

**New Journal of Chemistry**

**Thiazolidine-2,4-dione framework containing spiropyrrolidine-oxindole and 1,2,3-triazole scaffold:  
Synthesis, *in vitro*  $\alpha$ -amylase inhibition and *insilico* studies**

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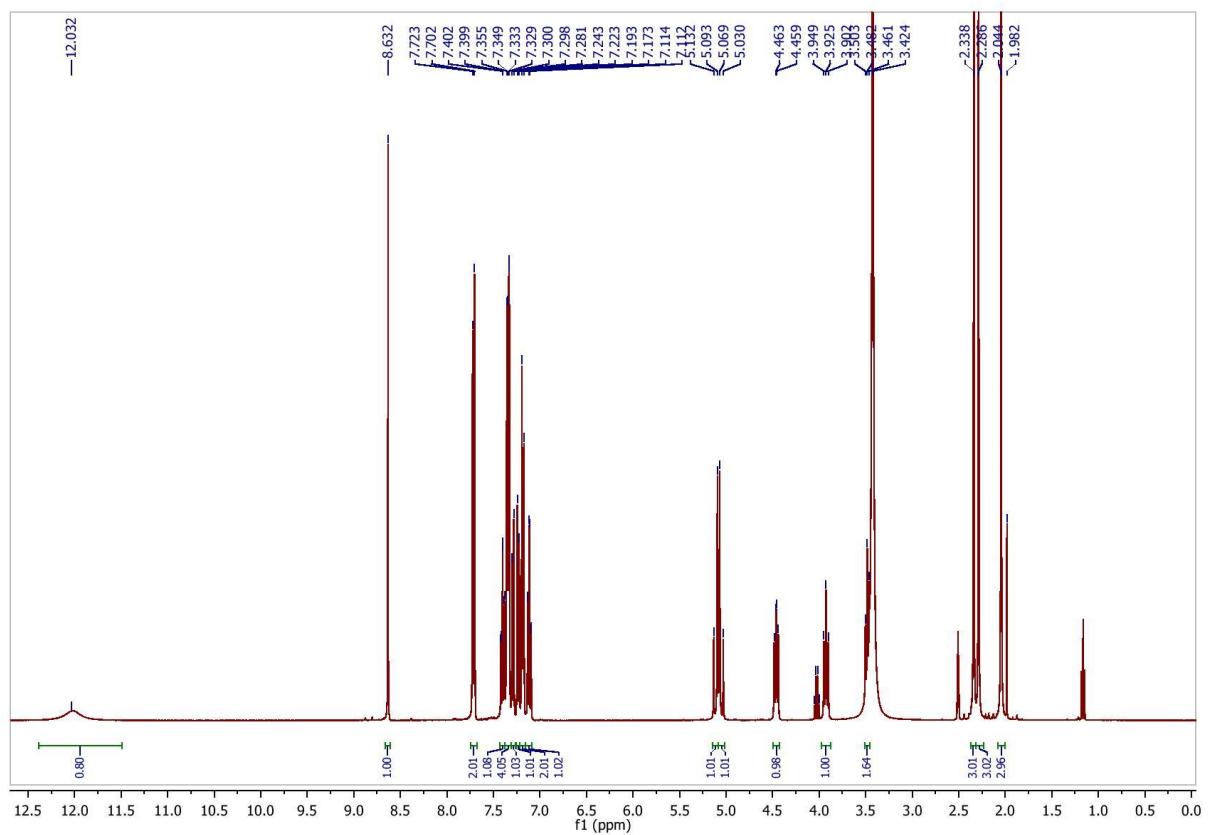
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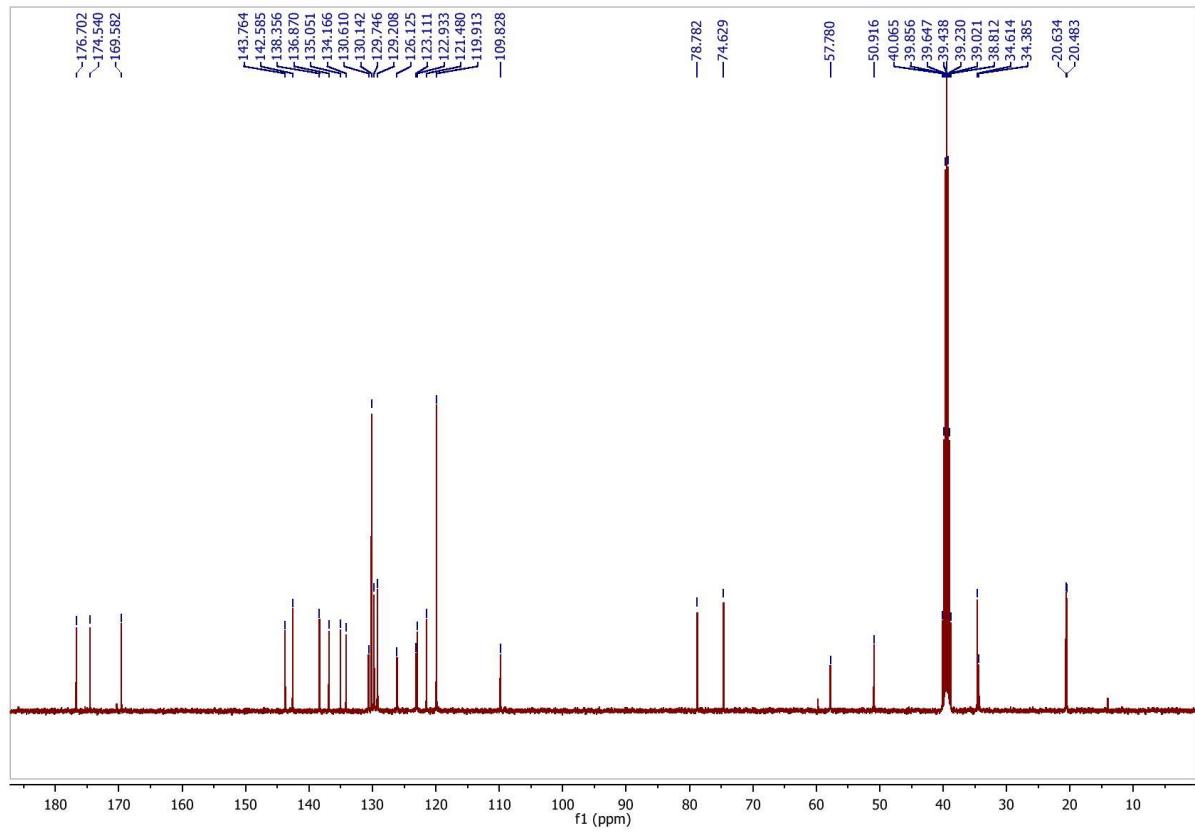
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## Supporting information

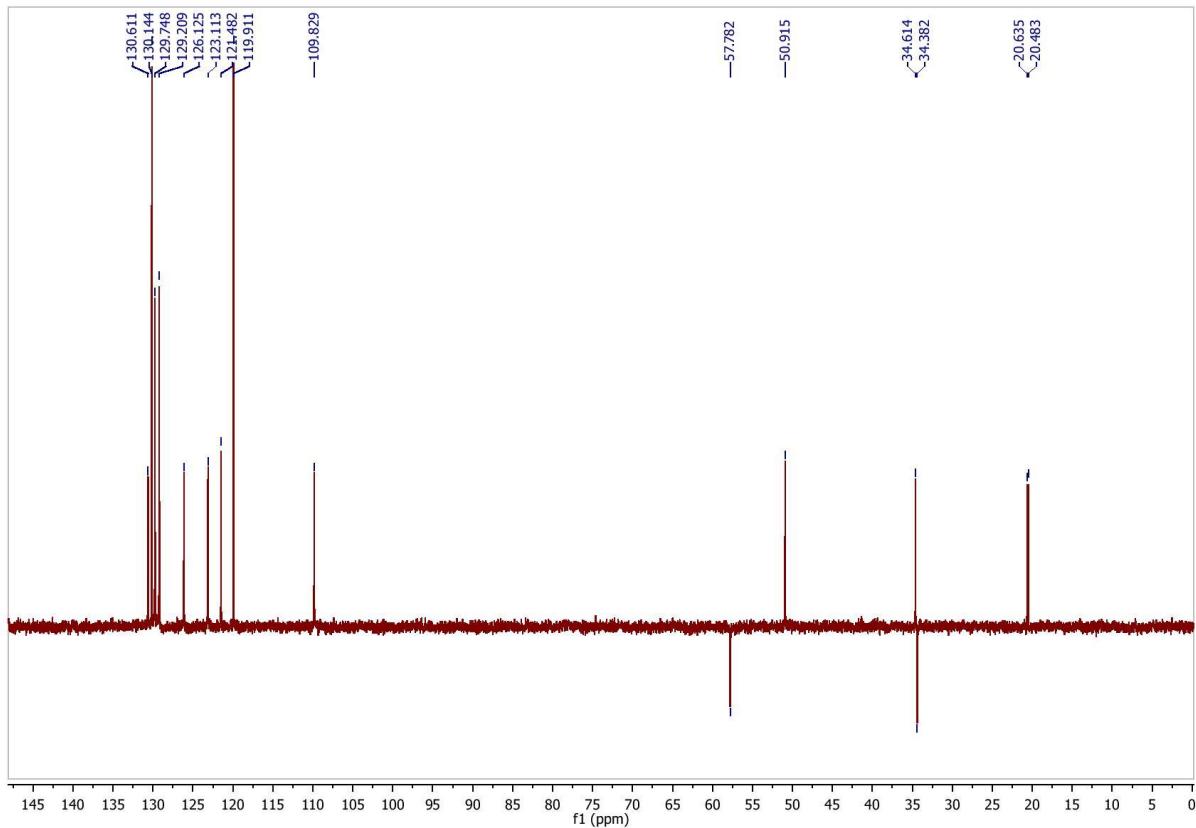
Figure S1: $^1\text{H}$ -NMR of 9a.....	3
Figure S2: $^{13}\text{C}$ -NMR of 9a.....	4
Figure S3: DEPT-135 of 9a .....	5
Figure S4: DEPT- of 9a .....	6
Figure S5: $^1\text{H}$ -NMR of 9b.....	7
Figure S6: $^{13}\text{C}$ -NMR of 9b.....	8
Figure S7: $^1\text{H}$ -NMR of 9c.....	9
Figure S8: $^{13}\text{C}$ -NMR of 9c.....	10
Figure S9: $^1\text{H}$ -NMR of 9d.....	11
Figure S10: $^{13}\text{C}$ -NMR of 9d.....	12
Figure S11: $^1\text{H}$ -NMR of 9e.....	13
Figure S12: $^{13}\text{C}$ -NMR of 9e.....	14
Figure S13: $^1\text{H}$ -NMR of 9f .....	15
Figure S14: $^{13}\text{C}$ -NMR of 9f .....	16
Figure S15: $^1\text{H}$ -NMR of 9g.....	17
Figure S16: $^{13}\text{C}$ -NMR of 9g.....	18
Figure S17: $^1\text{H}$ -NMR of 9h.....	19
Figure S19: HRMS of 9a. ....	21



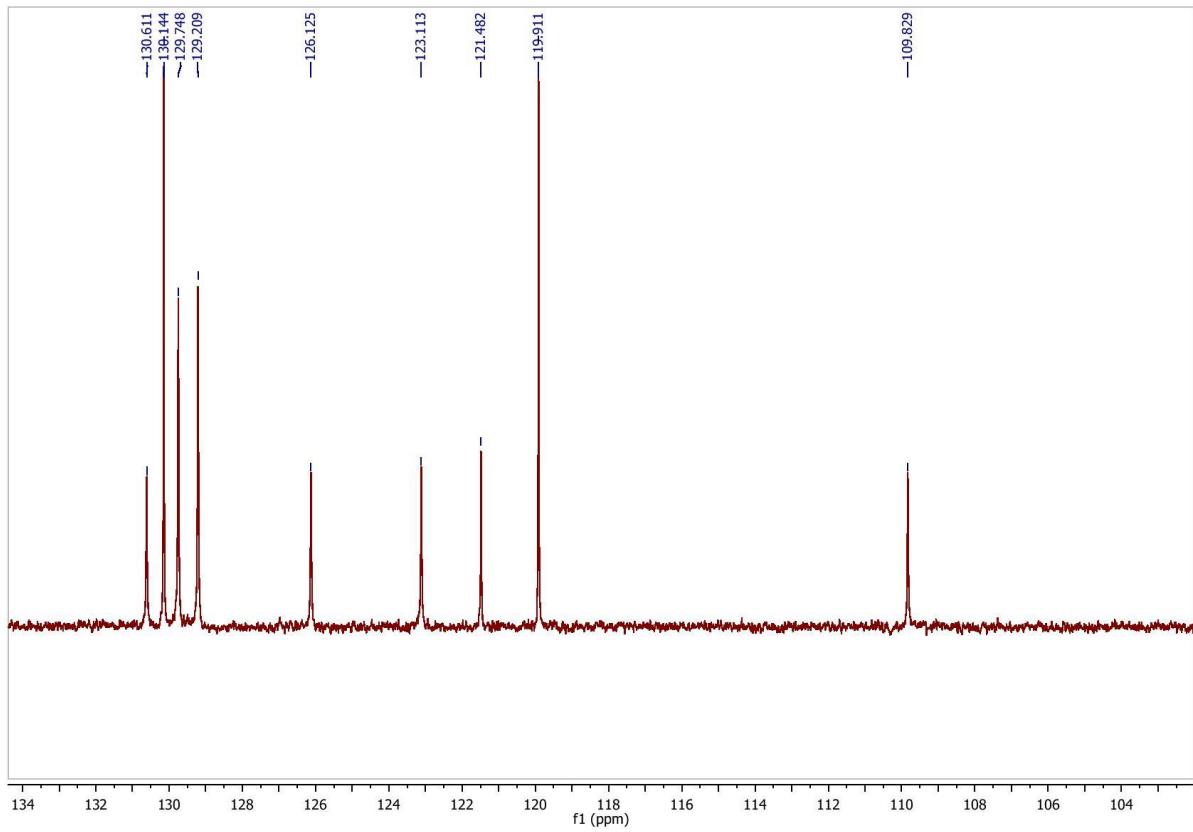
**Figure S1:**  $^1\text{H}$ -NMR of 9a



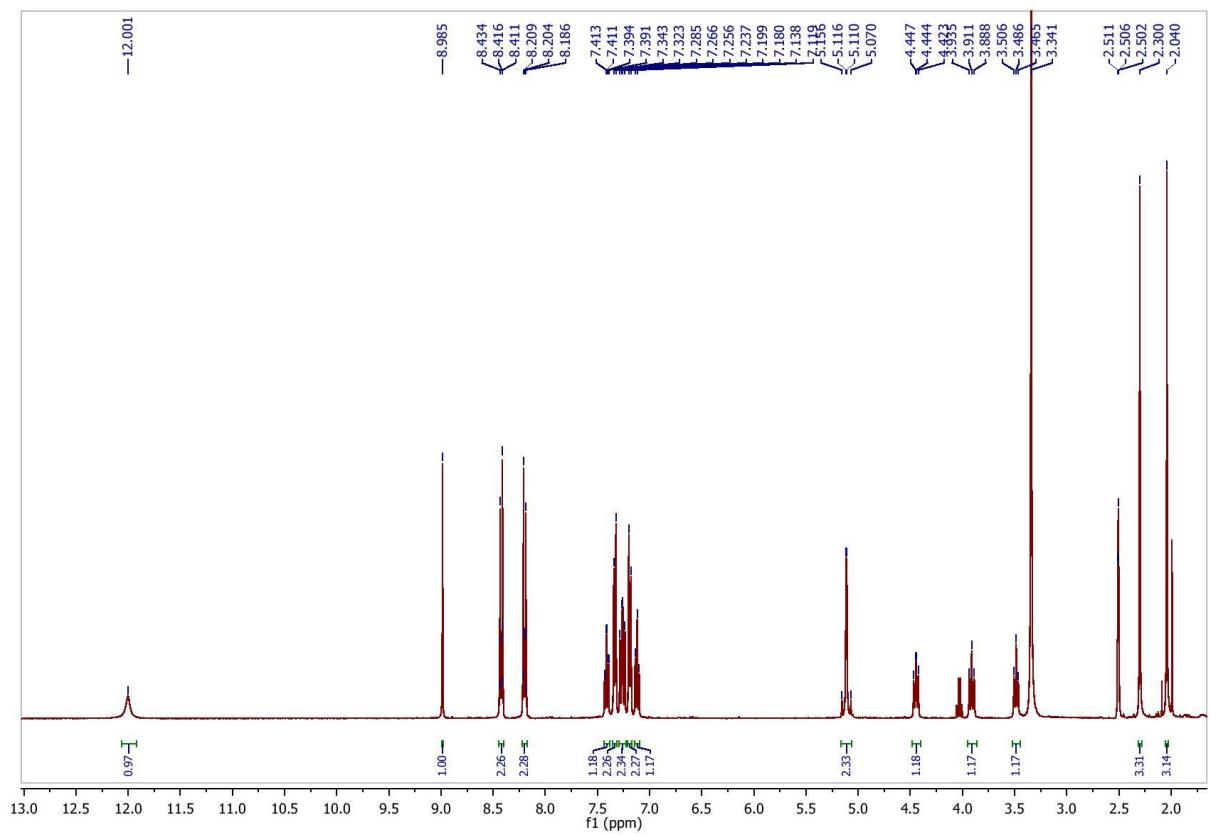
**Figure S2:** <sup>13</sup>C-NMR of 9a



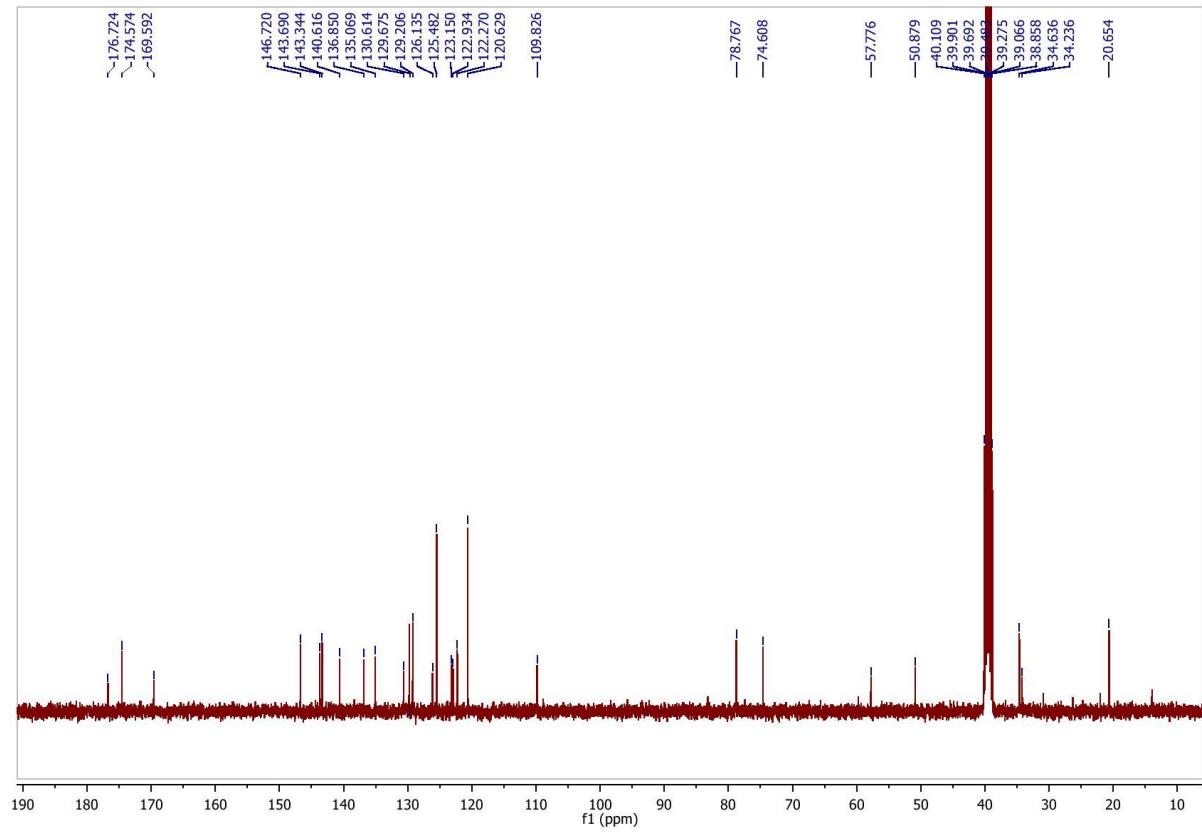
**Figure S3: DEPT-135 of 9a**



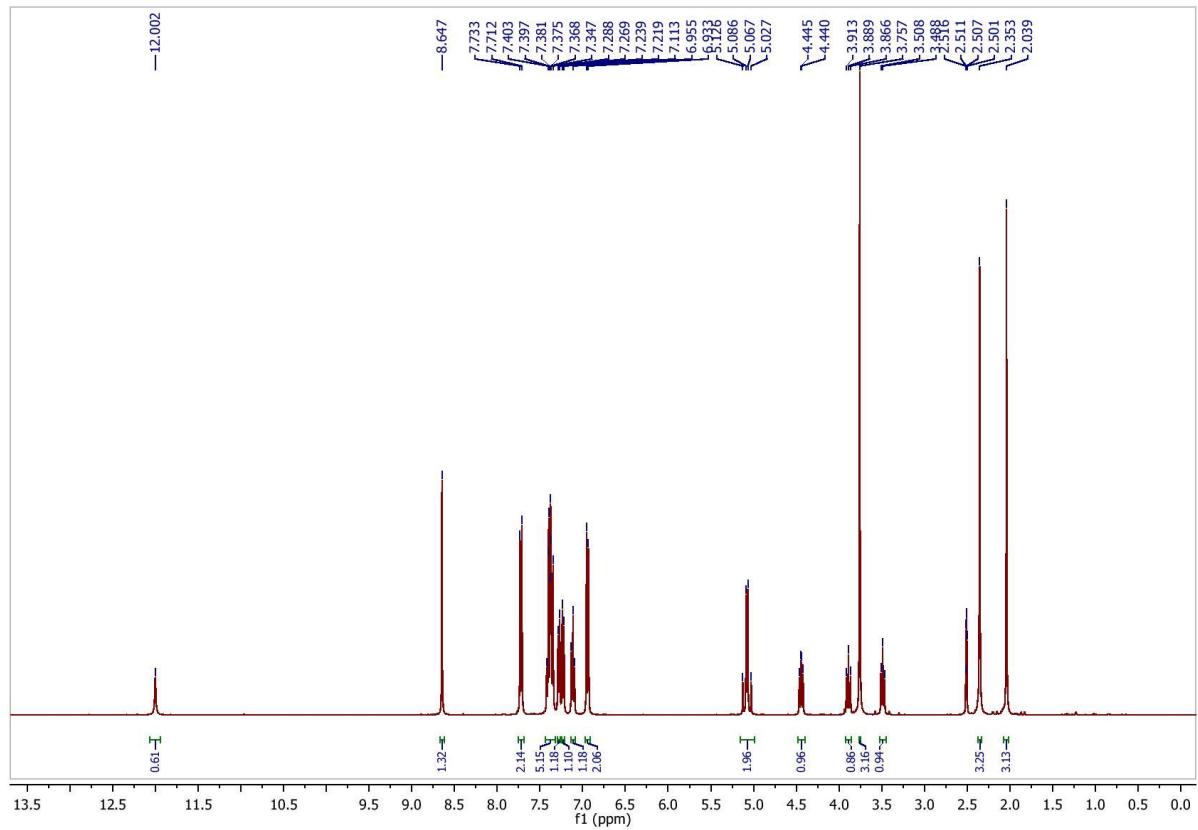
**Figure S4:** DEPT- of 9a



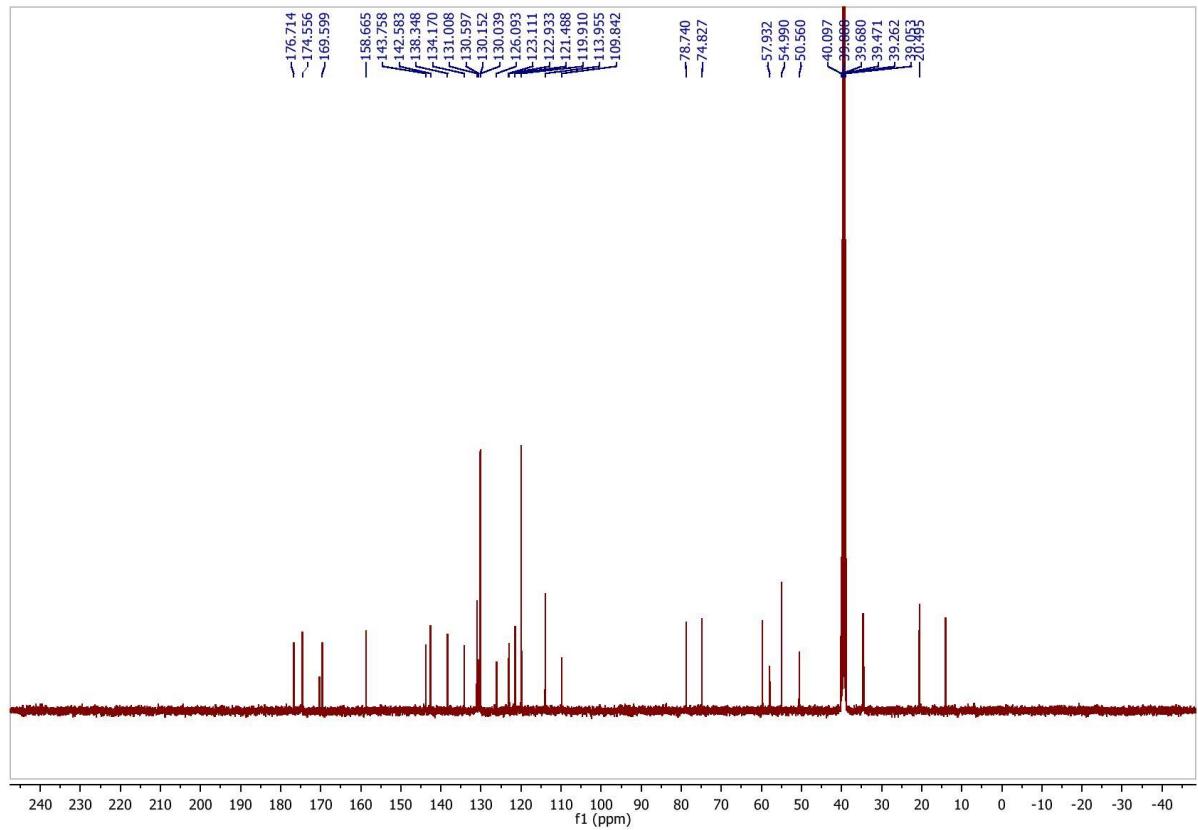
**Figure S5:**  $^1\text{H}$ -NMR of 9b



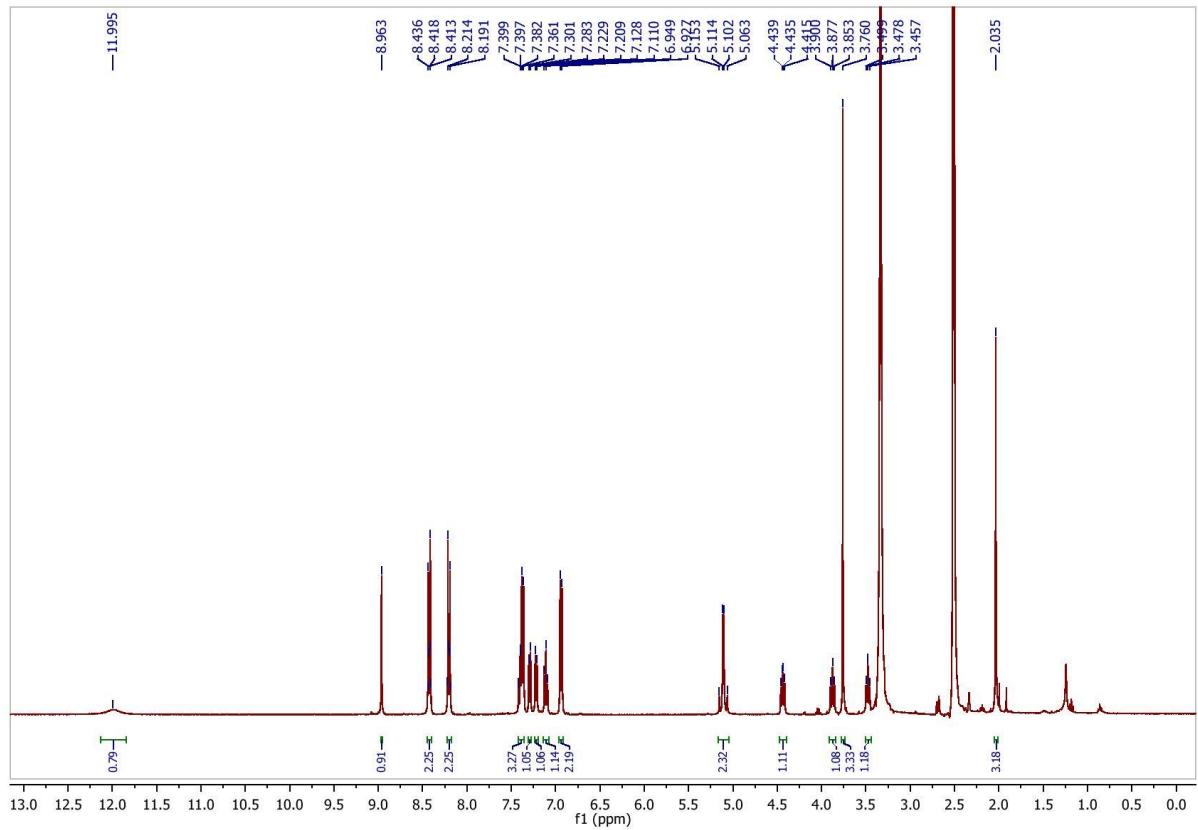
**Figure S6:** <sup>13</sup>C-NMR of 9b



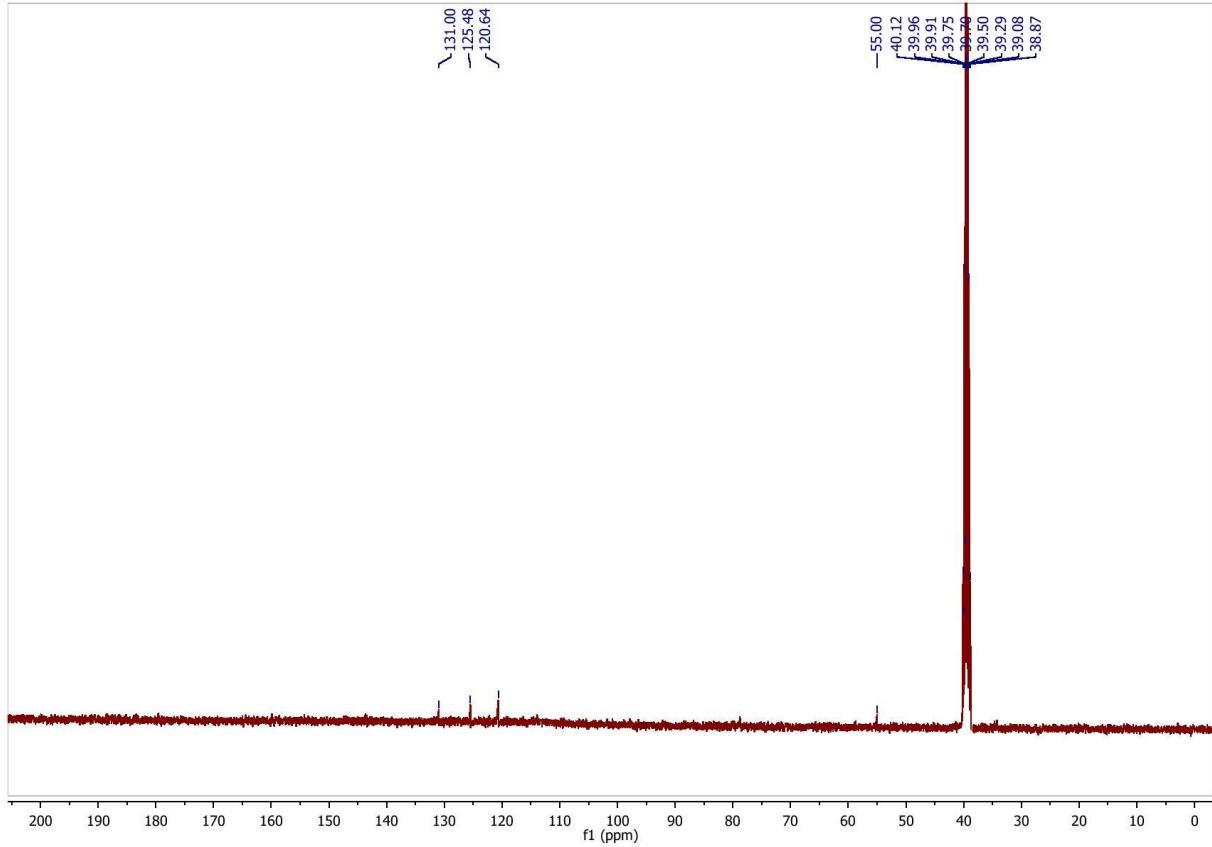
**Figure S7:**  $^1\text{H}$ -NMR of **9c**



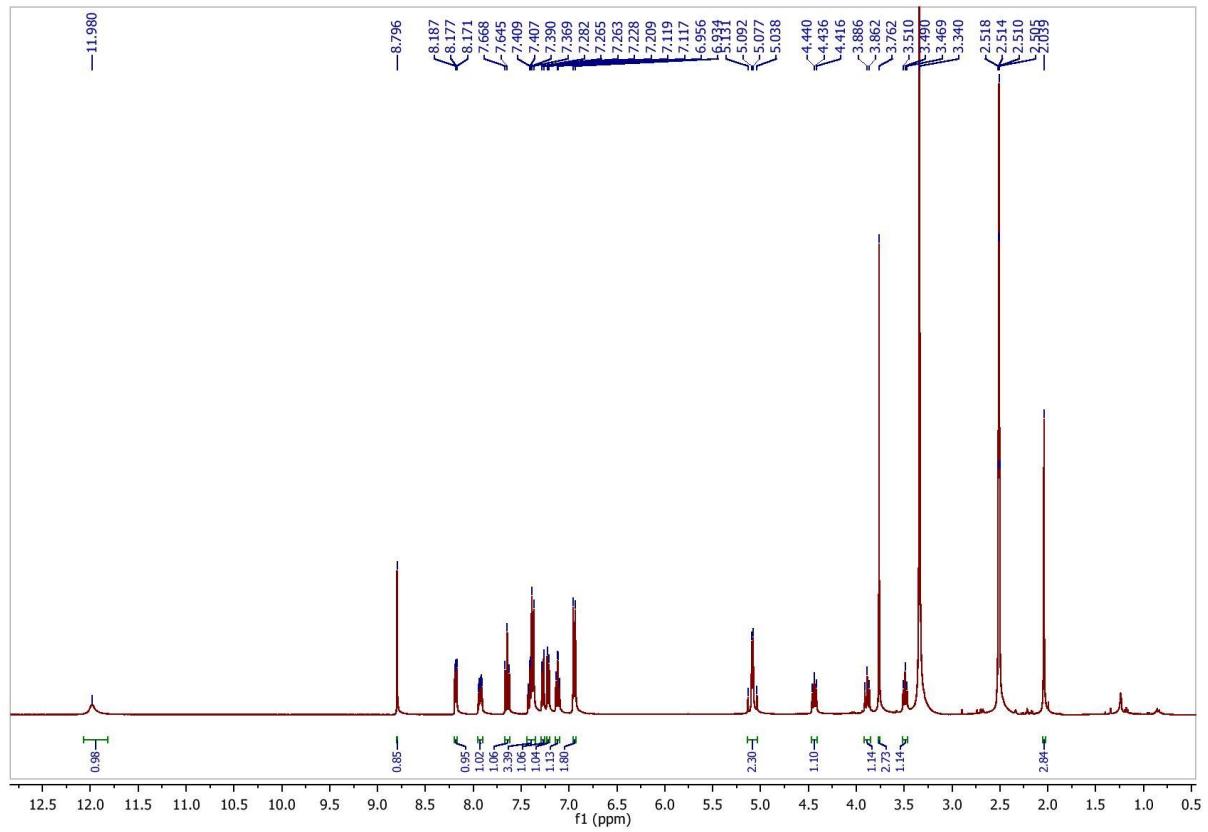
**Figure S8:** <sup>13</sup>C-NMR of 9c



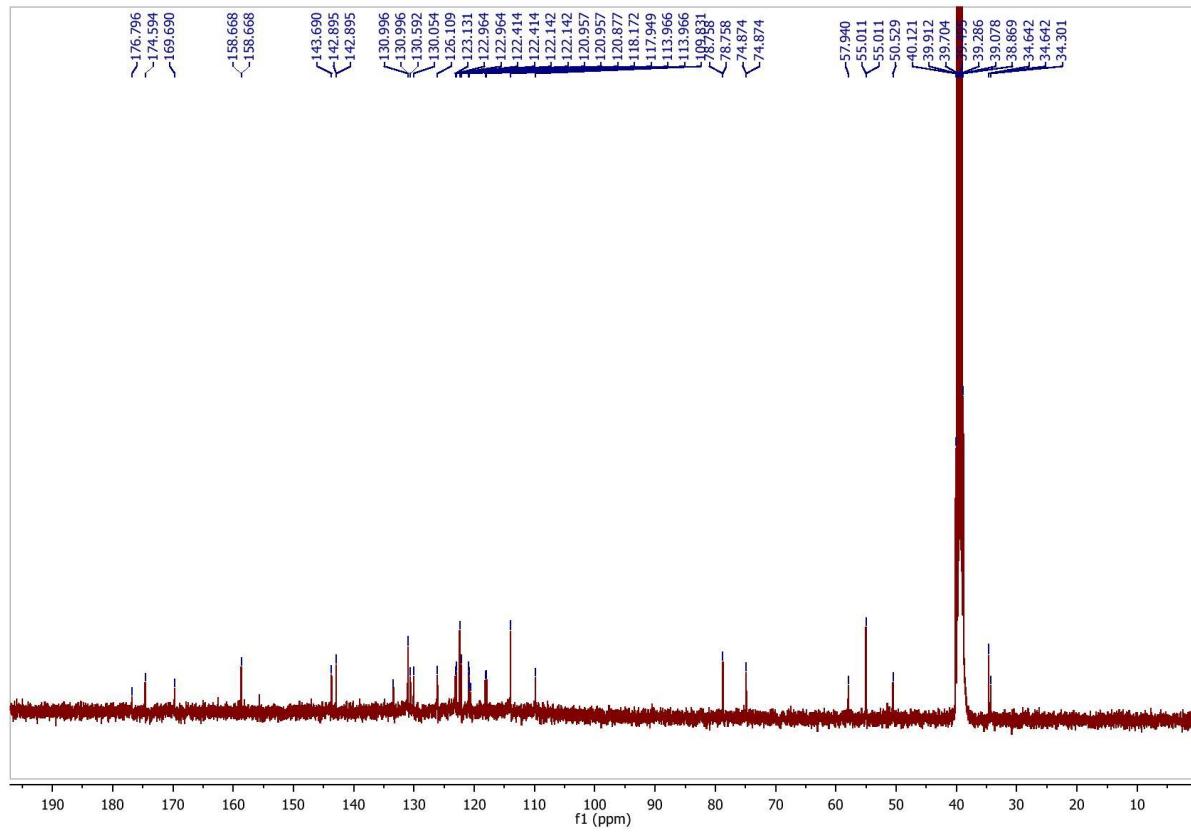
**Figure S9:**  $^1\text{H}$ -NMR of 9d



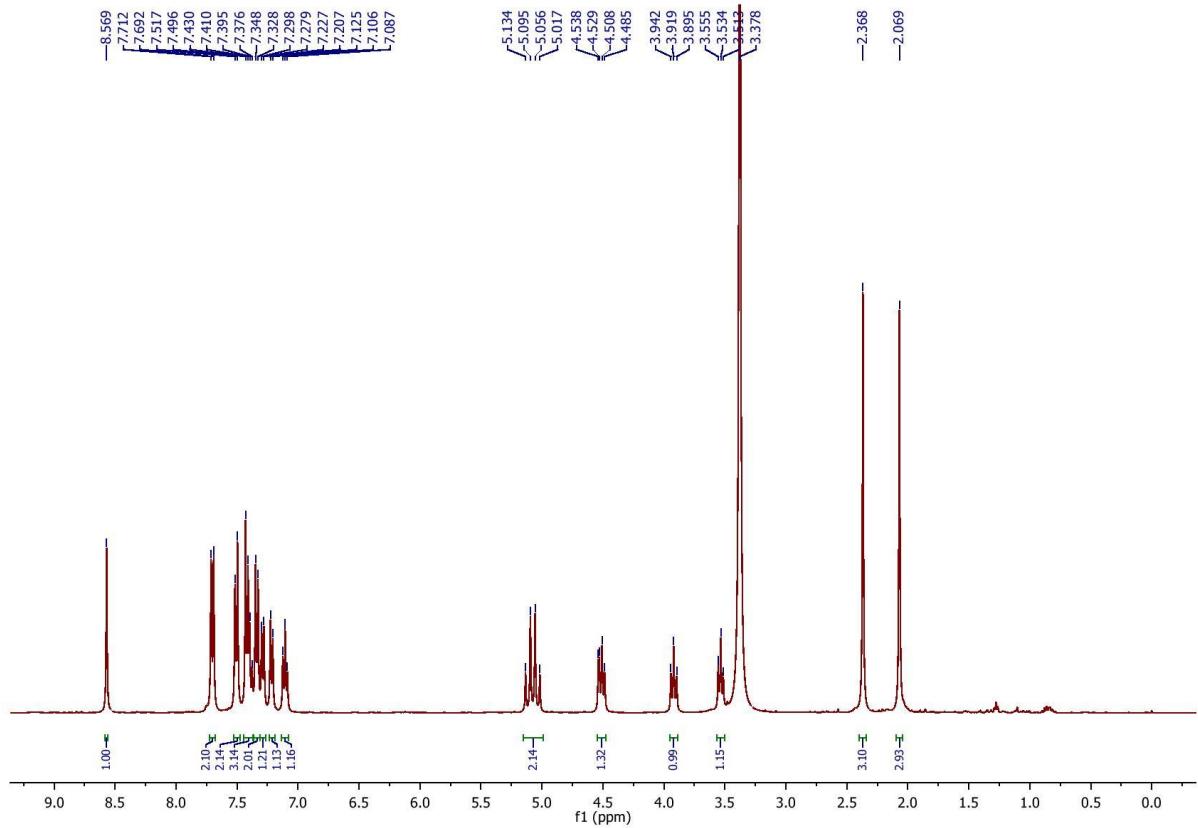
**Figure S10:**  $^{13}\text{C}$ -NMR of 9d



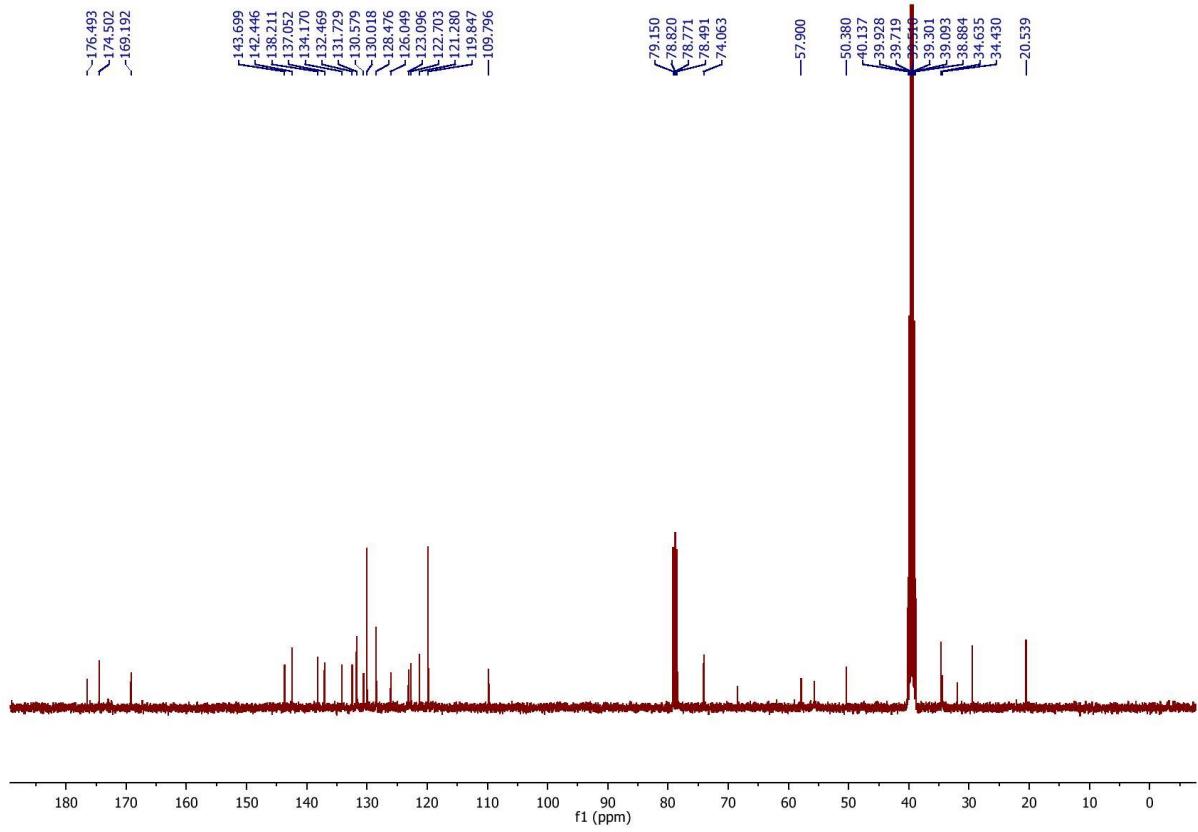
**Figure S11:**  $^1\text{H}$ -NMR of **9e**



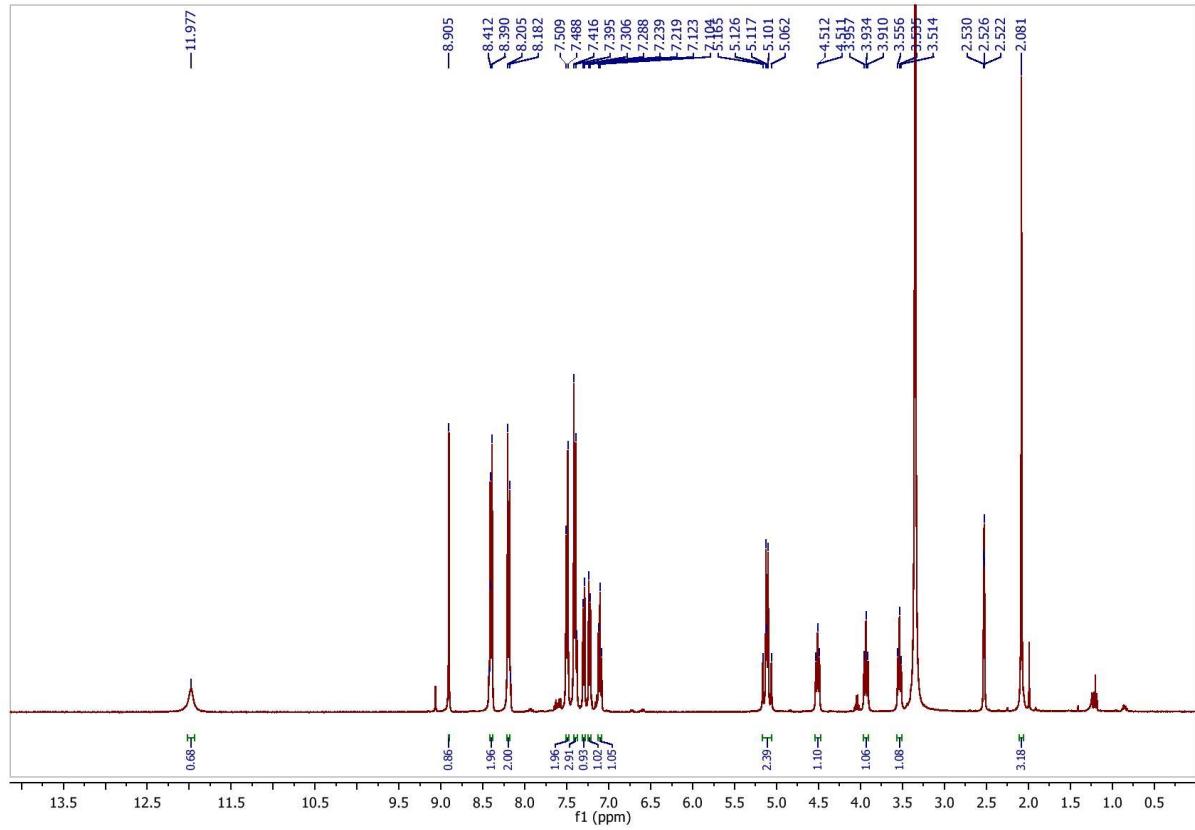
**Figure S12:** <sup>13</sup>C-NMR of 9e



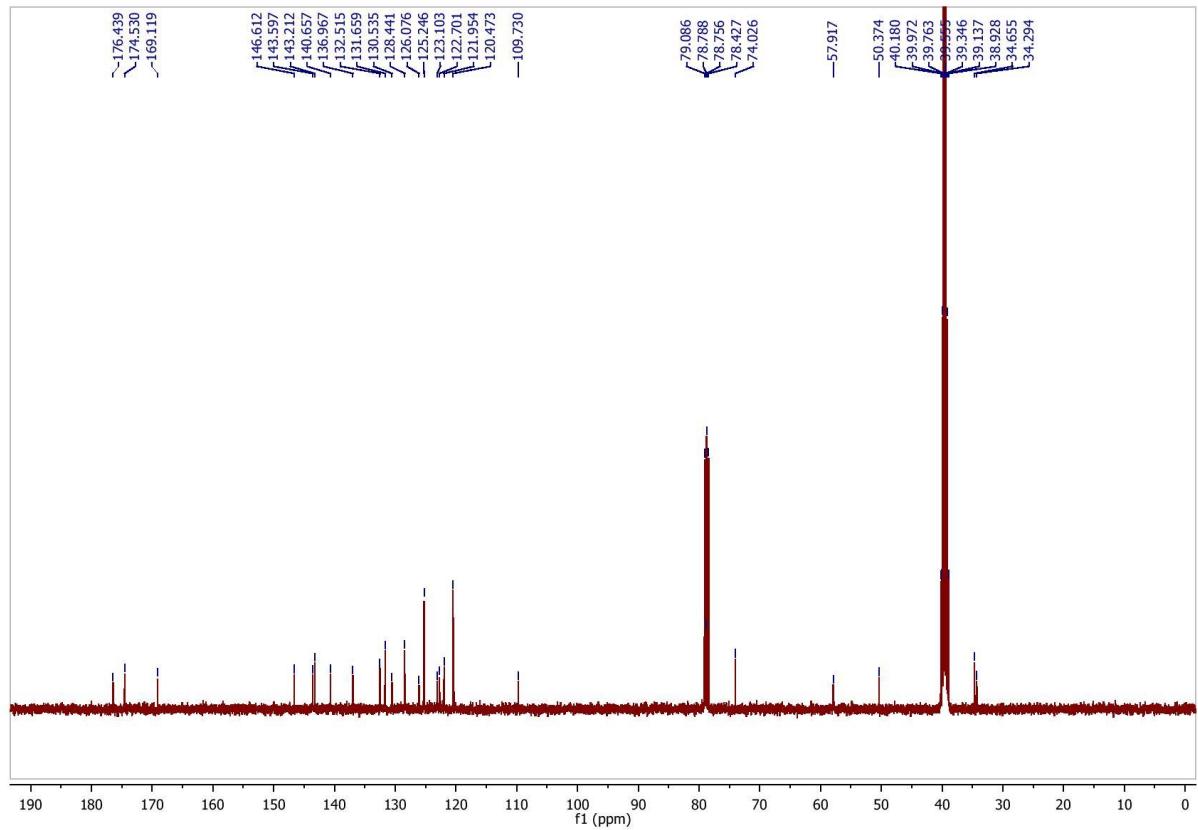
**Figure S13:**  $^1\text{H}$ -NMR of 9f



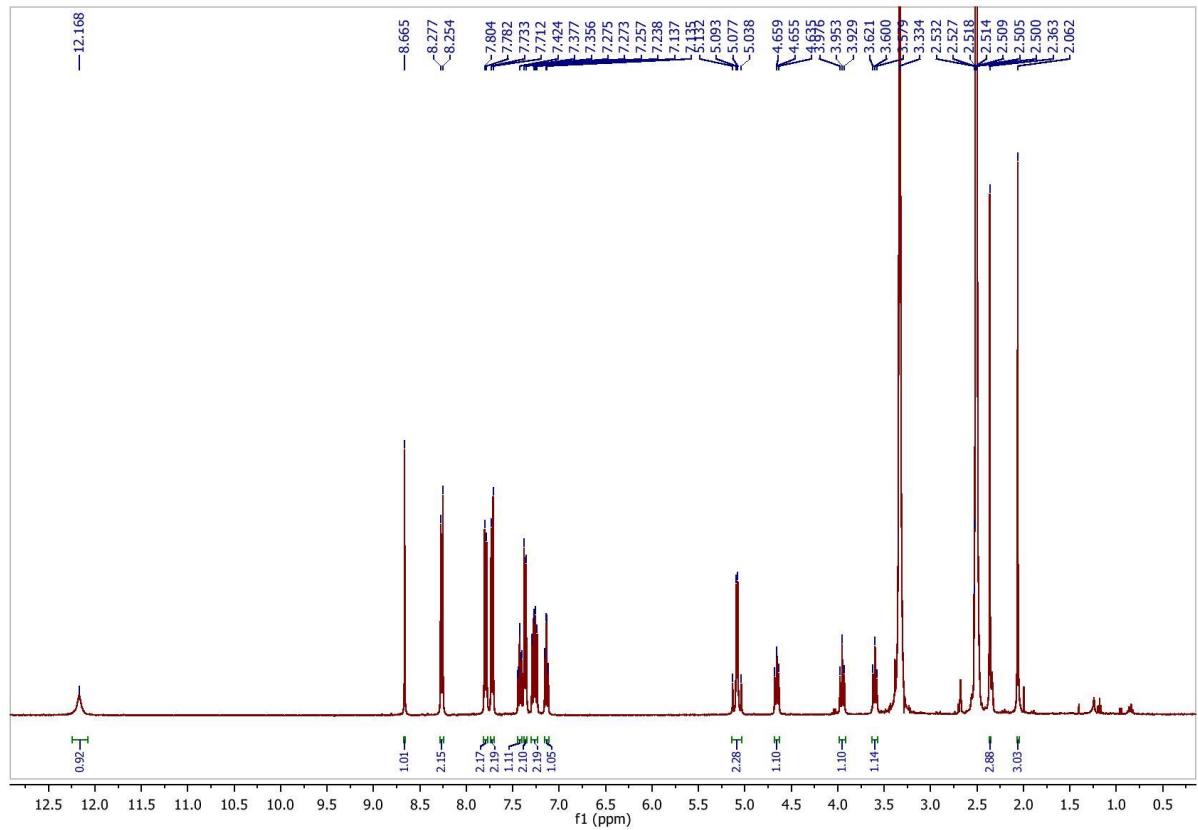
**Figure S14:** <sup>13</sup>C-NMR of 9f



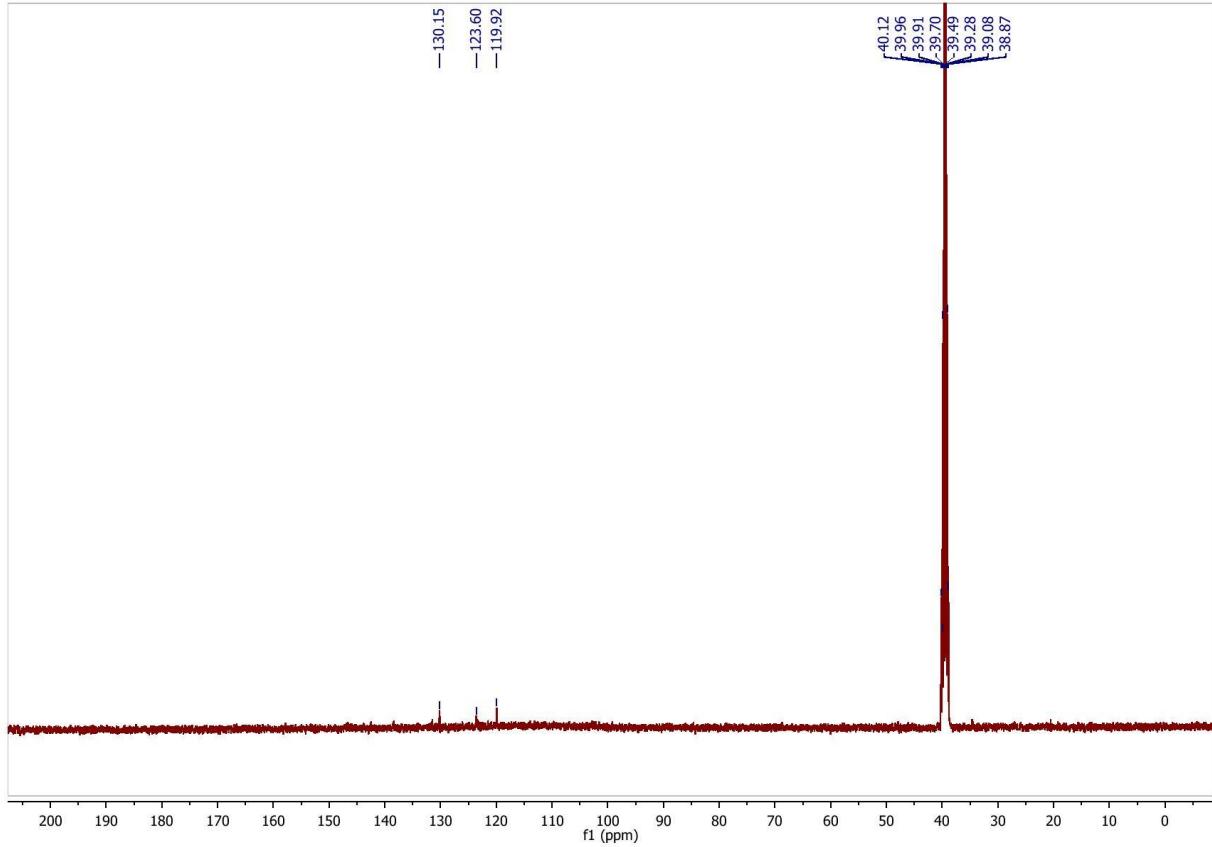
**Figure S15:**  $^1\text{H-NMR}$  of 9g



**Figure S16:** <sup>13</sup>C-NMR of 9g



**Figure S17:**  $^1\text{H}$ -NMR of **9h**



**Figure S18:**  $^{13}\text{C}$ -NMR of **9h**

WATERS, Q-TOF MICROMASS (ESI-MS)

MEENAKSHI ARY-POCu3 AzP-CH3 3 (0.171) AM (Top,10, Ar,5000.0,556.28,0.70,LS 10); Sm (Mn, 2x3.00); Sb (1,40.00 ); Crm (3)

SAIF/CIL,PANJAB UNIVERSITY,CHANDIGARH

1: TOF MS ES+  
2.33e4

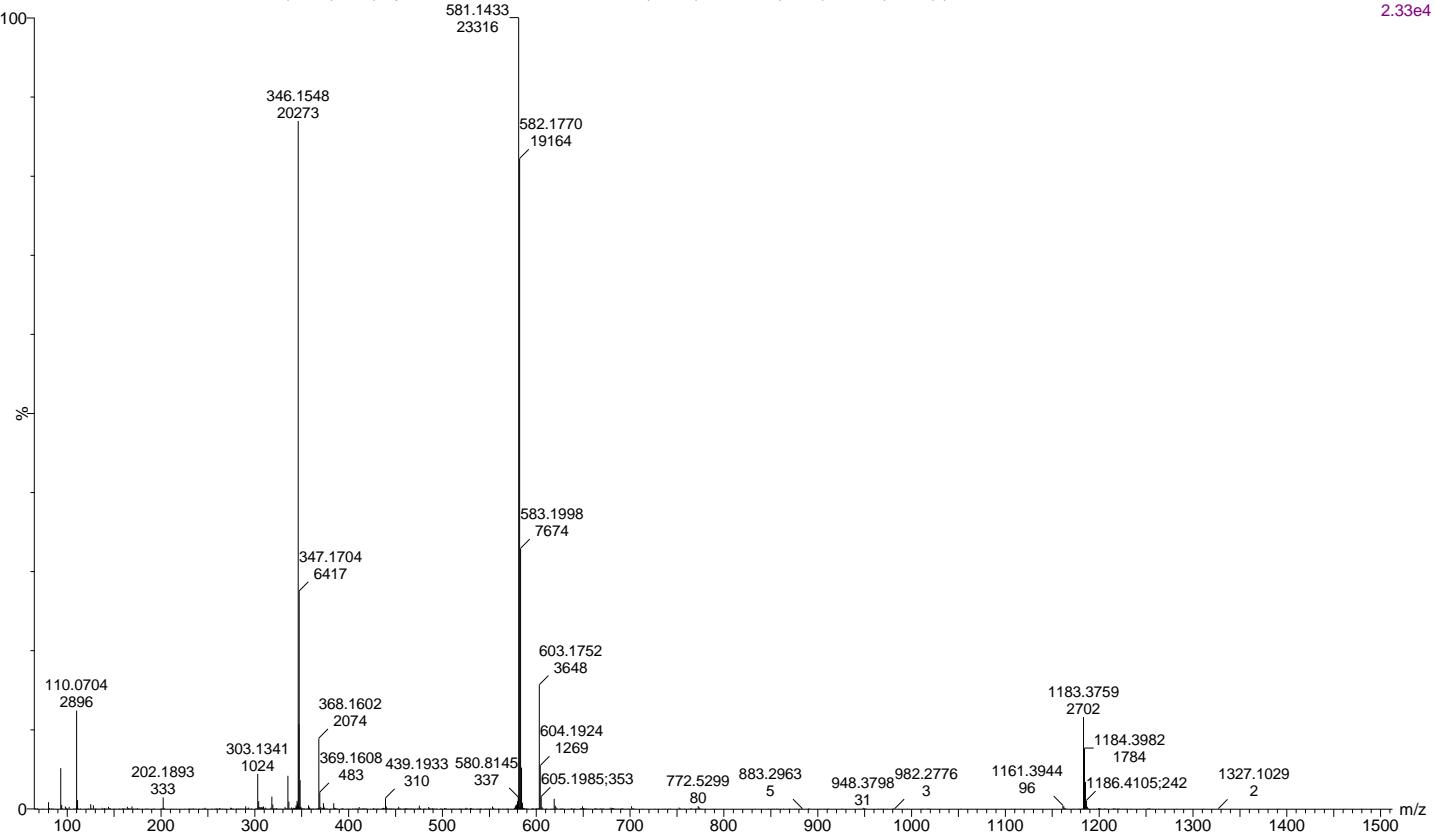


Figure S19: HRMS of 9a.