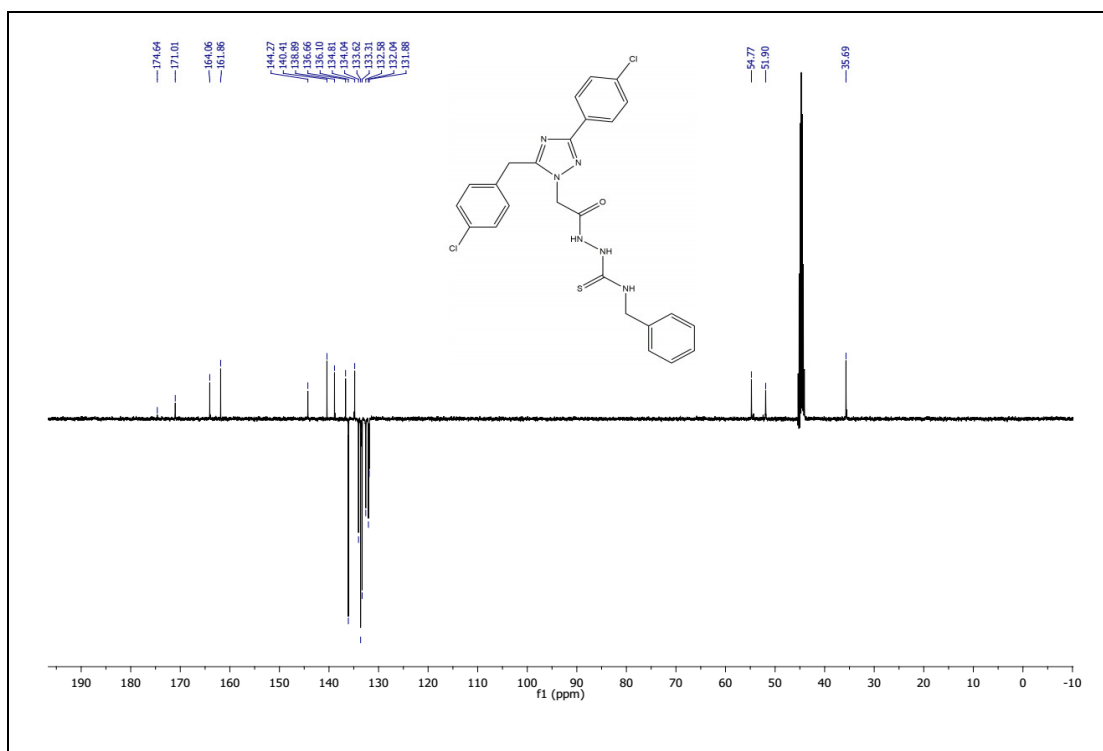
**2b-<sup>13</sup>C NMR**



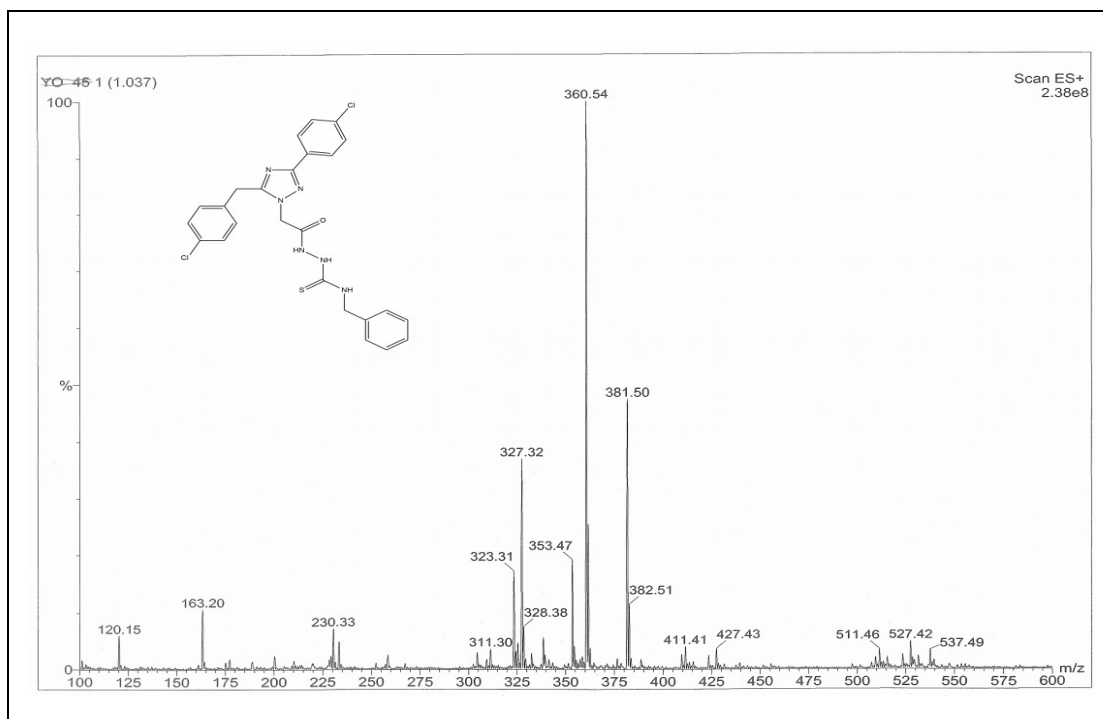
**2b-Mass spectrum**



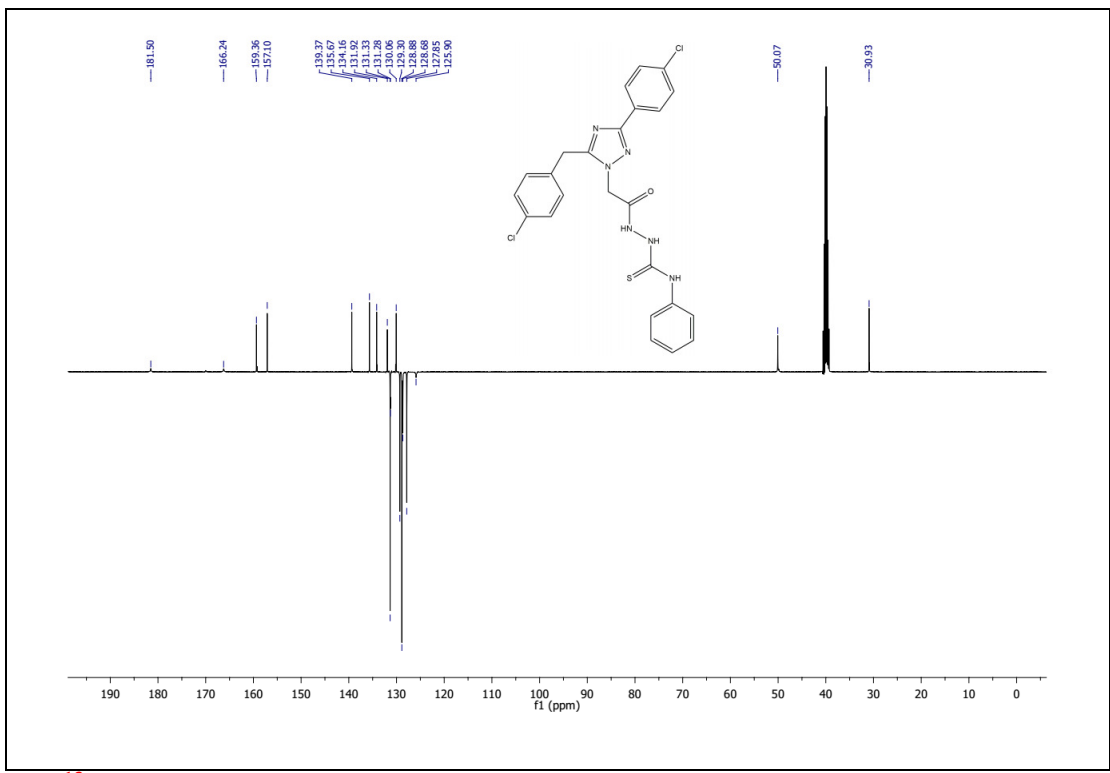
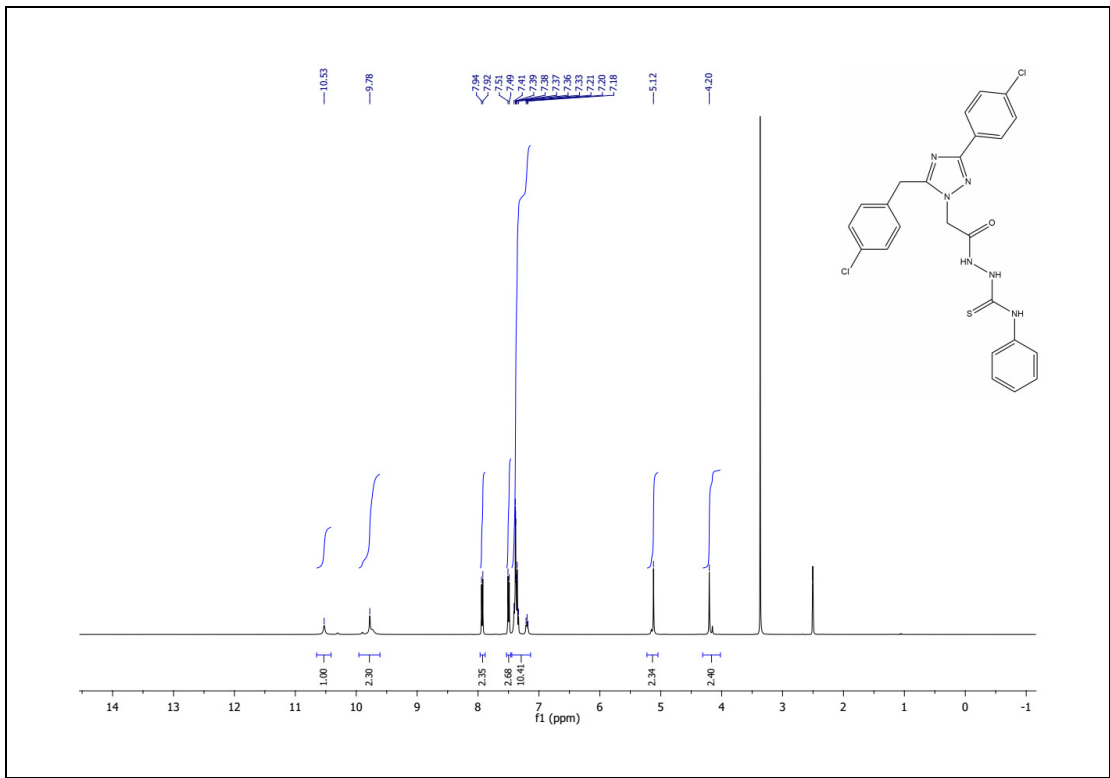
**2c-<sup>1</sup>H NMR**

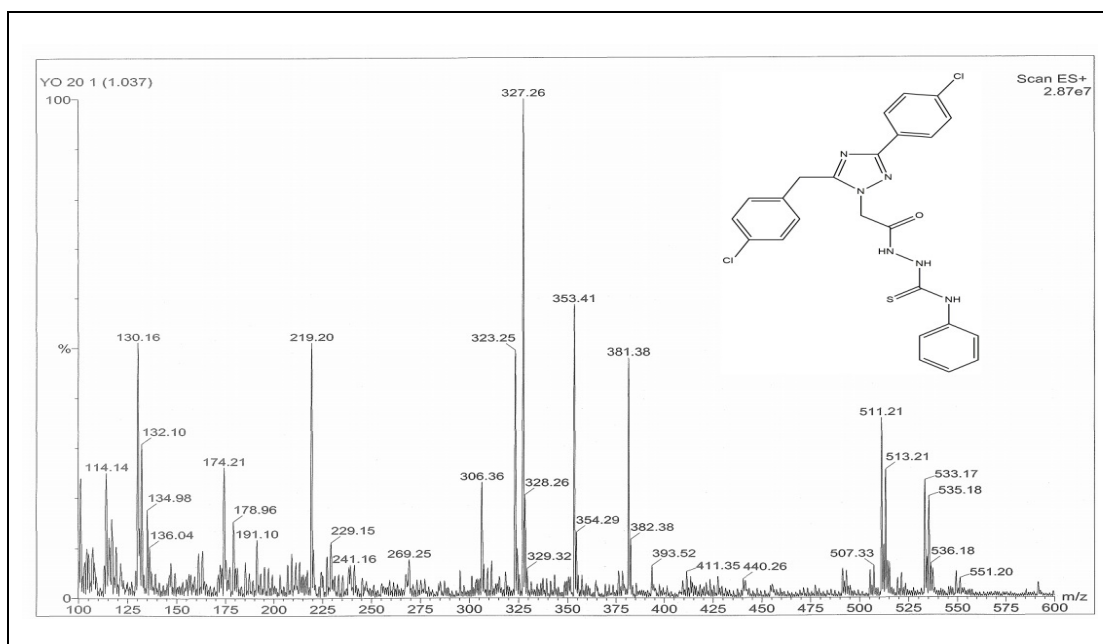


**2c- $^{13}\text{C}$  NMR**

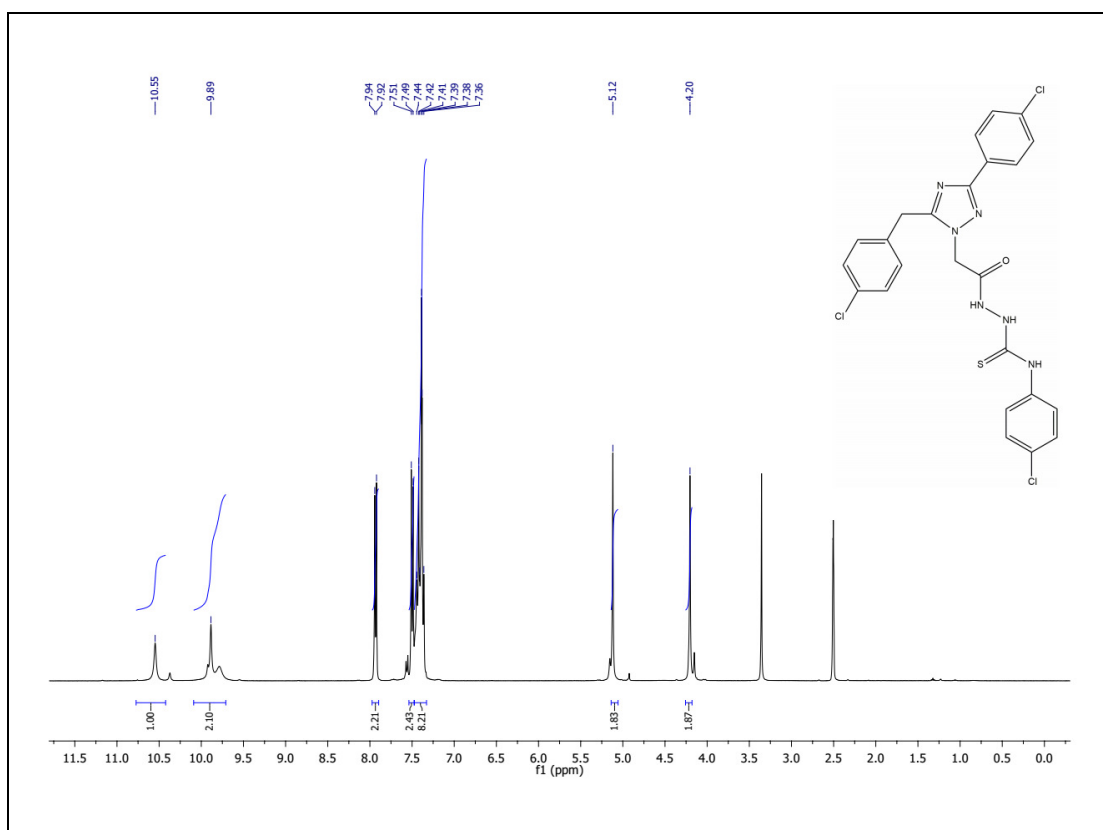


**2c-Mass spectrum**

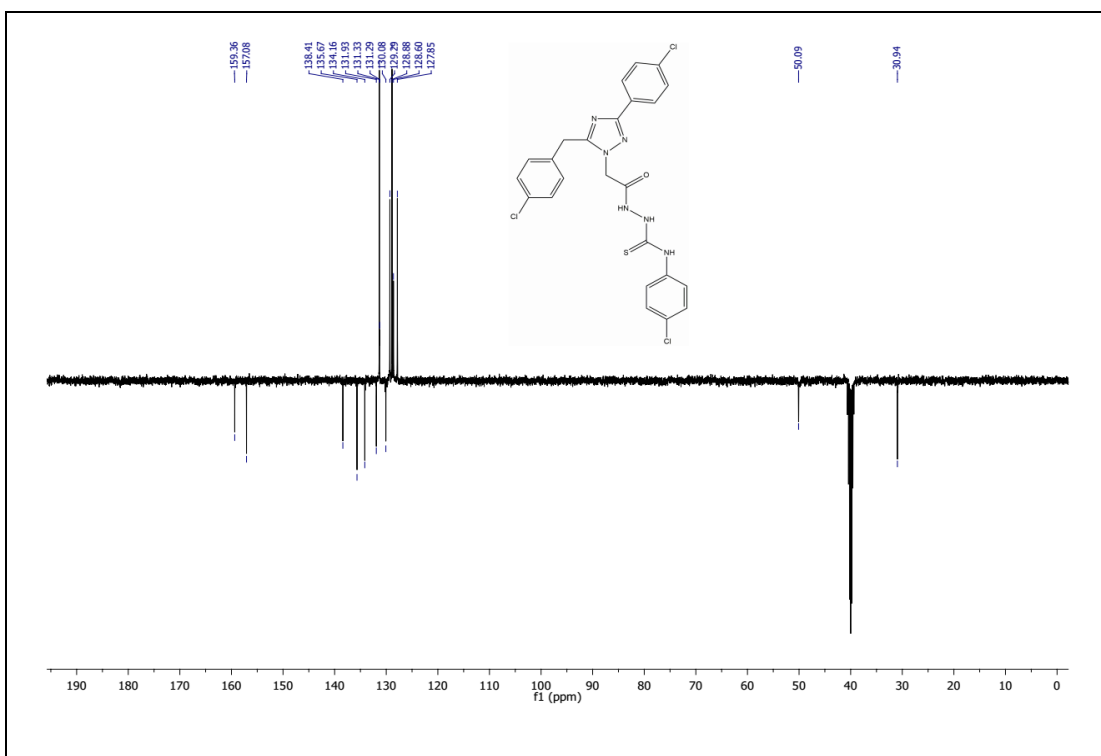




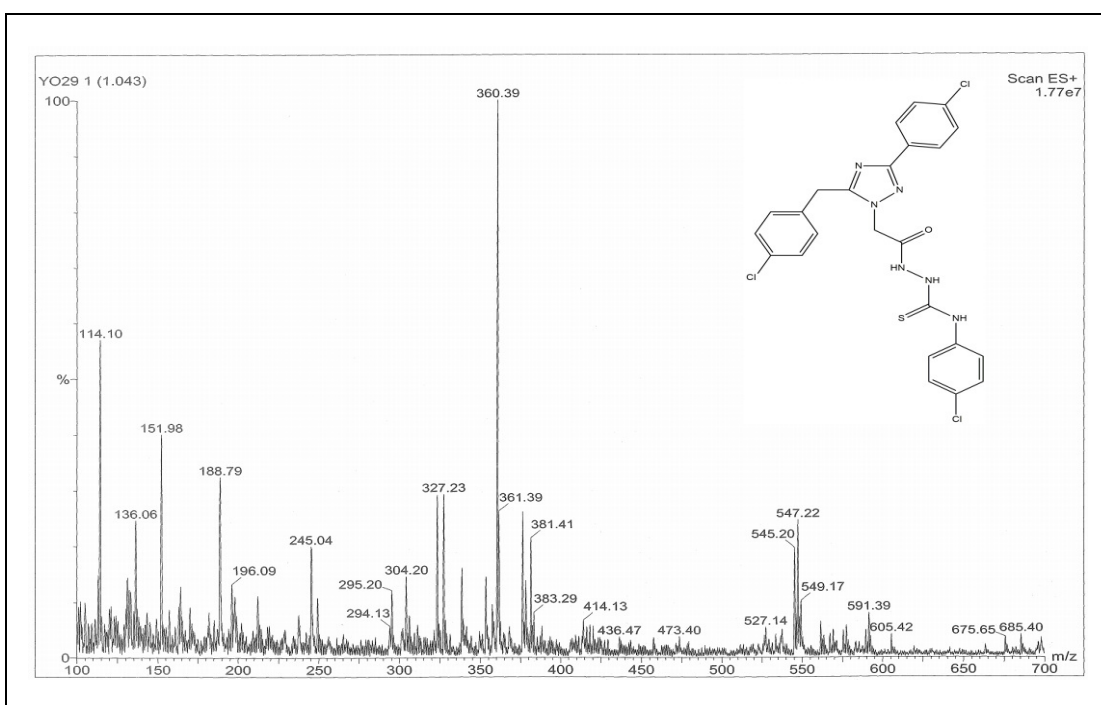
**2d-Mass spectrum**



**2e-<sup>1</sup>H NMR**

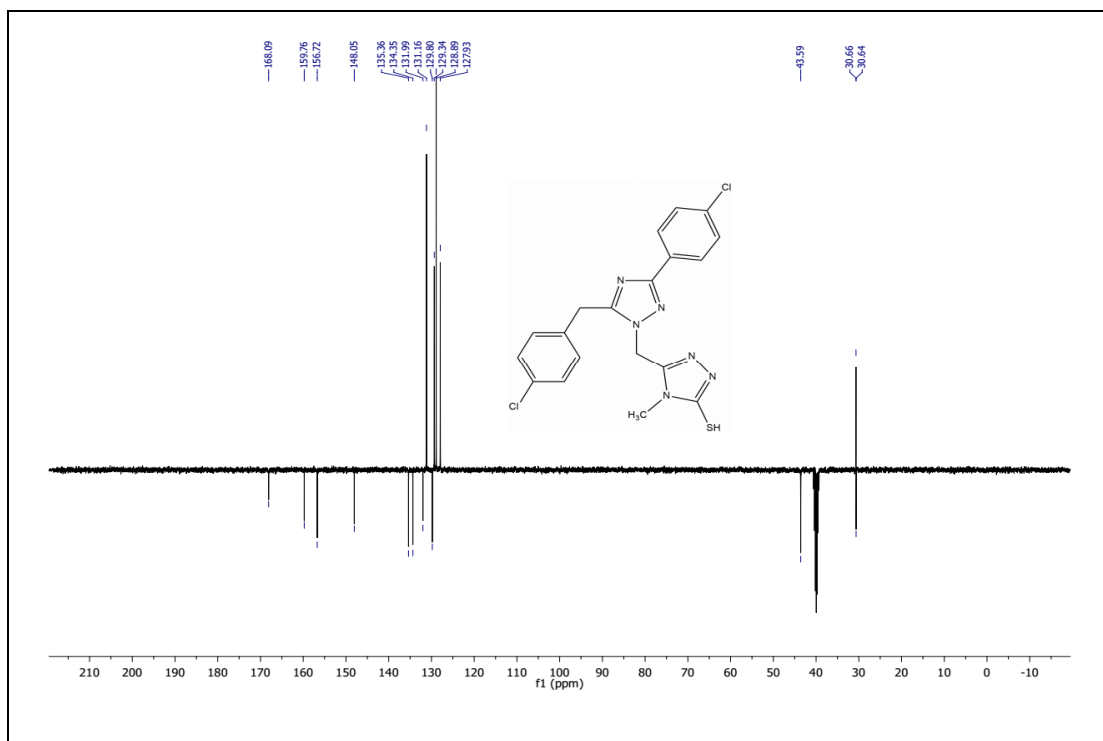
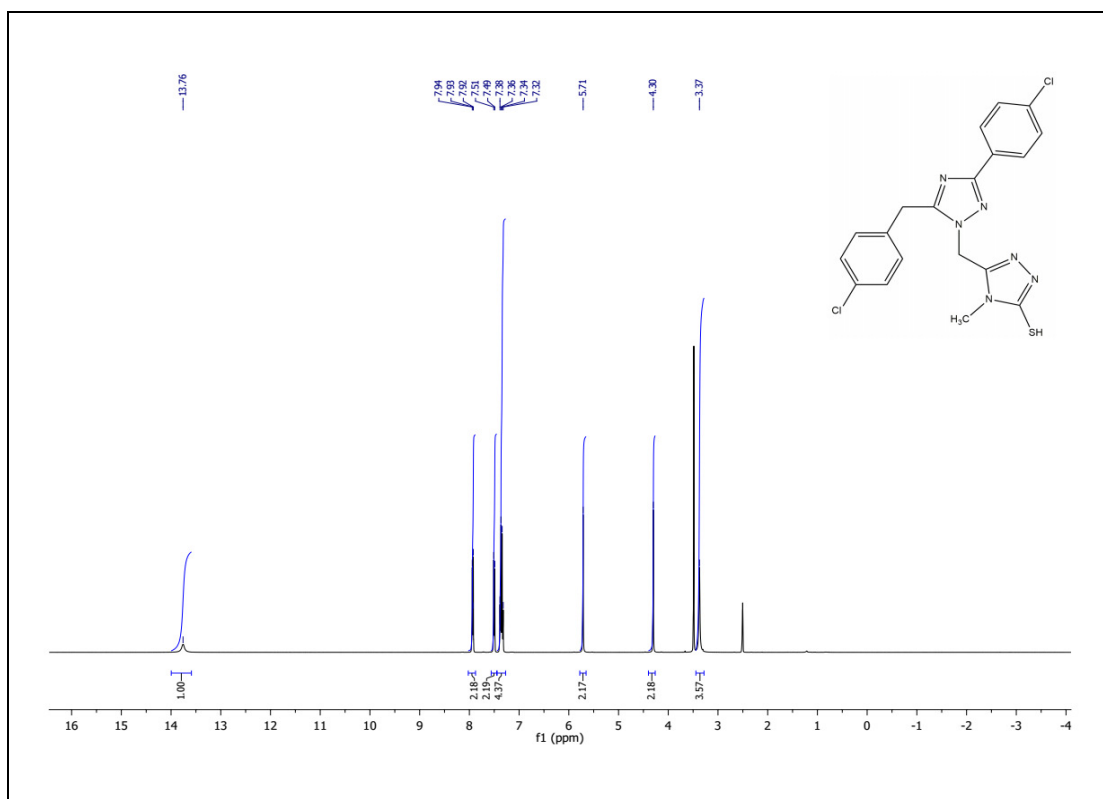


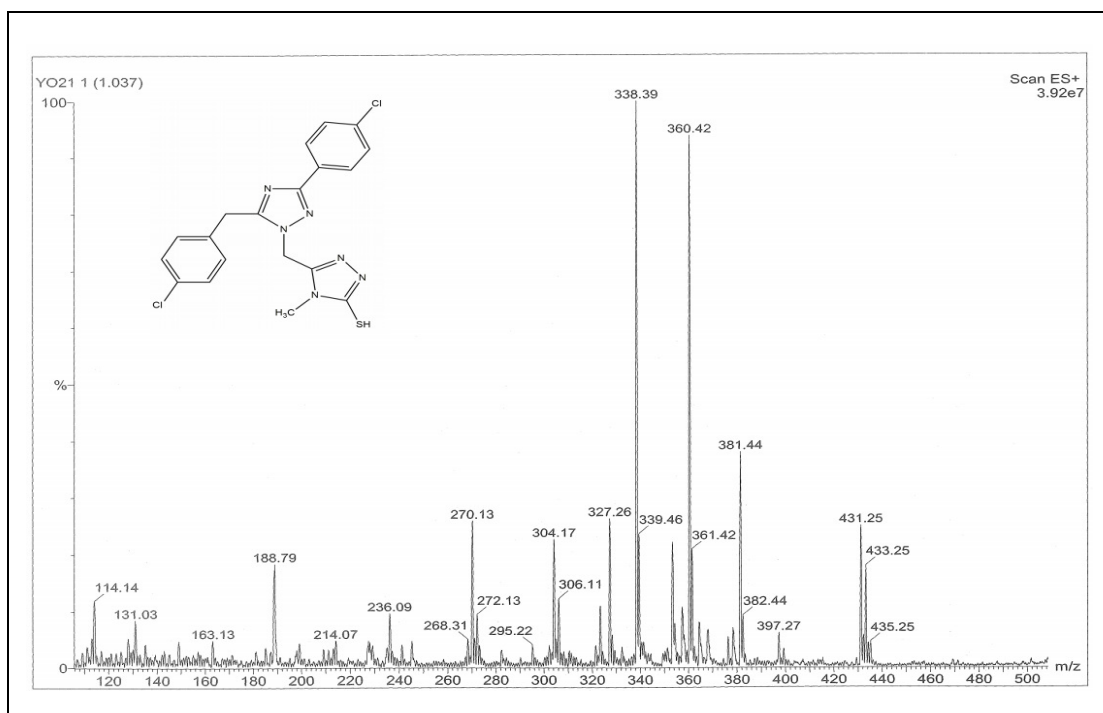
**2e-<sup>13</sup>C NMR**



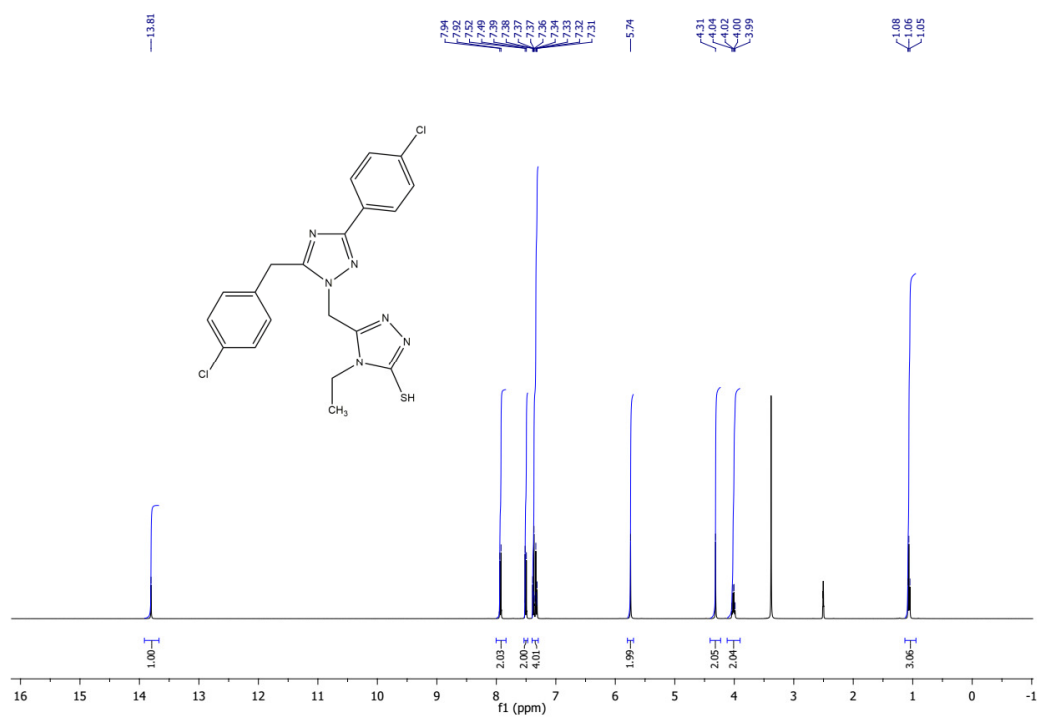
**2e-Mass spectrum**



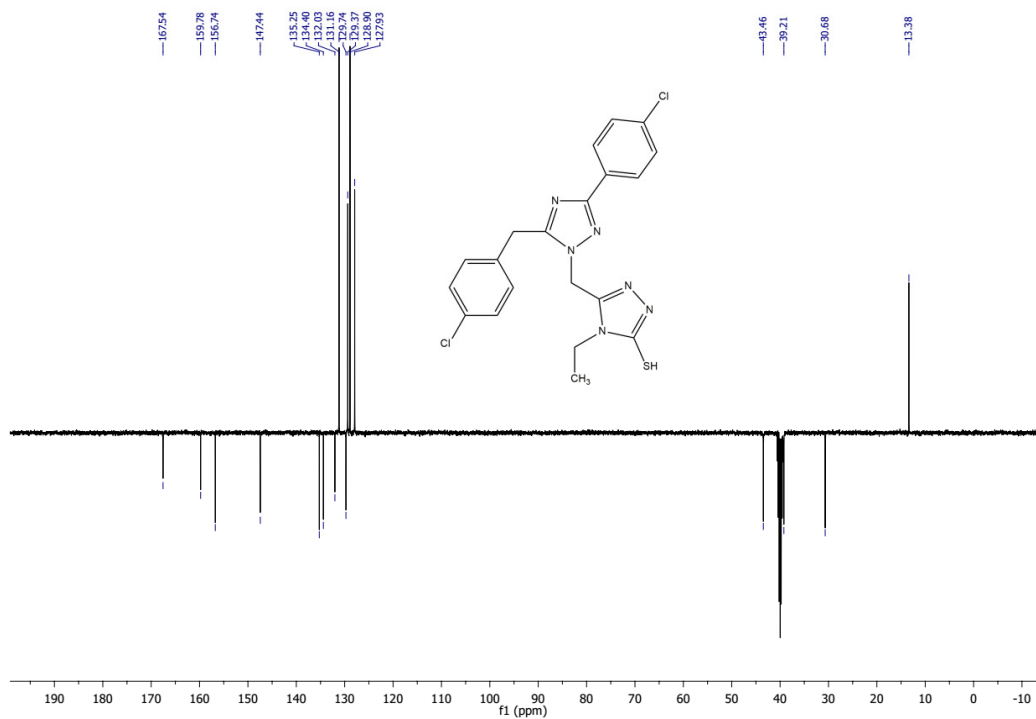




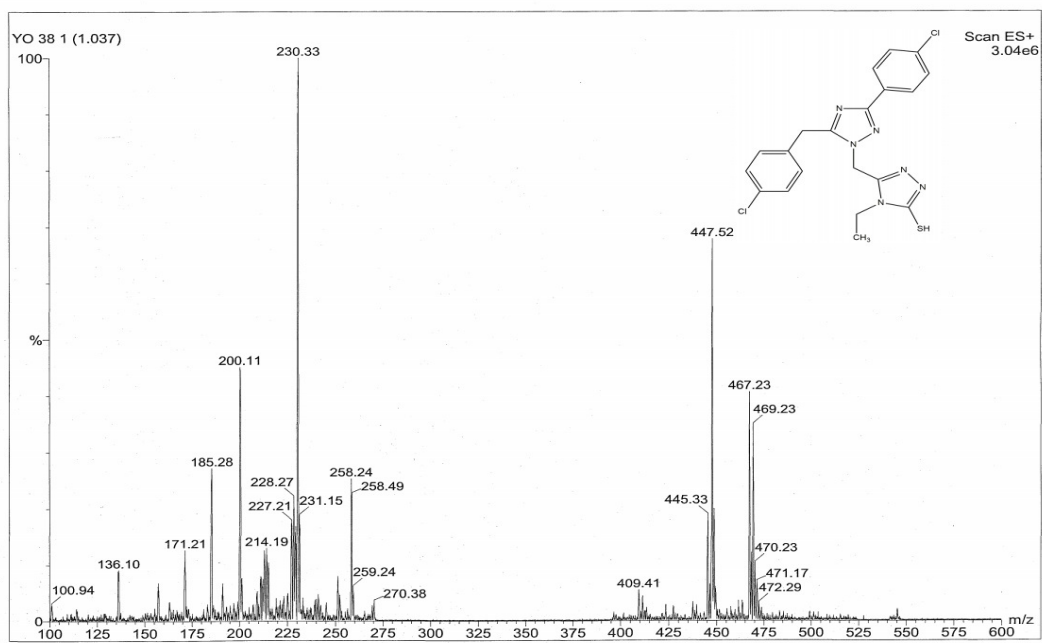
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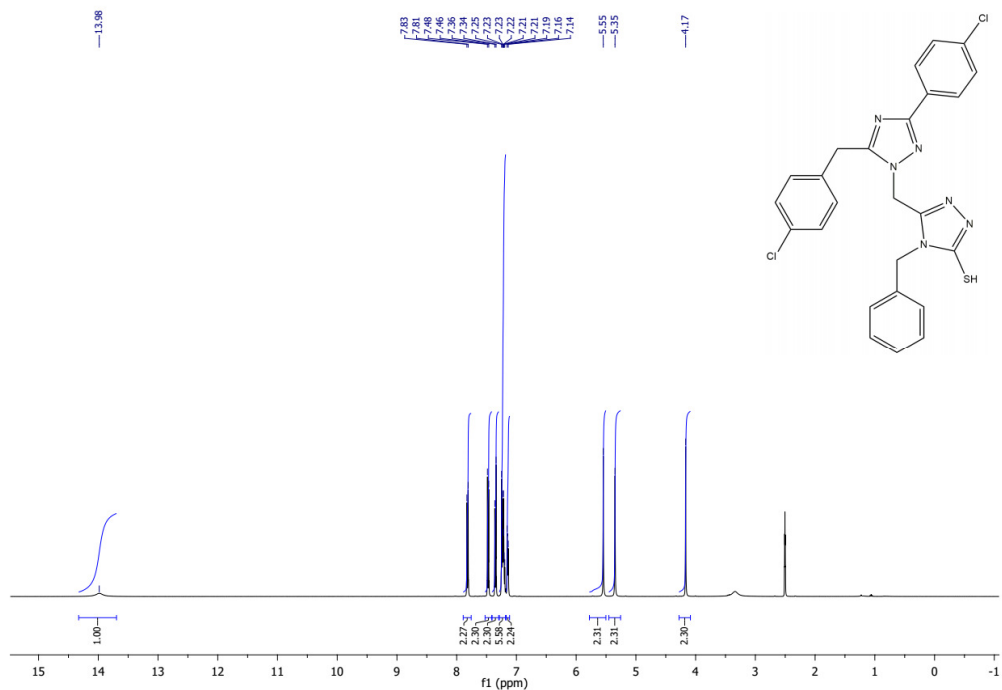
**3b-<sup>1</sup>H NMR**



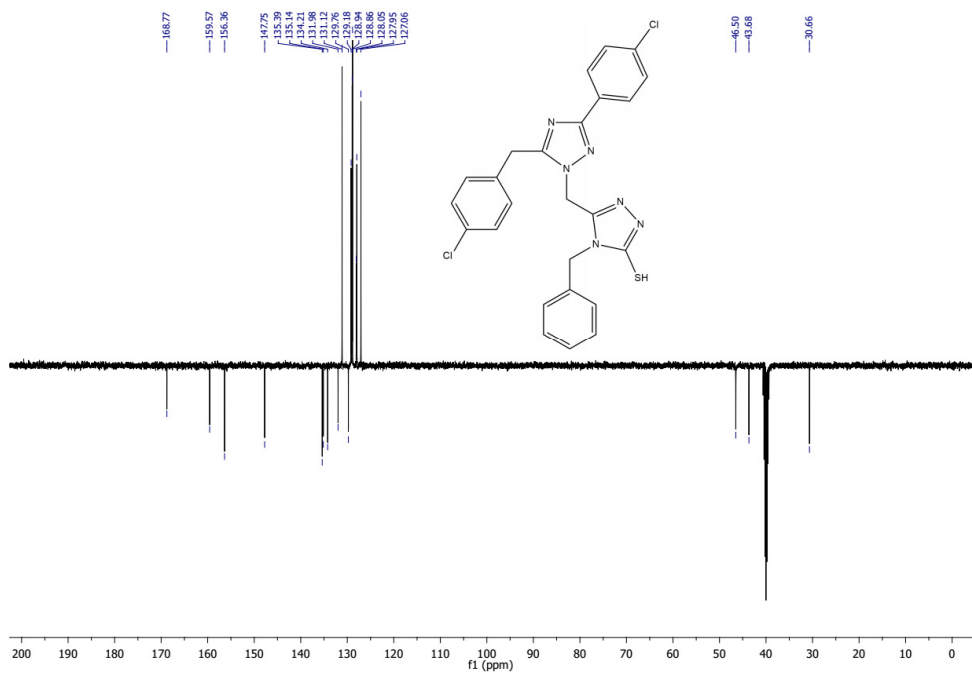
### 3b-<sup>13</sup>C NMR



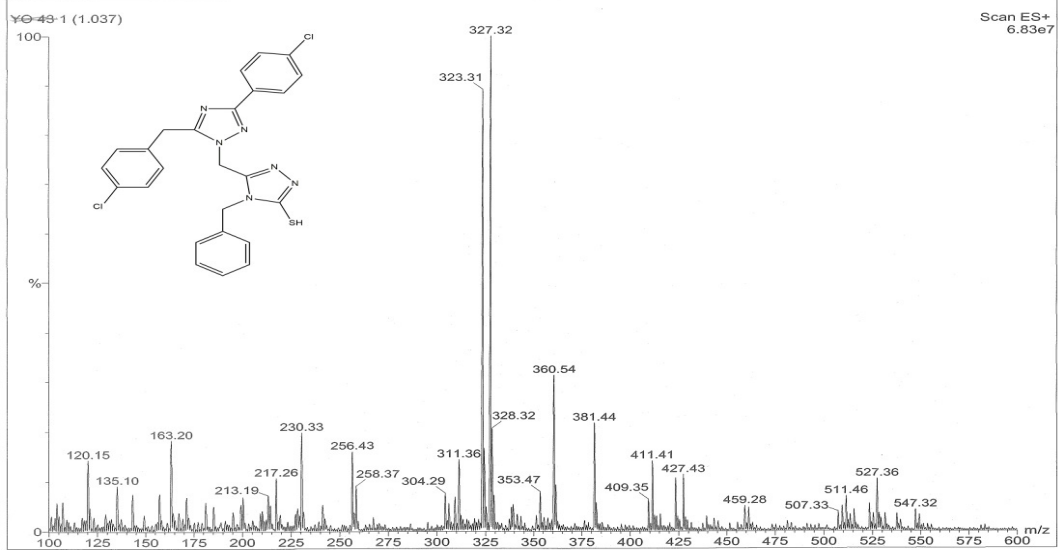
### 3b-Mass spectrum



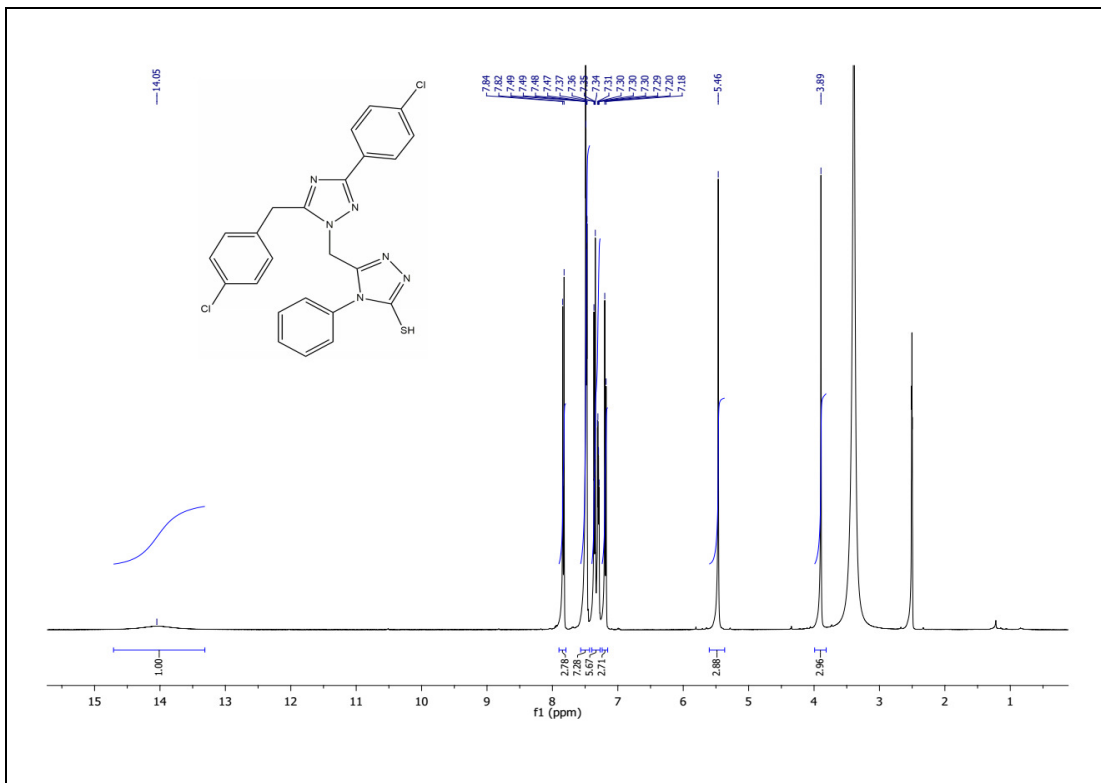
### 3c-<sup>1</sup>H NMR



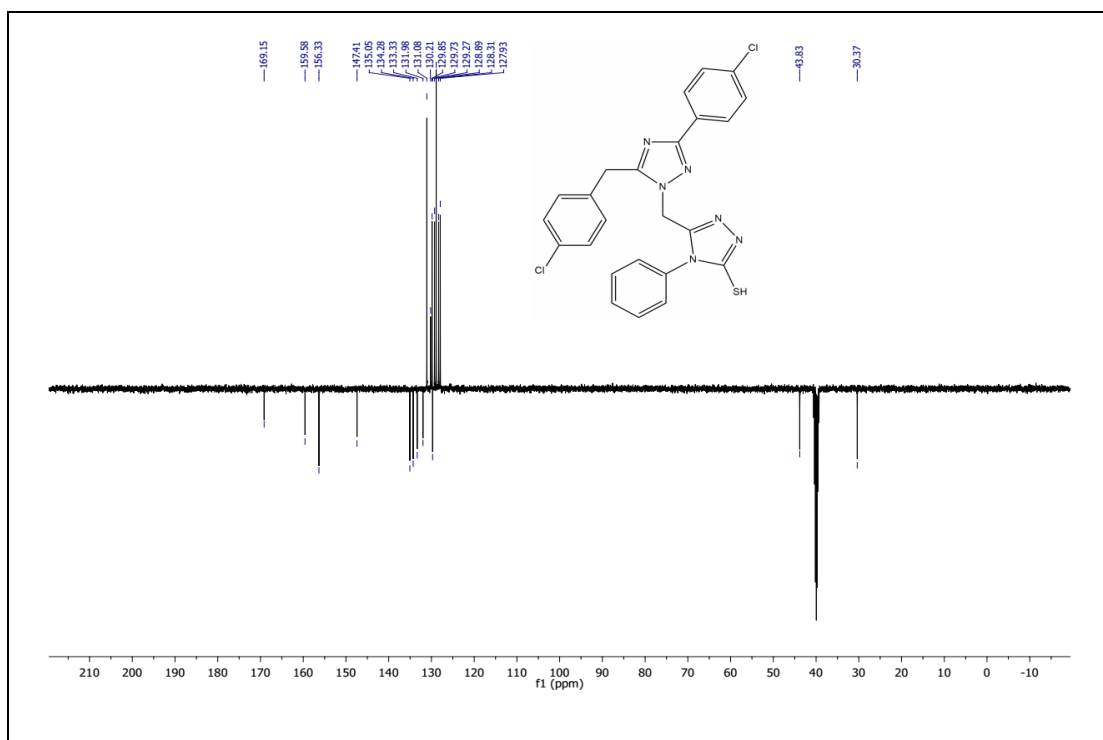
### 3c-<sup>13</sup>C NMR



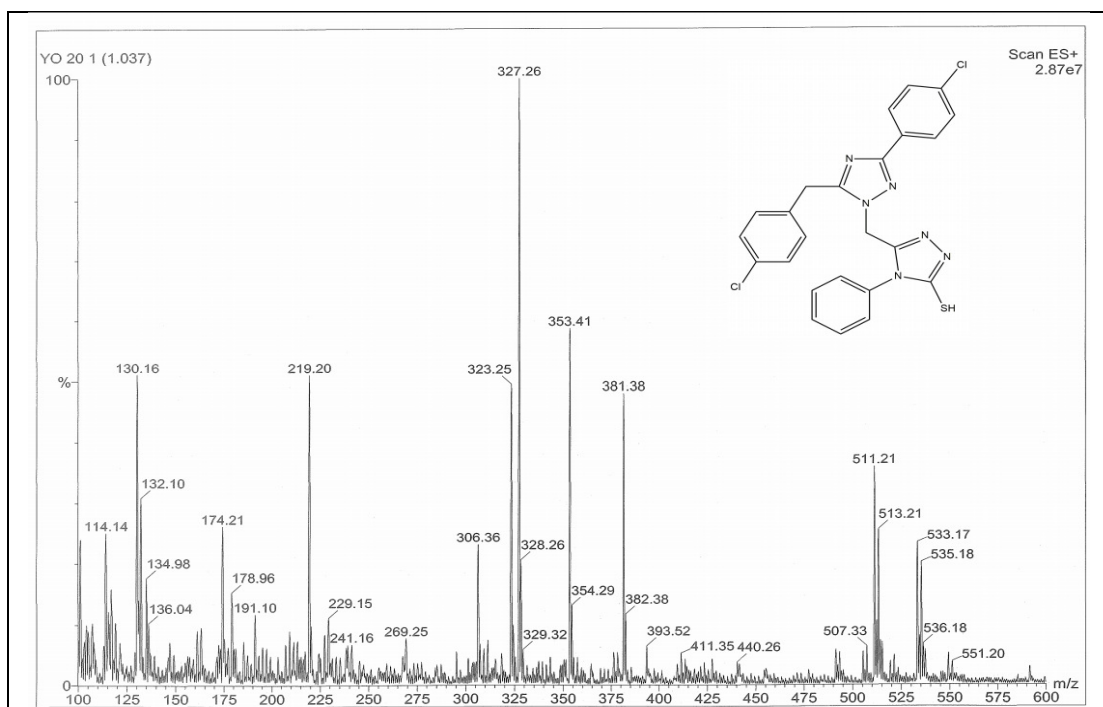
3c-Mass spectrum



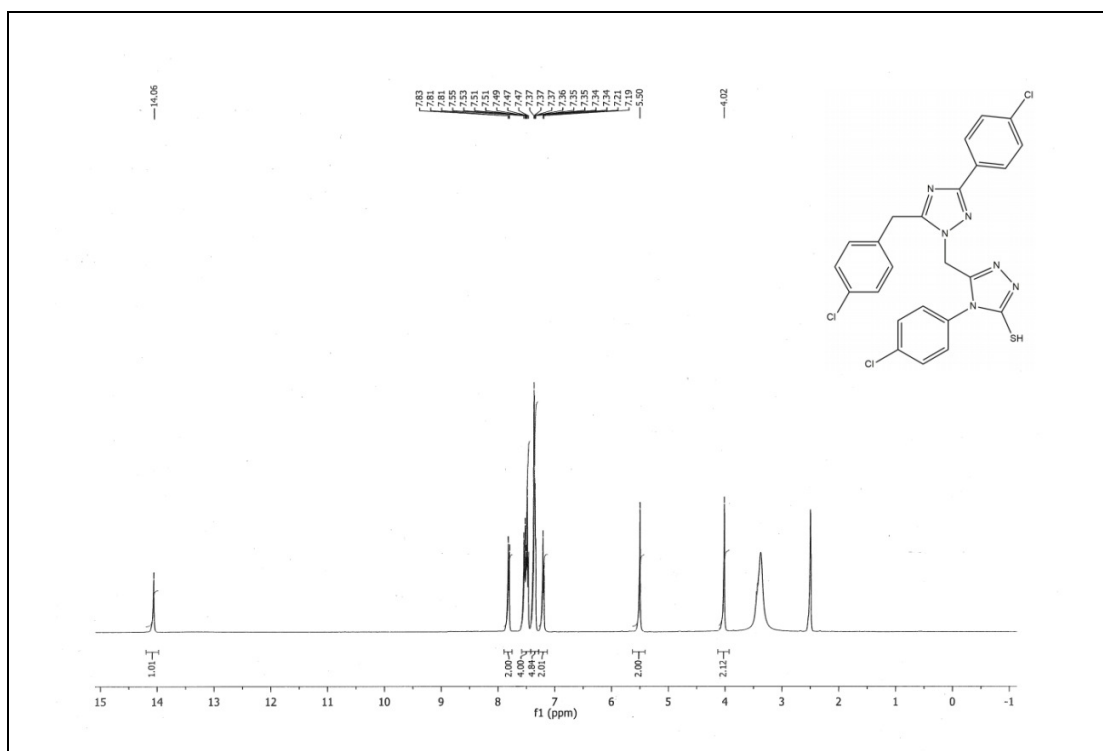
3d-<sup>1</sup>H NMR



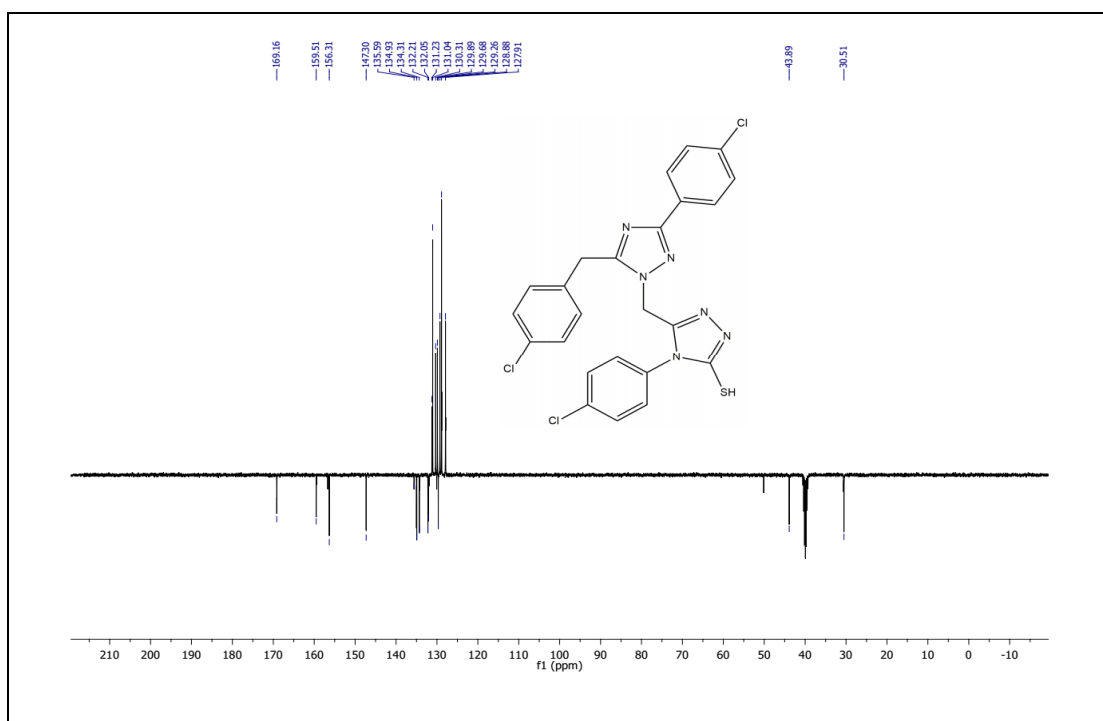
3d- $^{13}\text{C}$  NMR



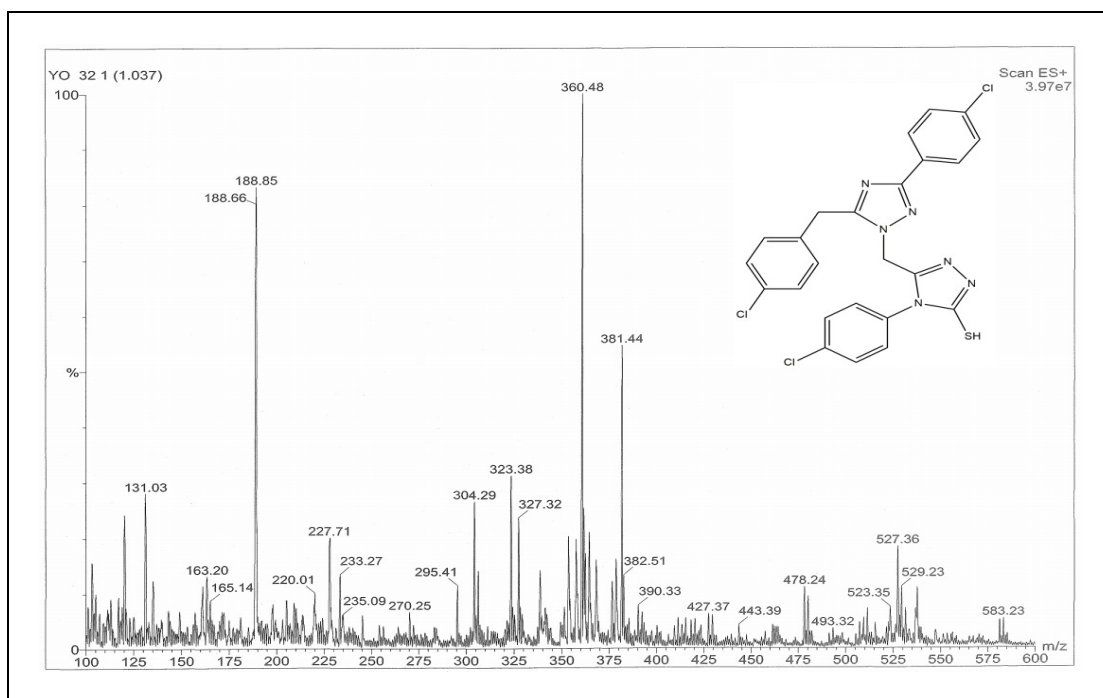
3d-Mass spectrum



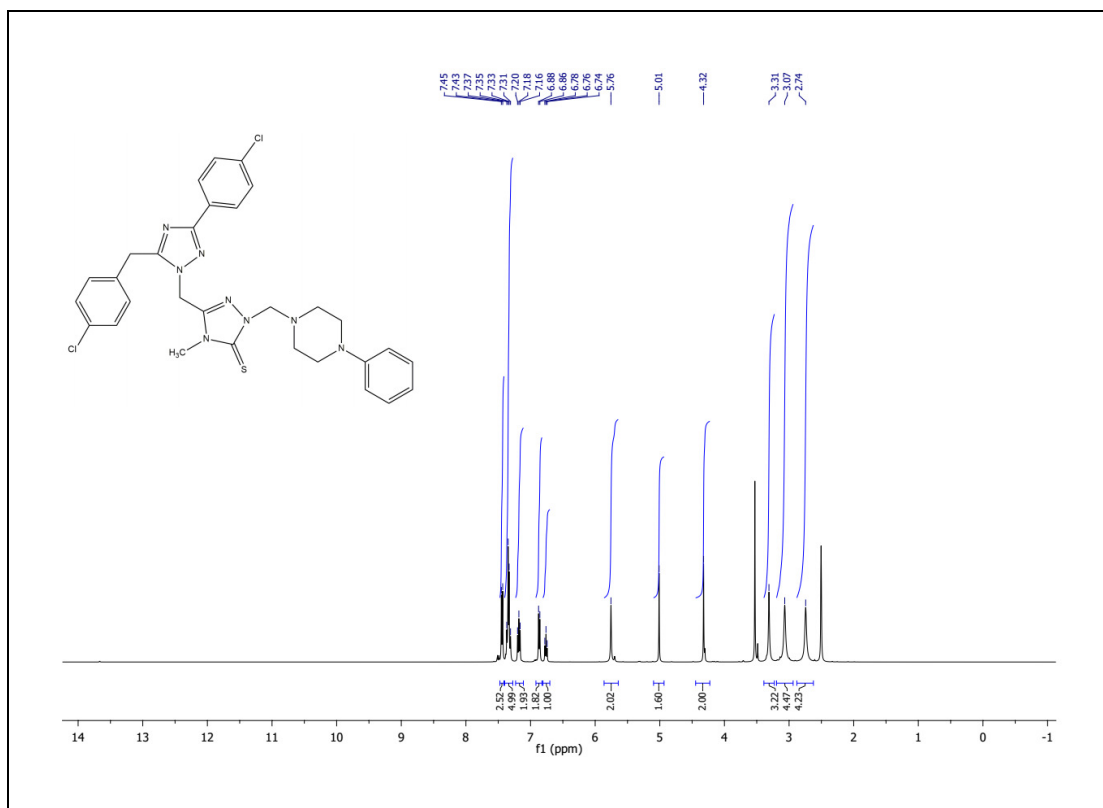
3e- $^1\text{H NMR}$



3e- $^{13}\text{C NMR}$

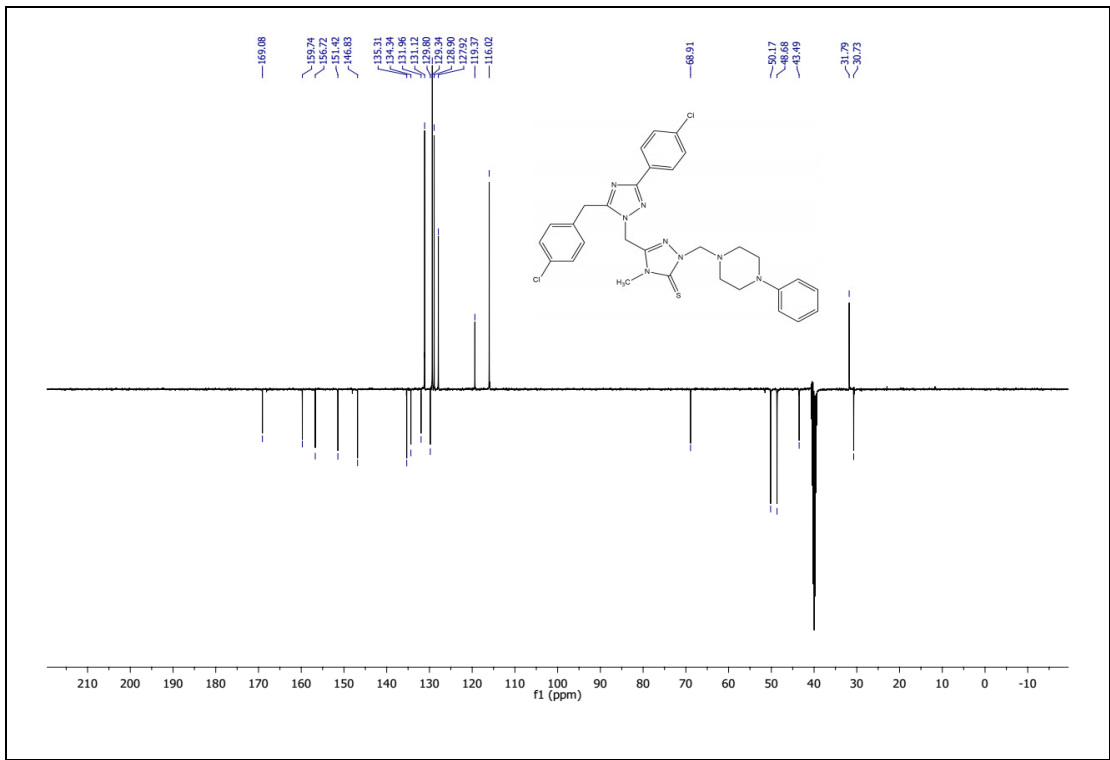


3e-Mass spectrum

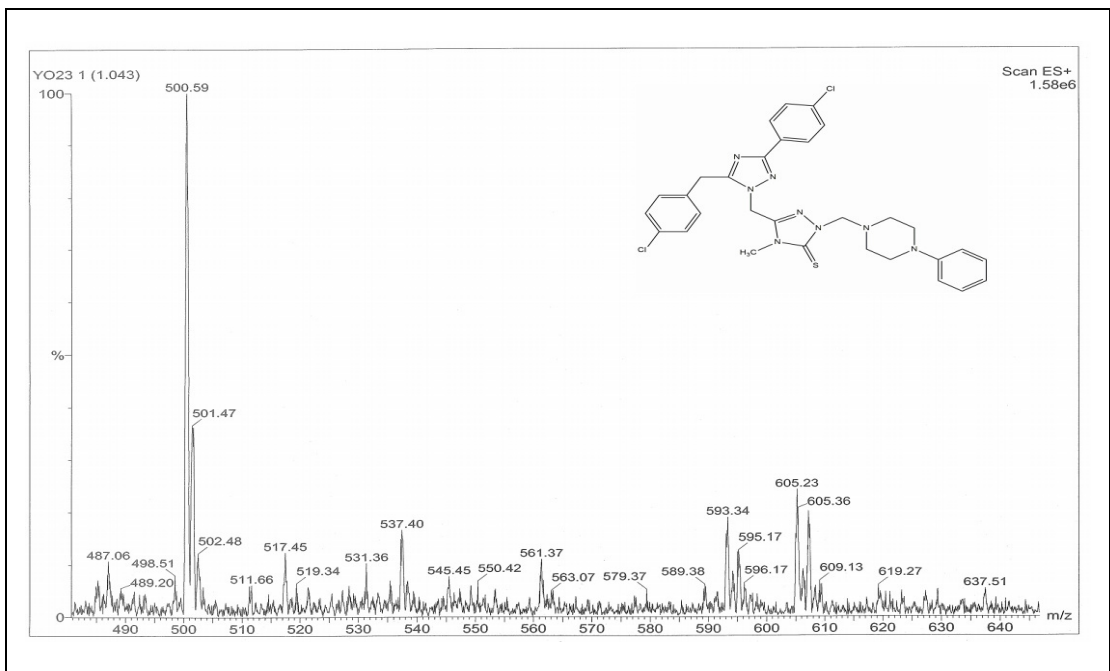


4a-<sup>1</sup>H NMR

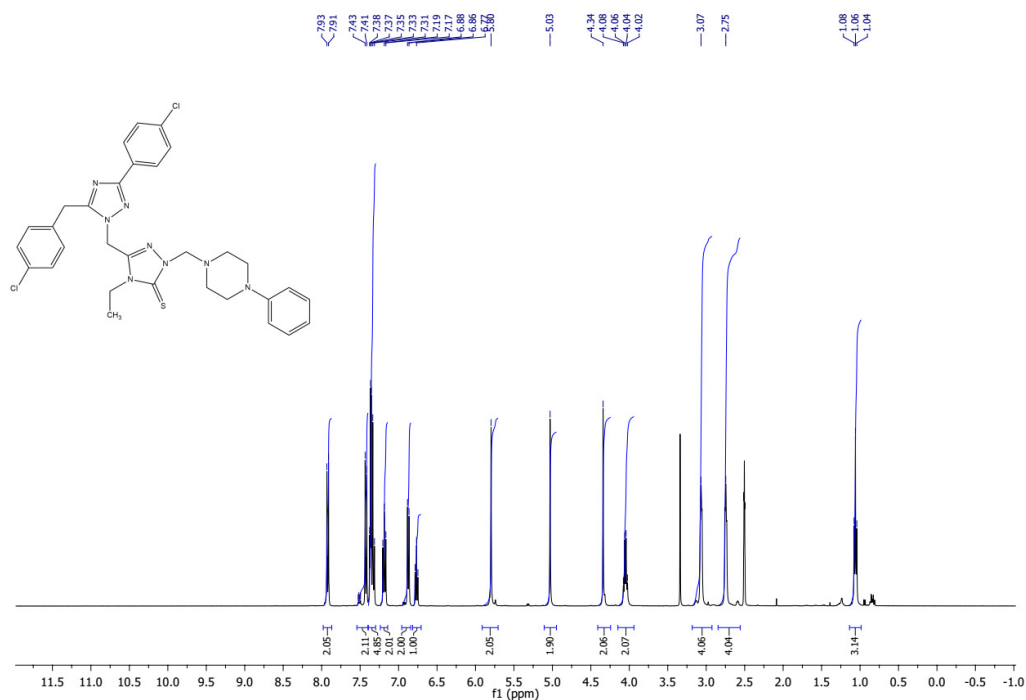




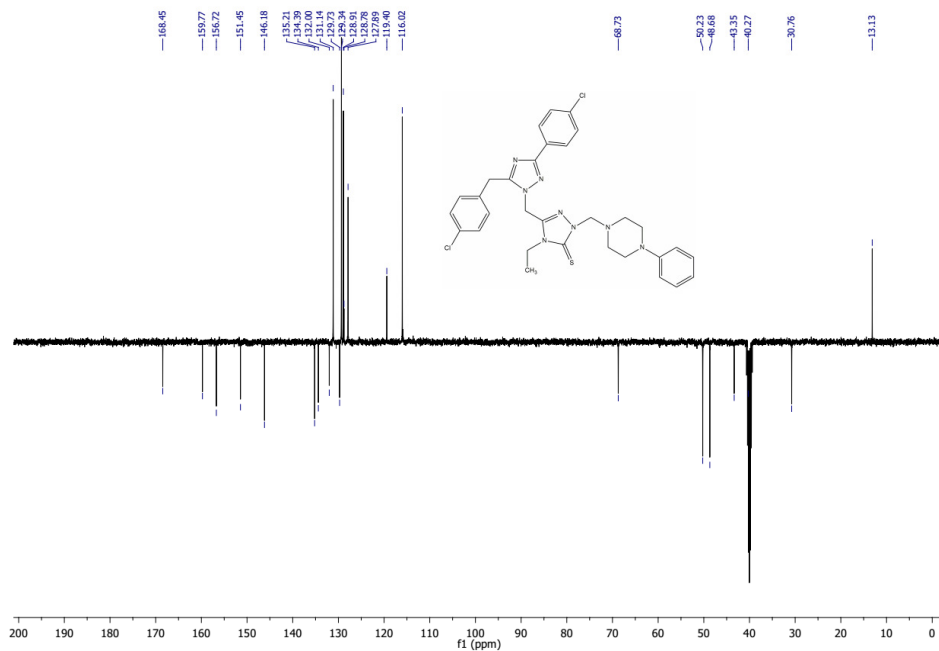
4a- $^{13}\text{C}$  NMR



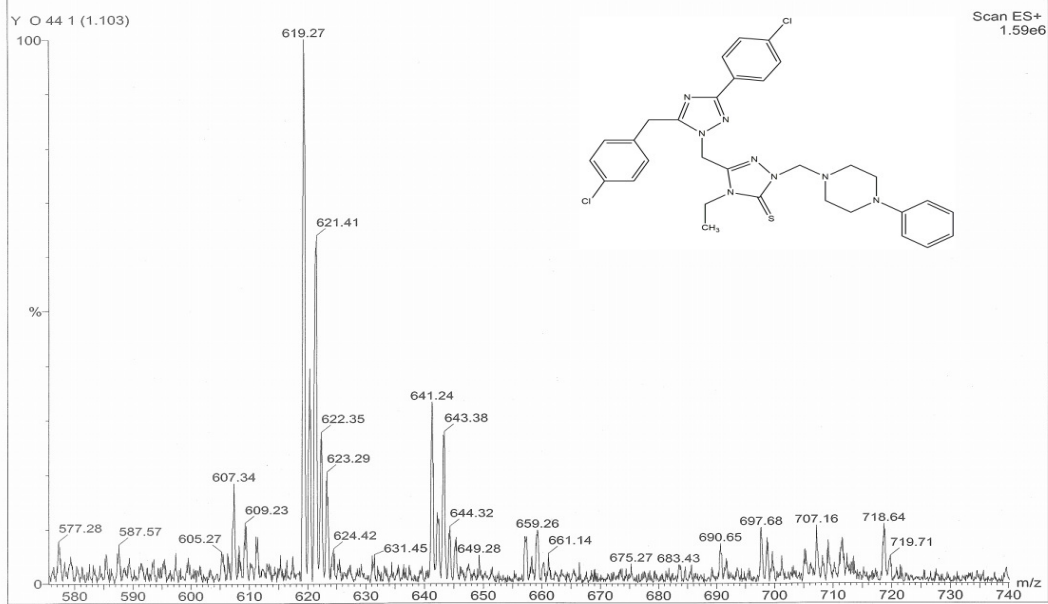
4a-Mass spectrum



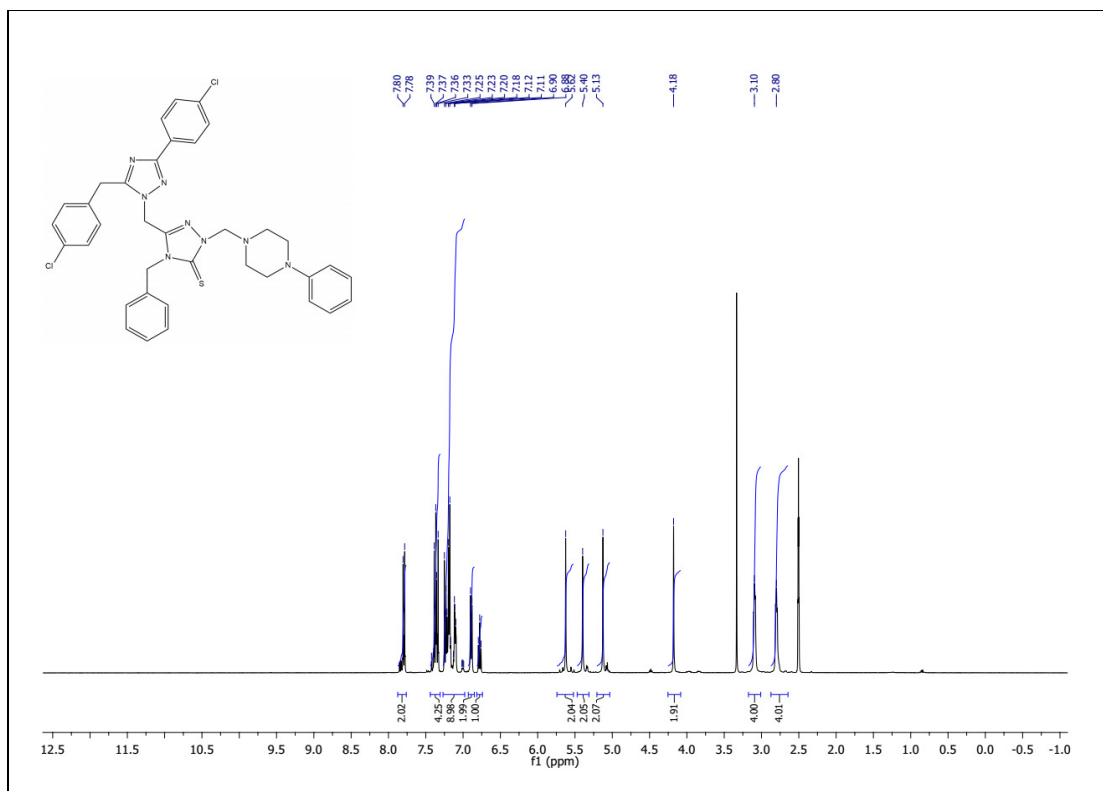
**4b-<sup>1</sup>H NMR**



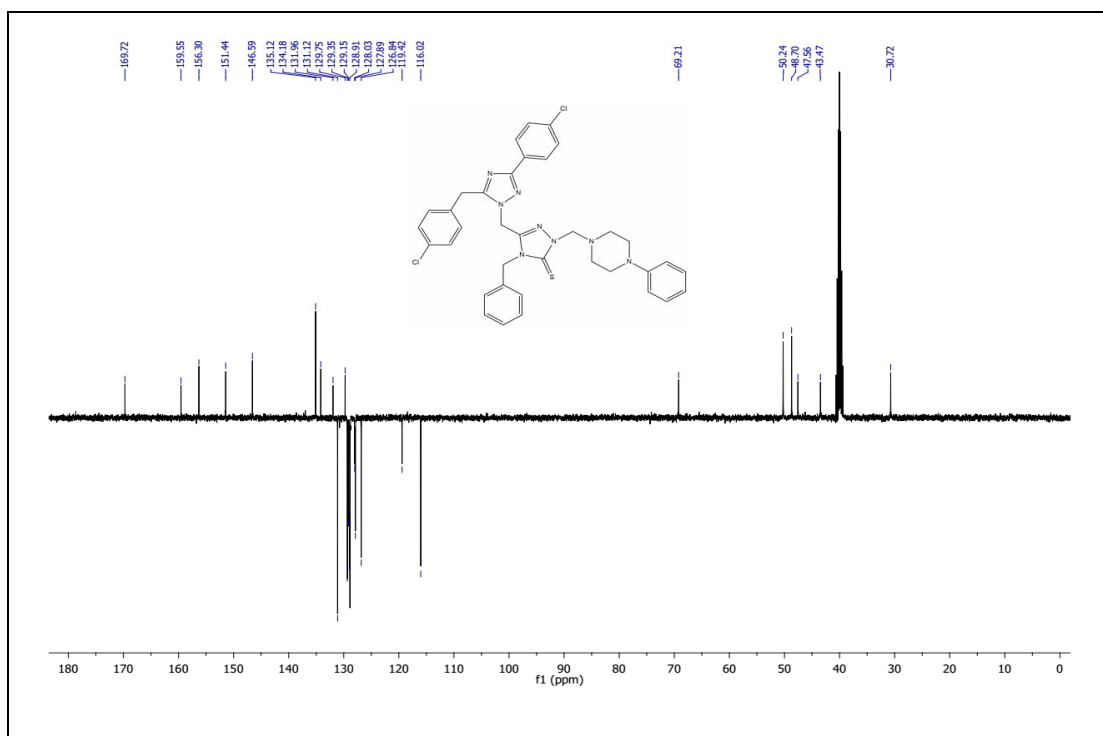
**4b-<sup>13</sup>C NMR**



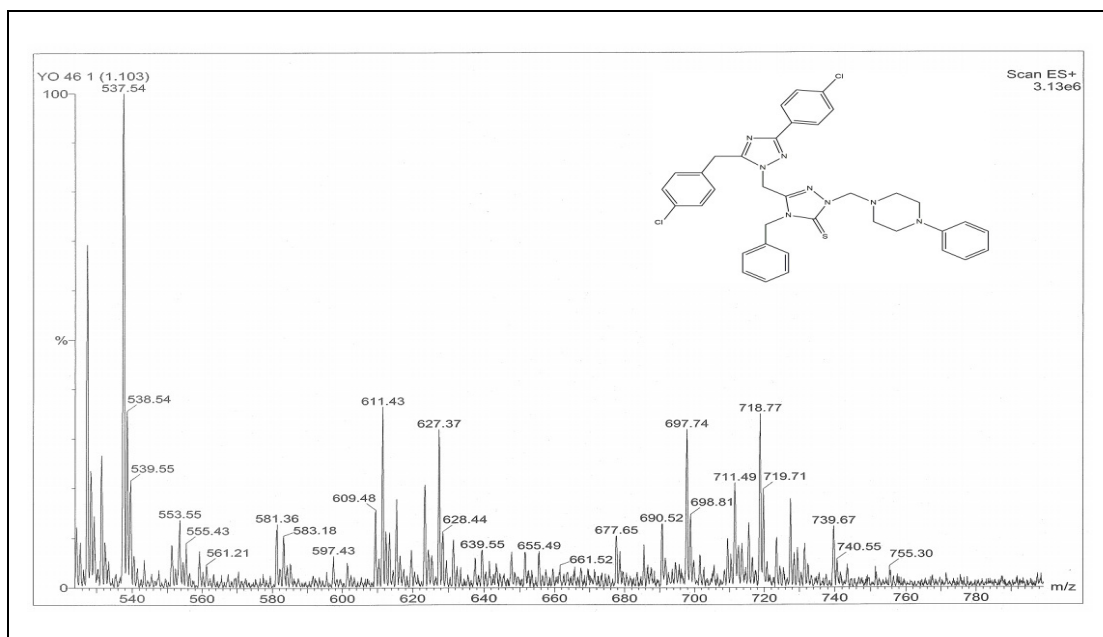
#### 4b-Mass spectrum



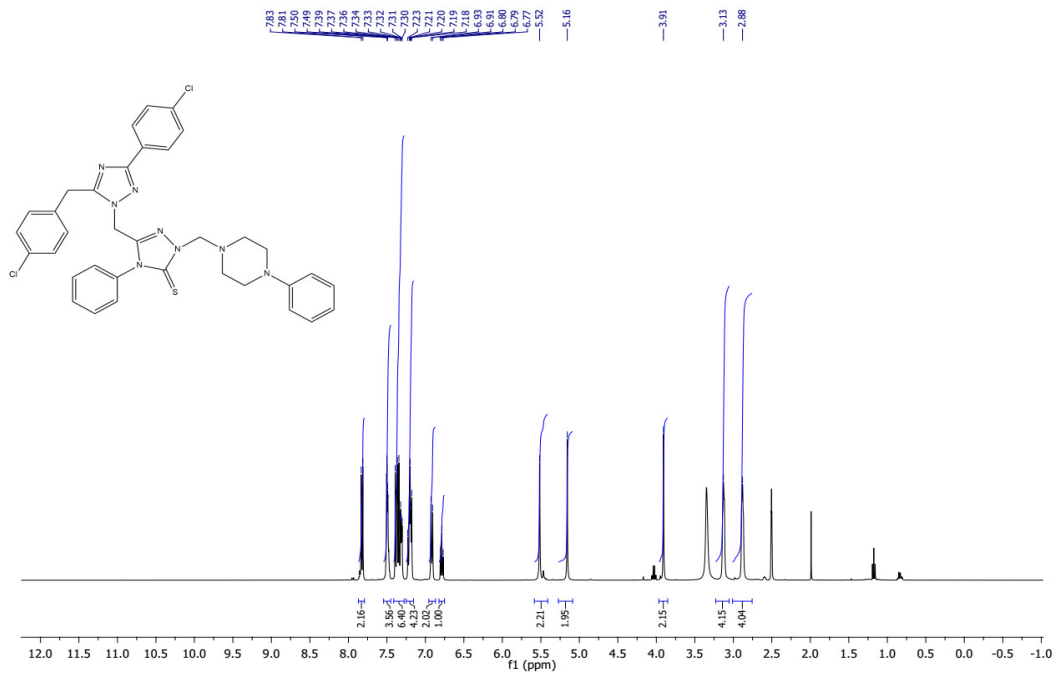
#### 4c-<sup>1</sup>H NMR



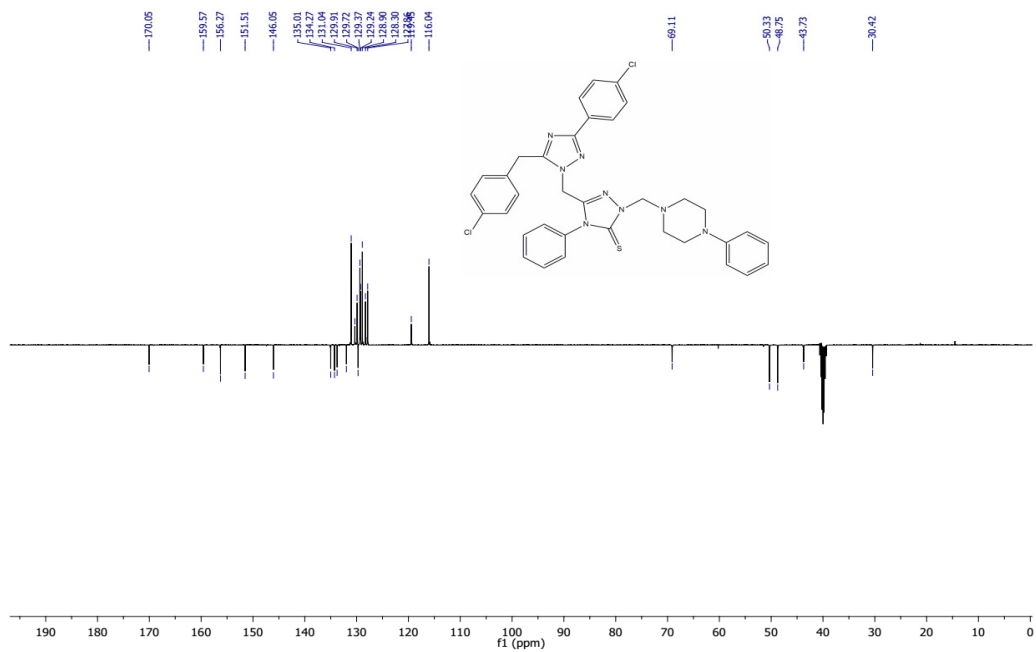
4c- $^{13}\text{C}$  NMR



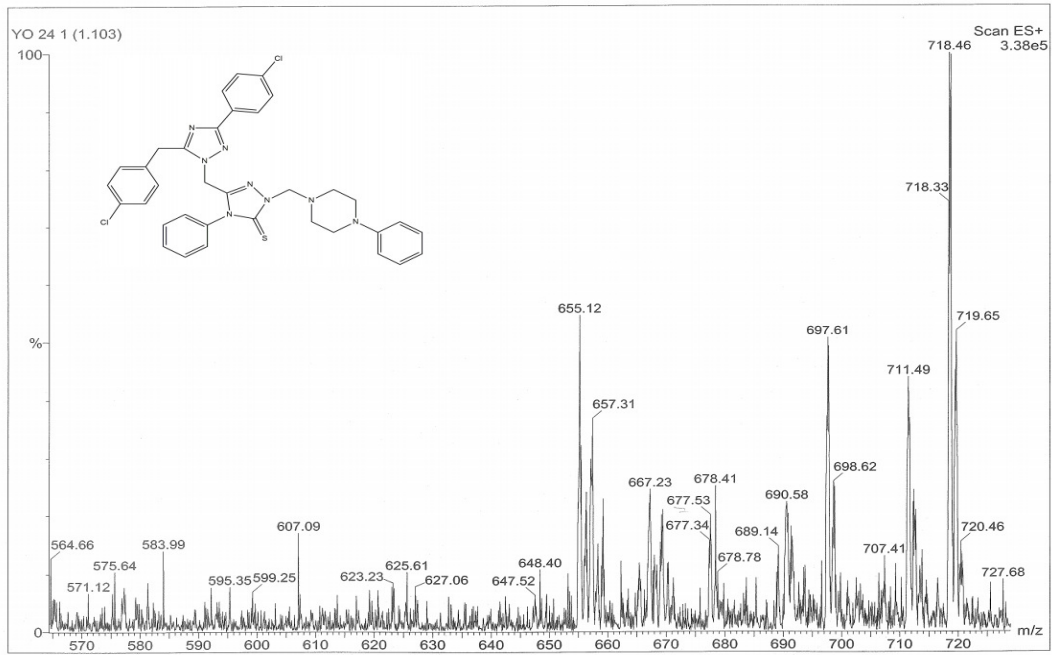
4c-Mass spectrum



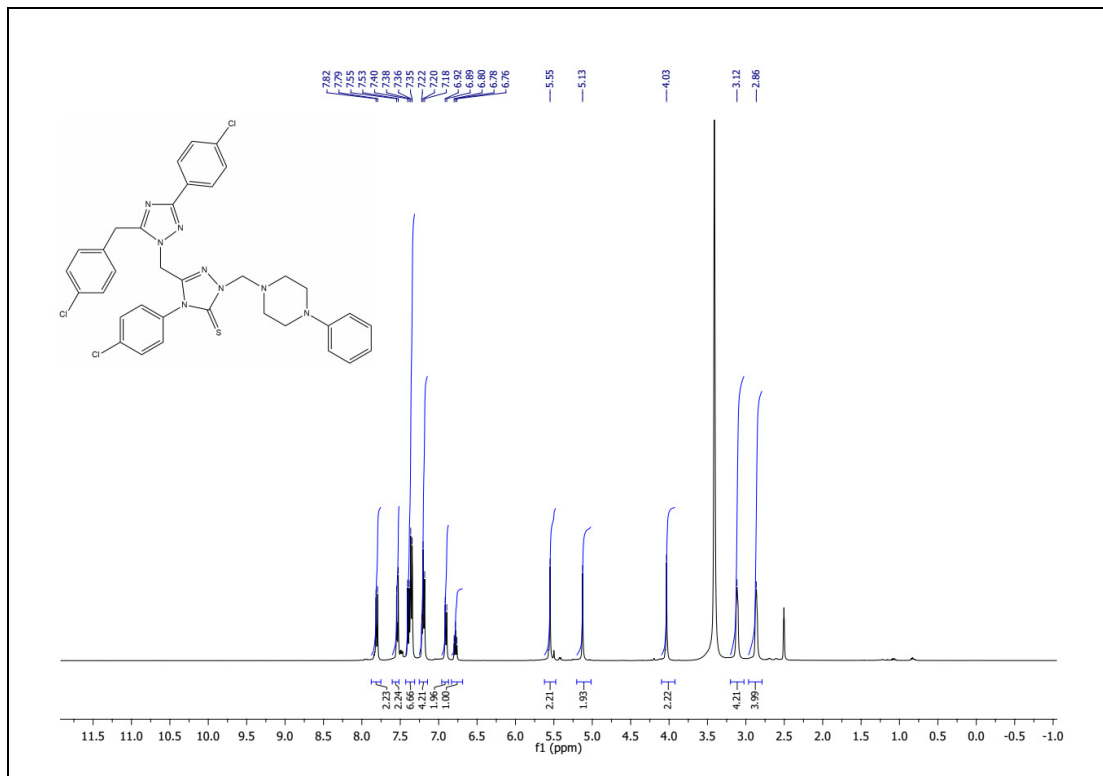
**4d-<sup>1</sup>H NMR**



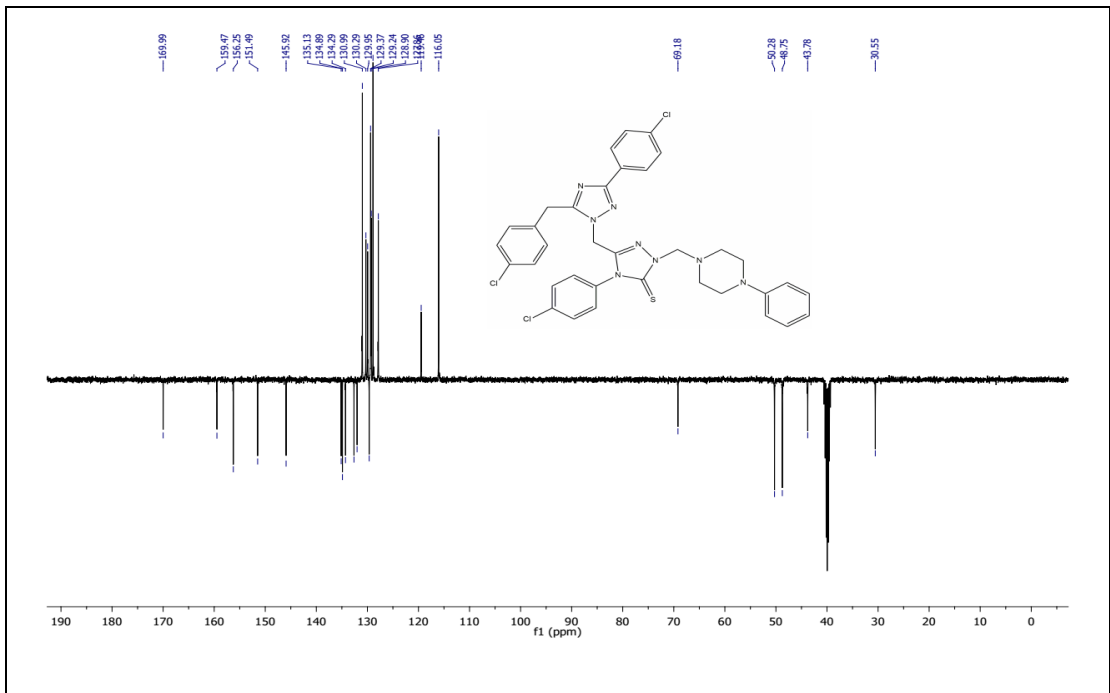
**4d-<sup>13</sup>C NMR**



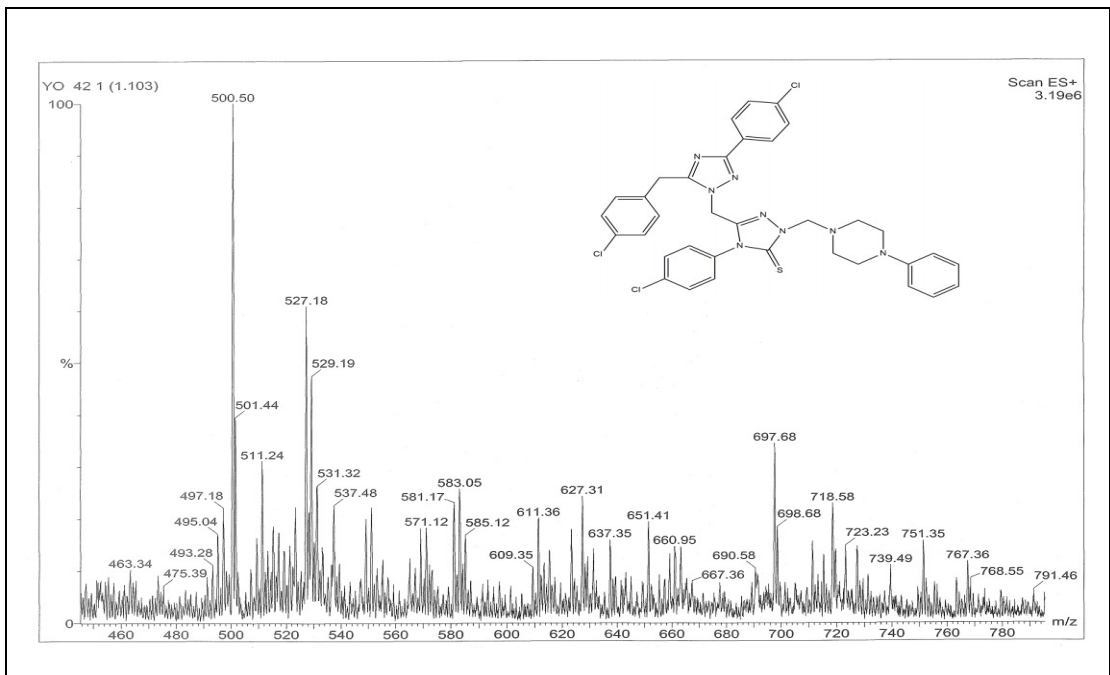
### 4d-Mass spectrum



### 4e-<sup>1</sup>H NMR



4e- $^{13}\text{C}$  NMR



4e-Mass spectrum