

## Supporting Information

### An expeditious and highly efficient synthesis of substituted pyrroles using a low melting deep eutectic mixture

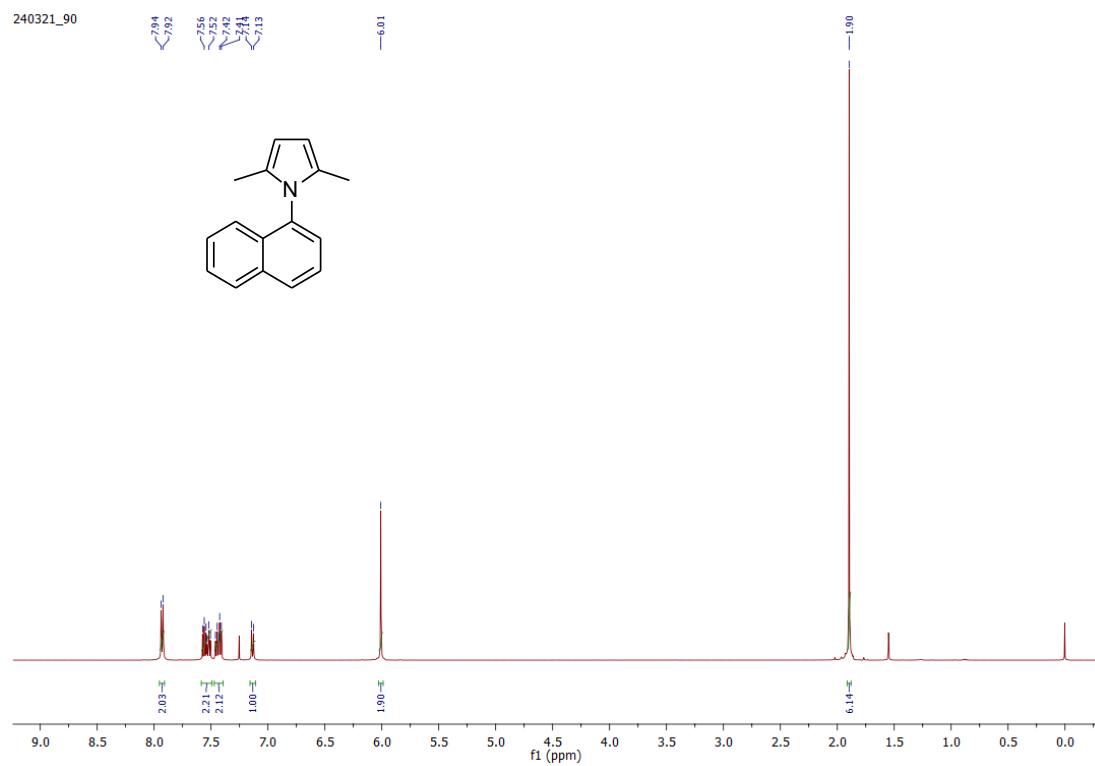
Shakeel Alvi<sup>a</sup> and Rashid Ali<sup>a\*</sup>

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Phone: +91-7011867613; E-mail: [rali1@jmi.ac.in](mailto:rali1@jmi.ac.in)

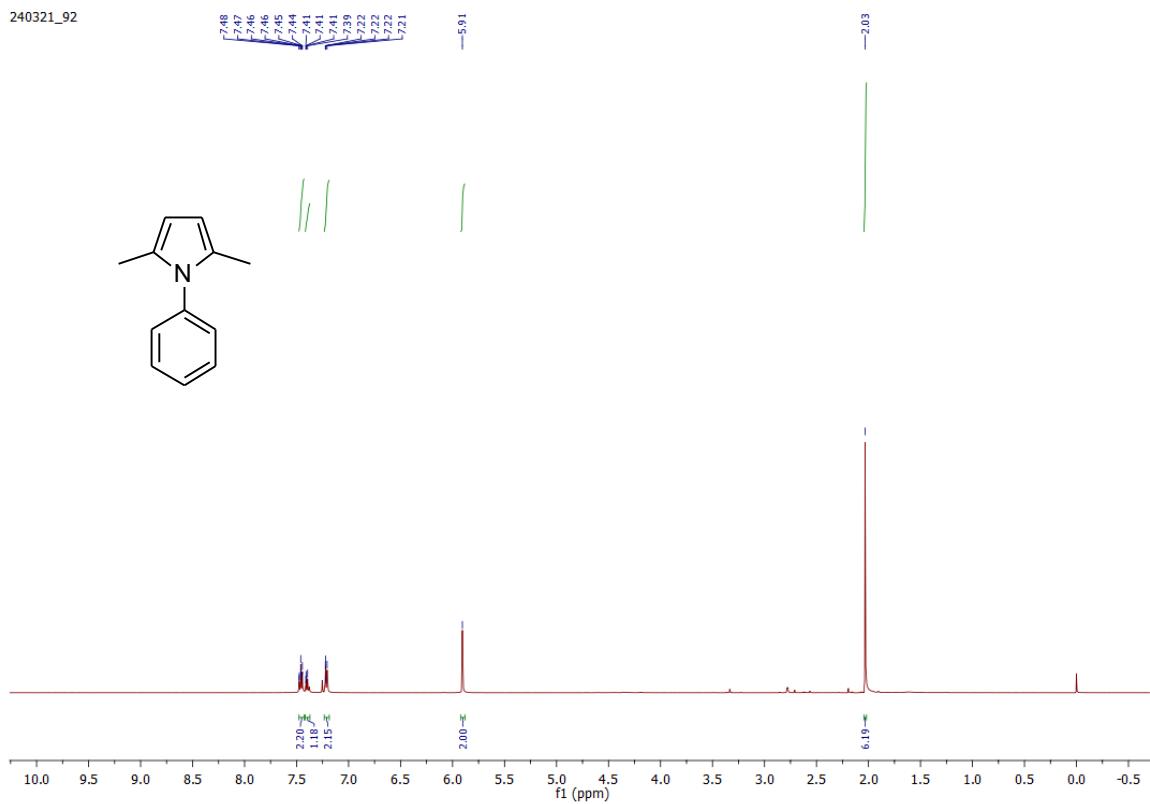
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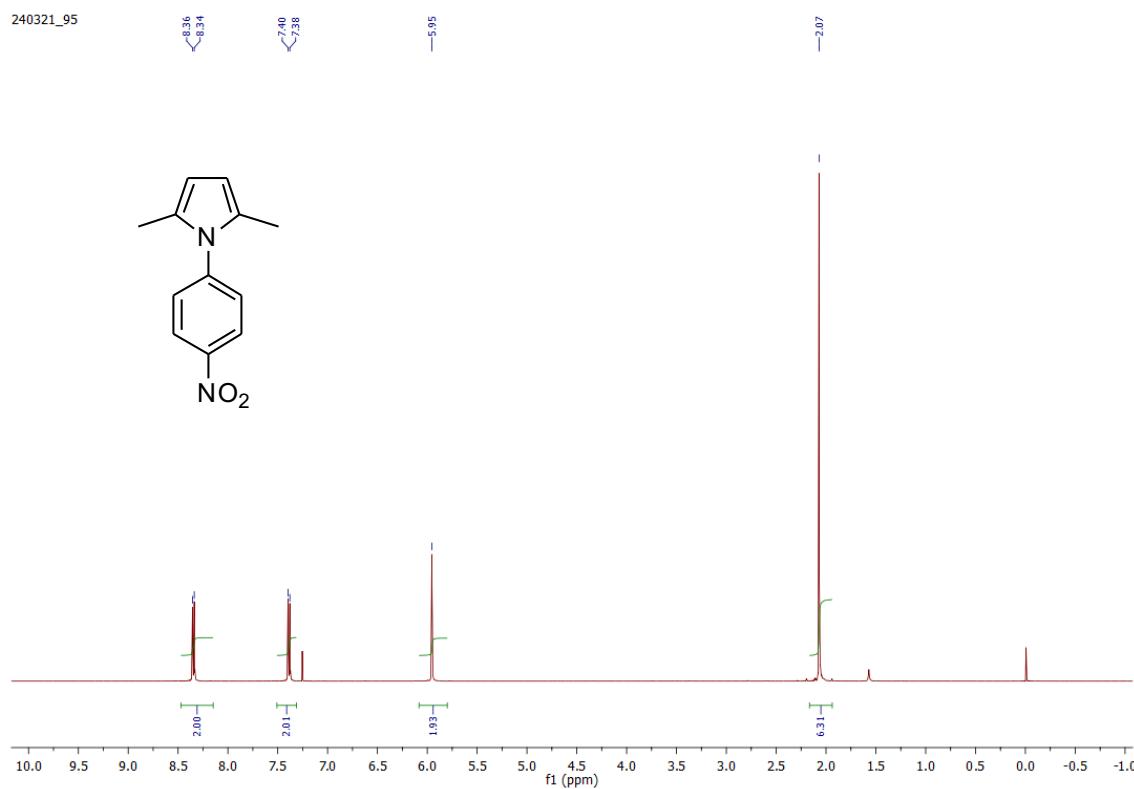
**<sup>1</sup>H-NMR spectrum of compound 10**



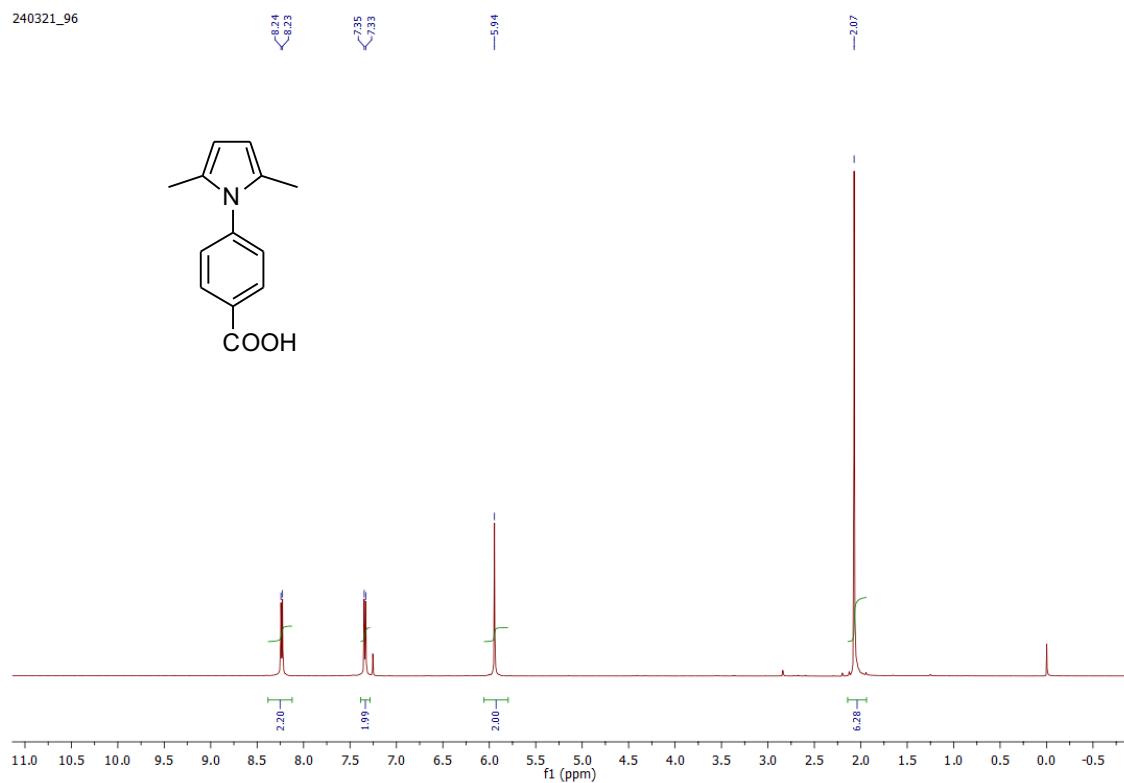
**<sup>1</sup>H-NMR spectrum of compound 12a**



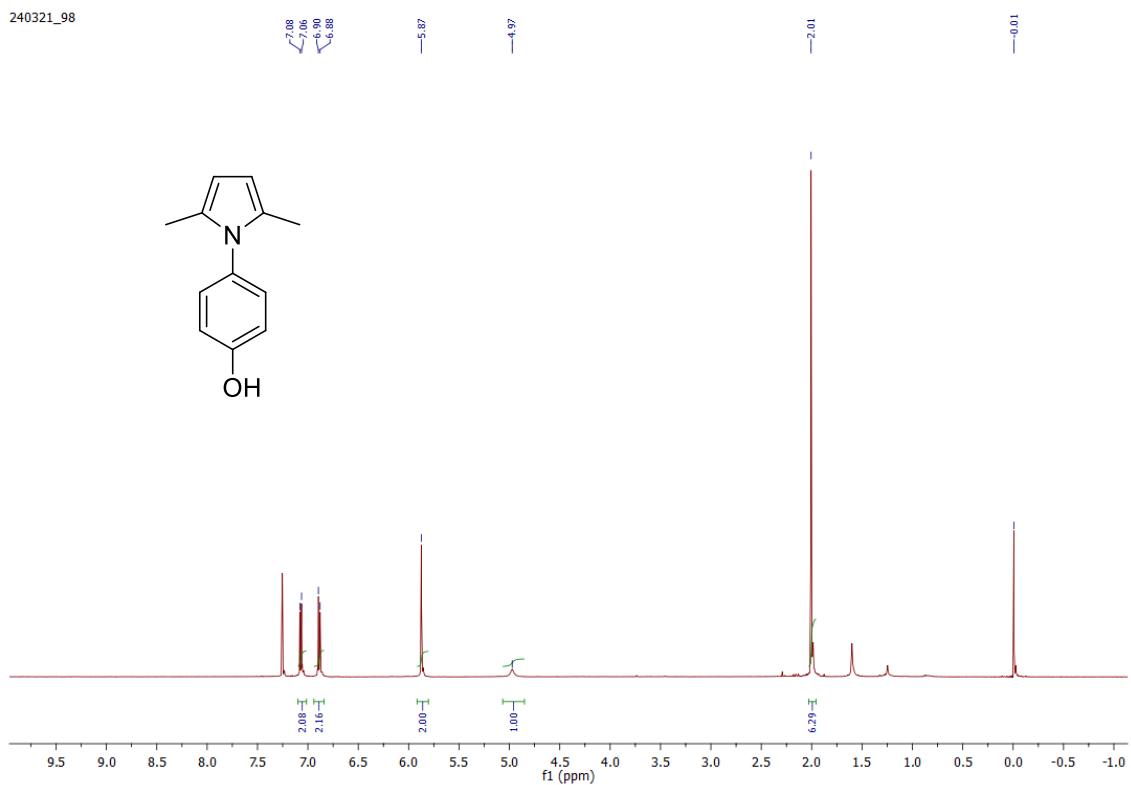
**<sup>1</sup>H-NMR spectrum of compound 12b**



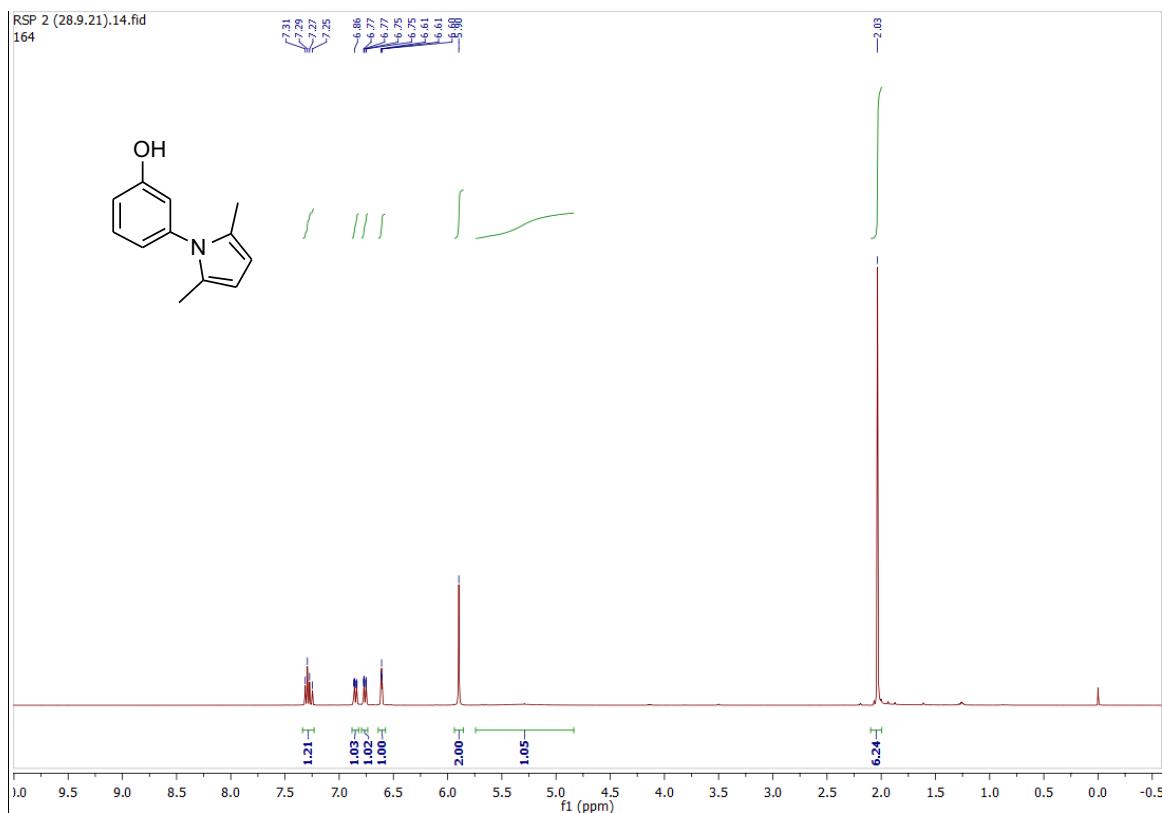
**<sup>1</sup>H-NMR spectrum of compound 12c**



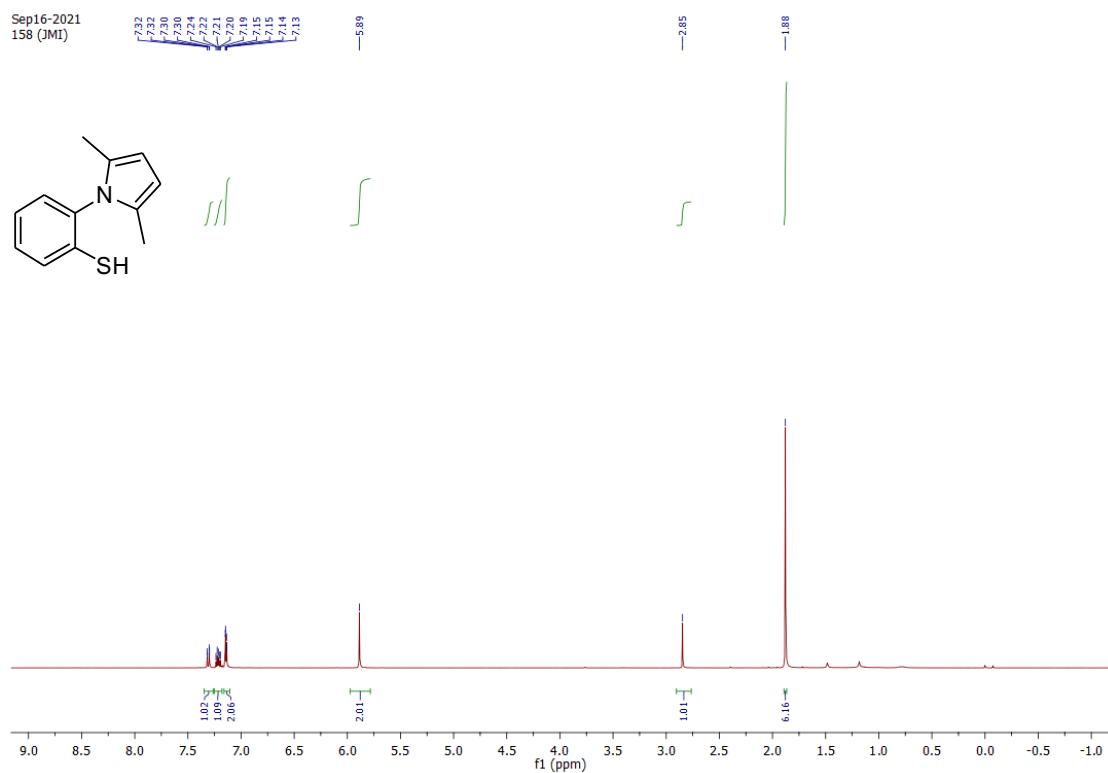
**<sup>1</sup>H-NMR spectrum of compound 12d**



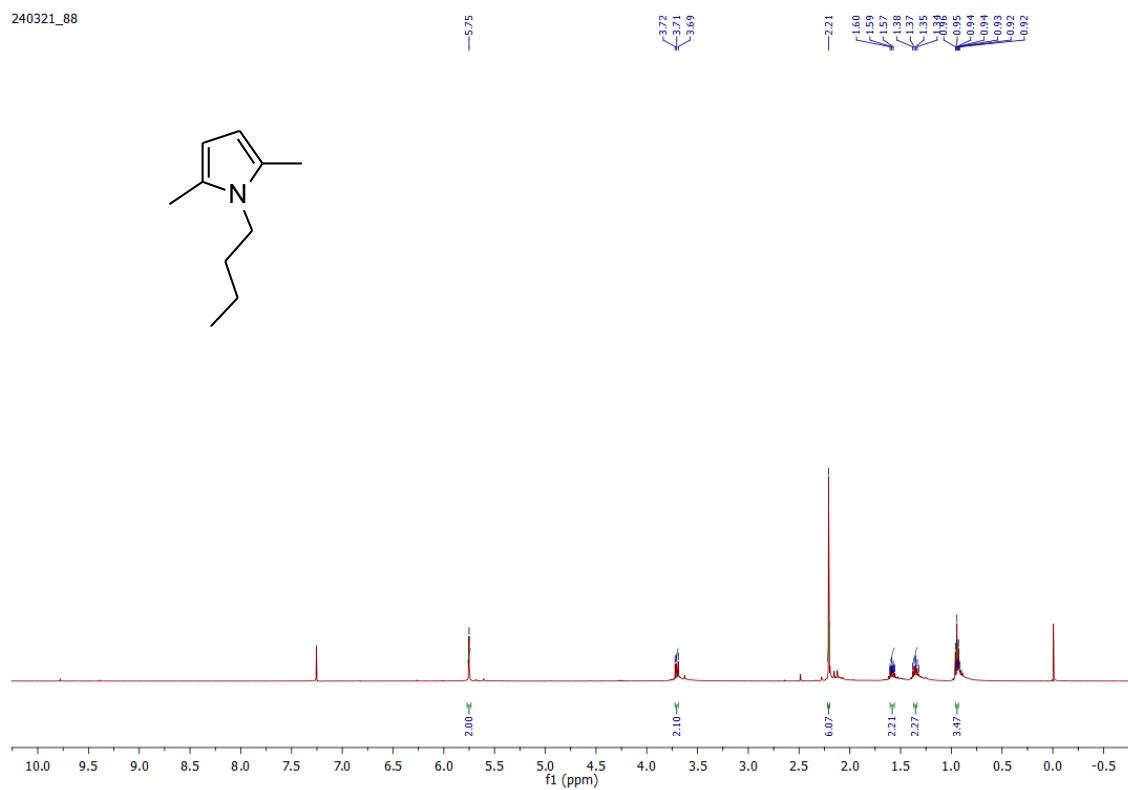
**<sup>1</sup>H-NMR spectrum of compound 12e**



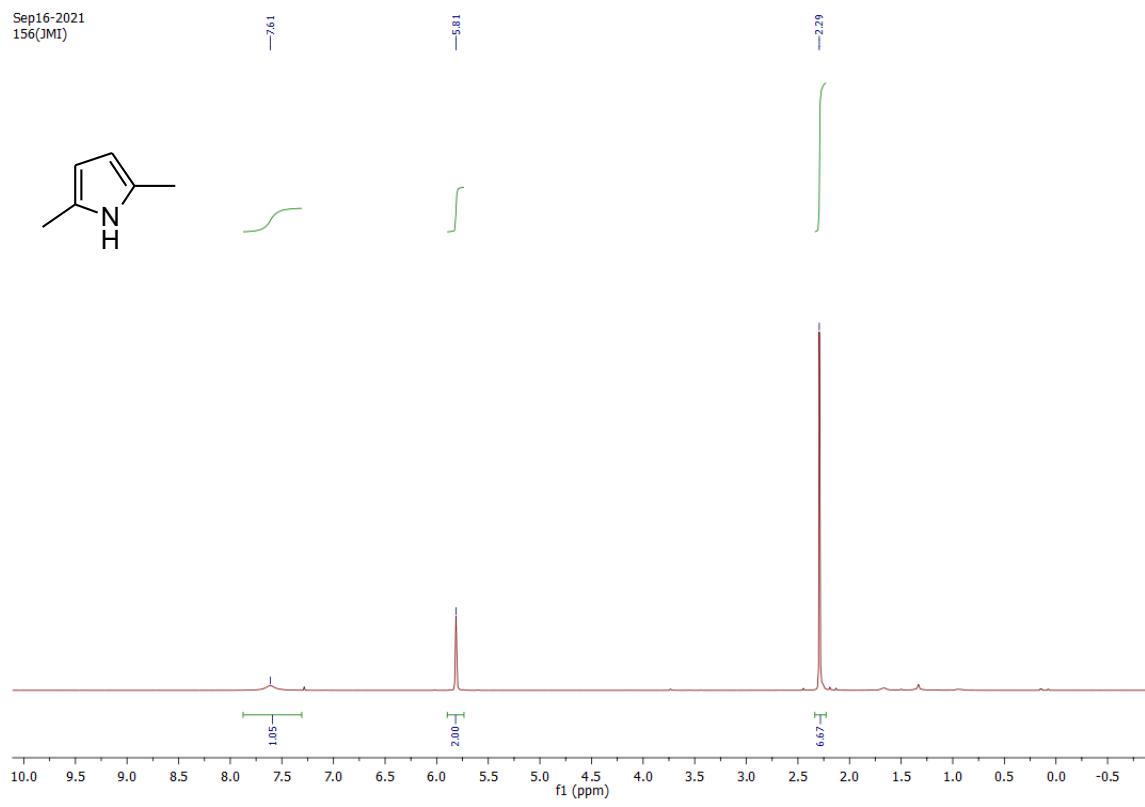
**<sup>1</sup>H-NMR spectrum of compound 12f**



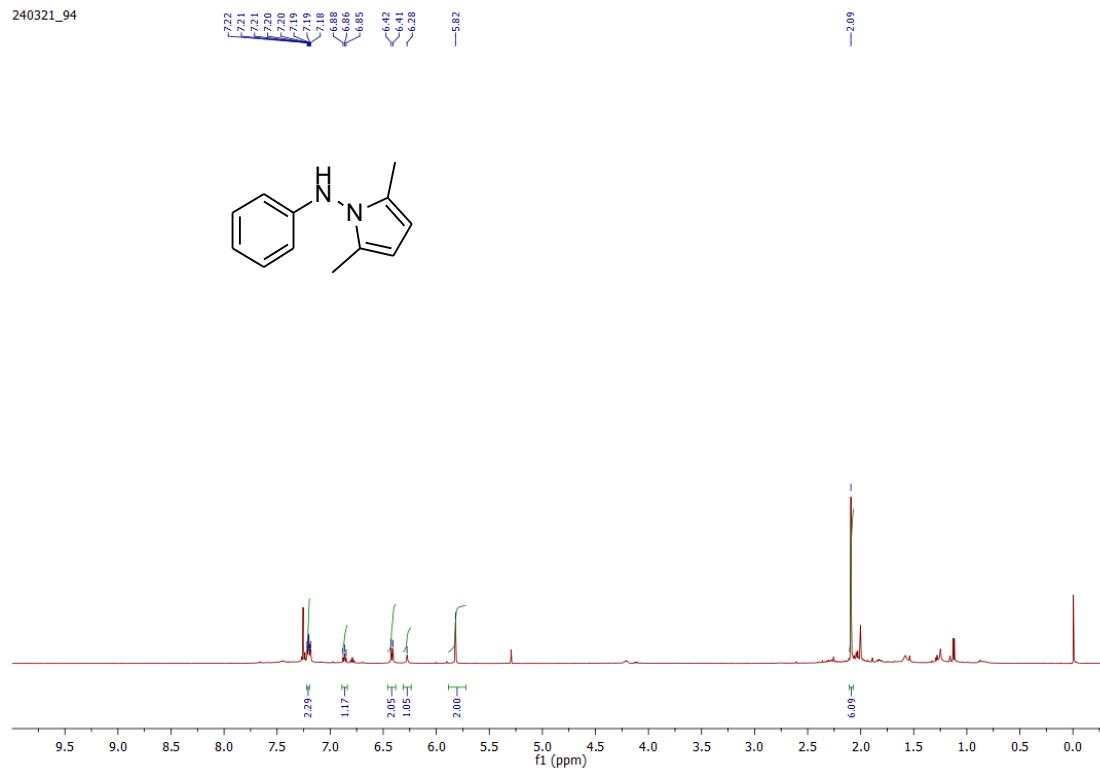
**<sup>1</sup>H-NMR spectrum of compound 12g**



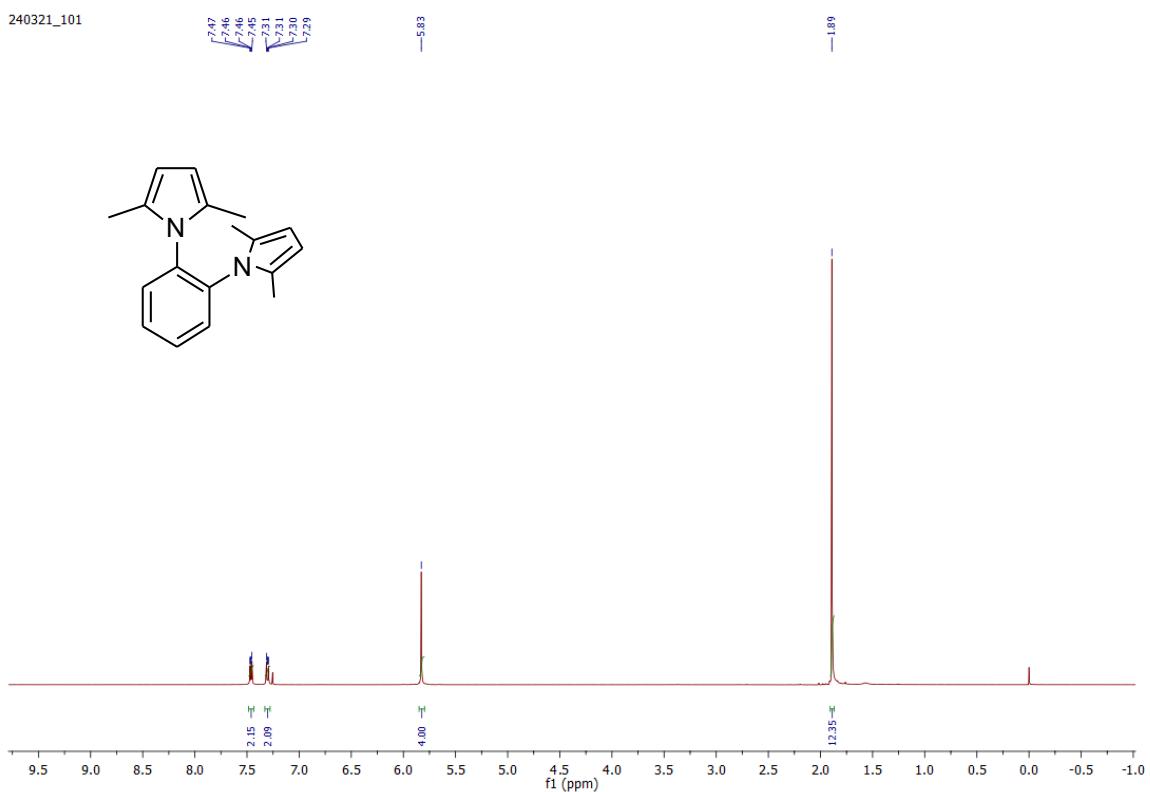
**<sup>1</sup>H-NMR spectrum of compound 12h**



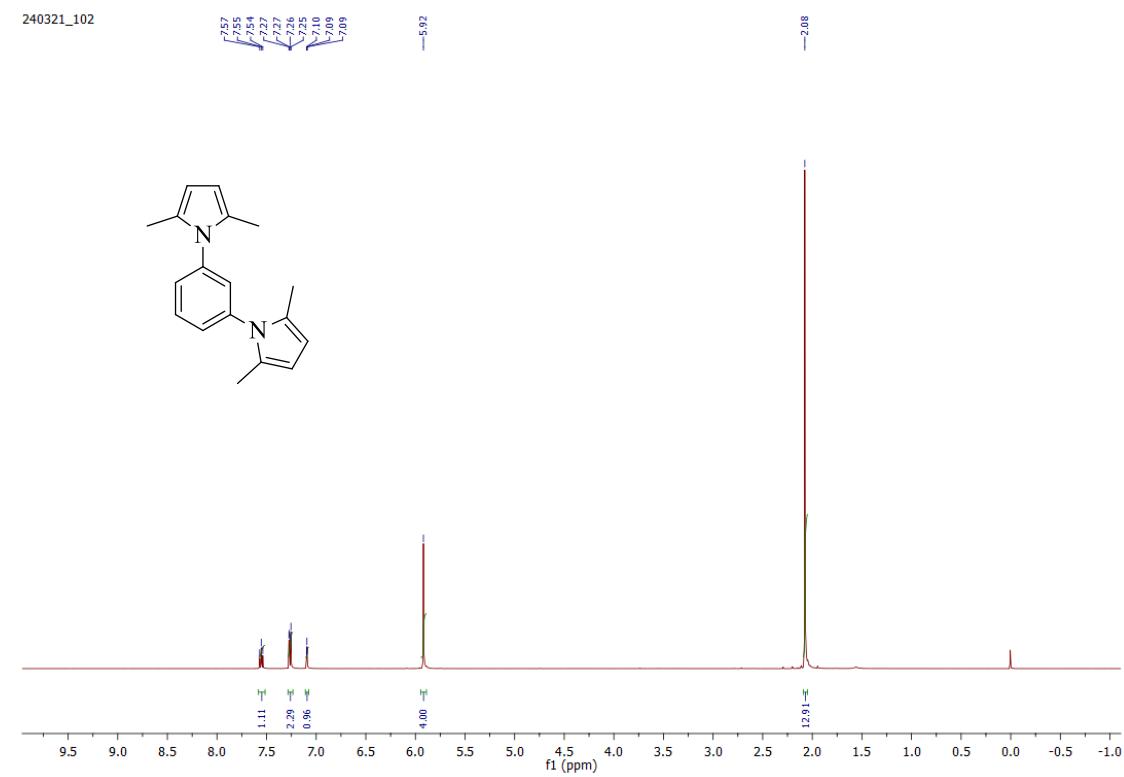
**<sup>1</sup>H-NMR spectrum of compound 12i**



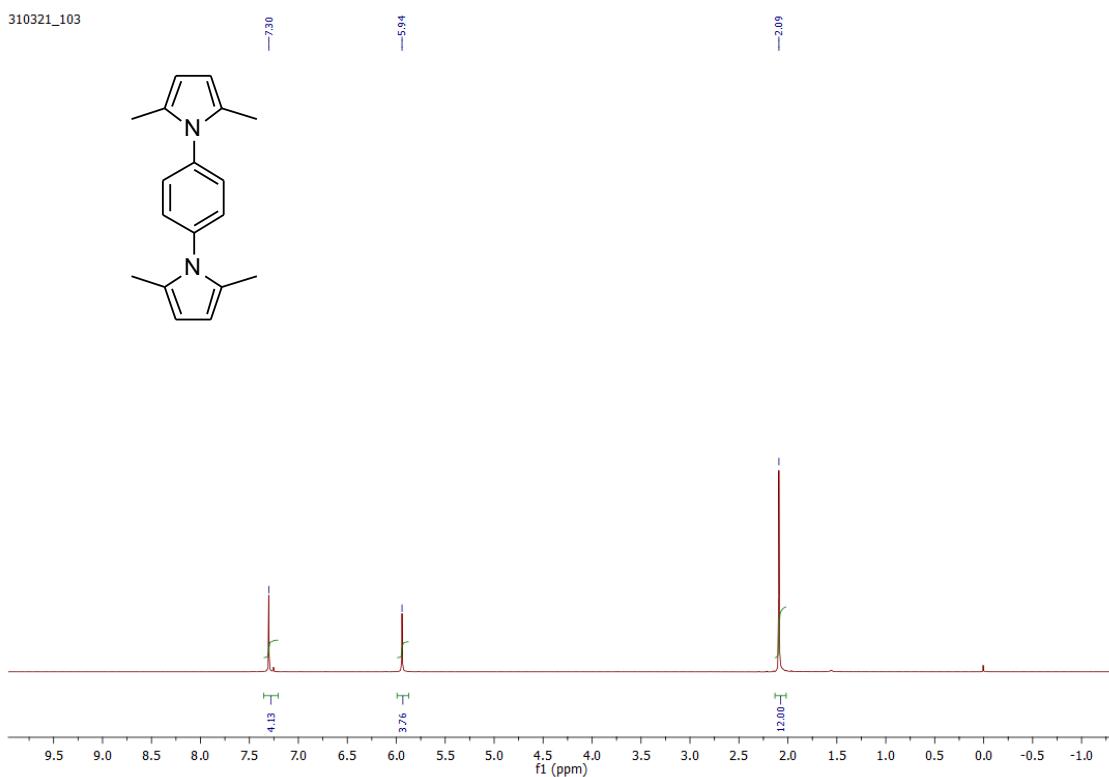
**<sup>1</sup>H-NMR spectrum of compound 14a**



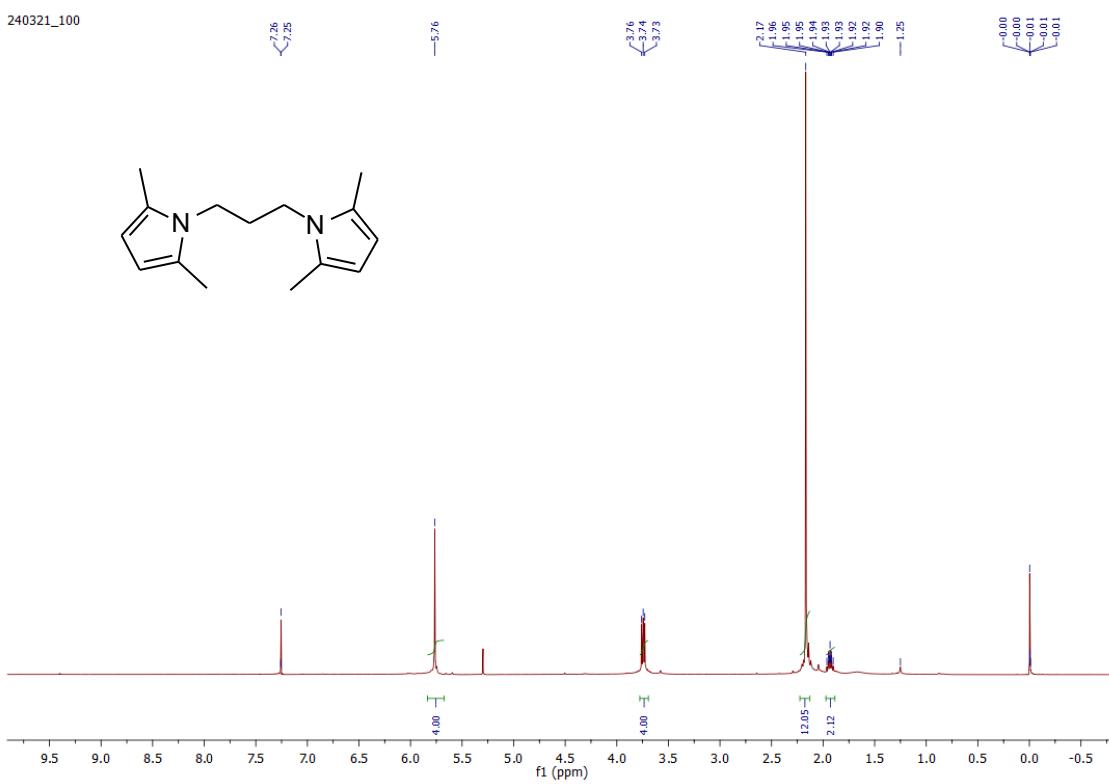
**<sup>1</sup>H-NMR spectrum of compound 14b**



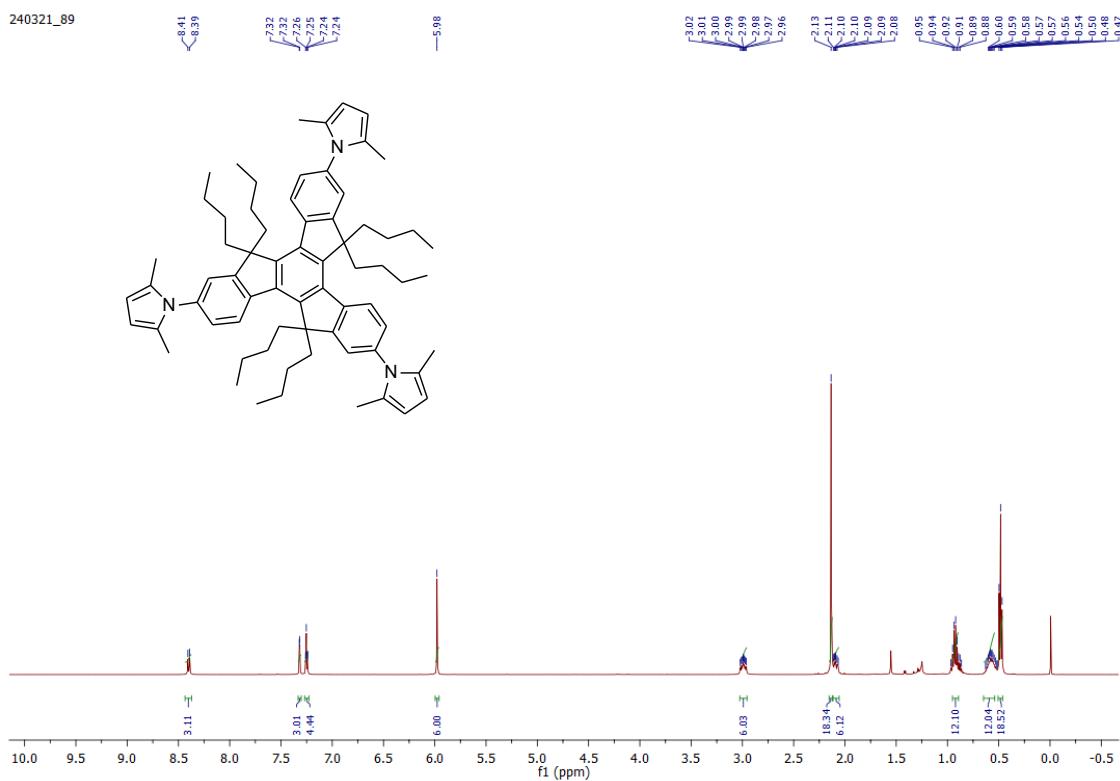
**<sup>1</sup>H-NMR spectrum of compound 14c**



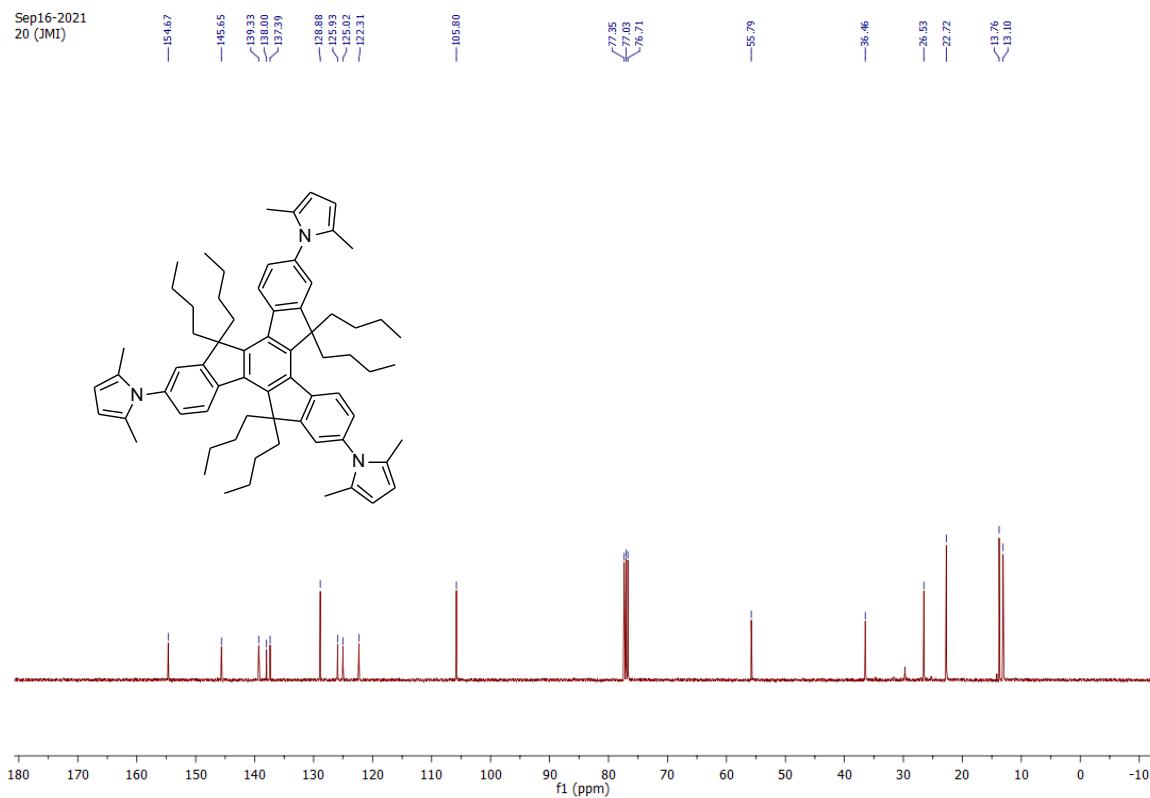
**<sup>1</sup>H-NMR spectrum of compound 14d**



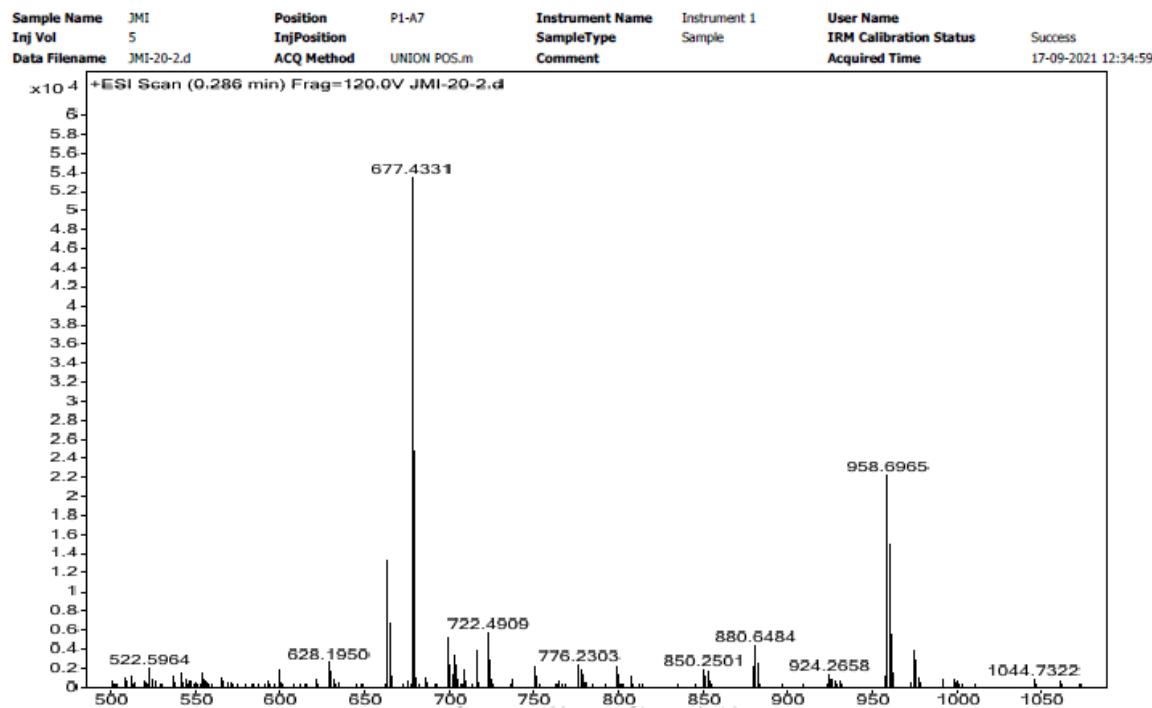
### **<sup>1</sup>H-NMR spectrum of compound 20**



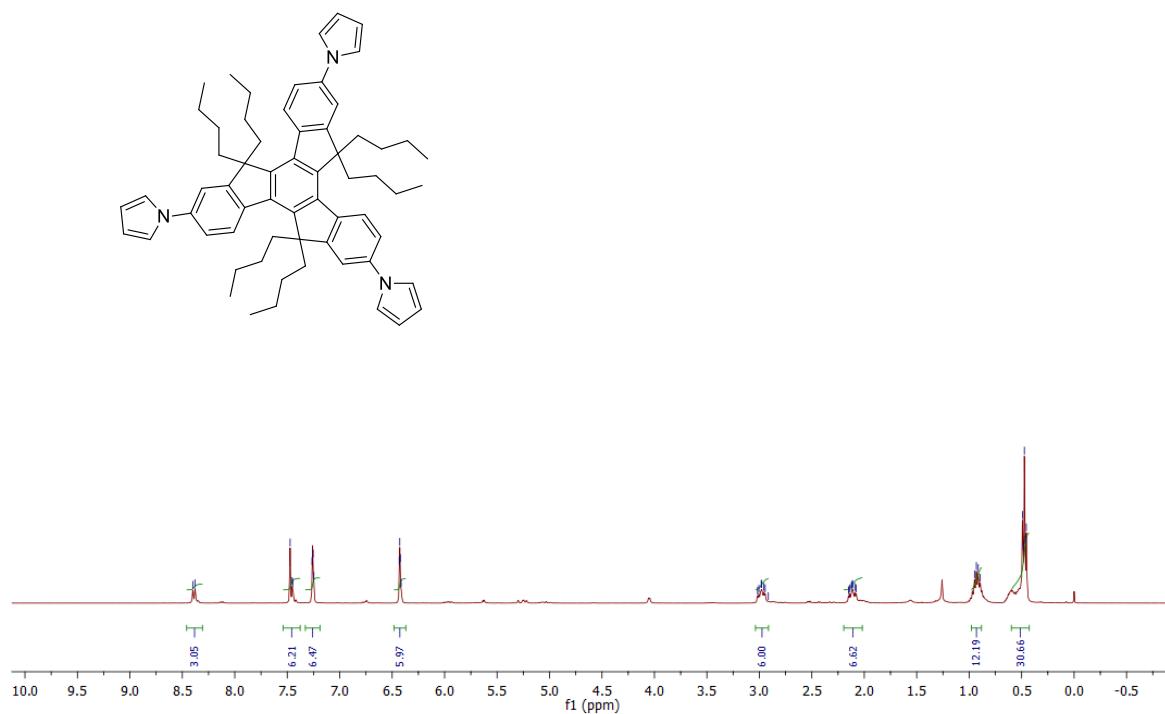
### **<sup>13</sup>C-NMR spectrum of compound 20**



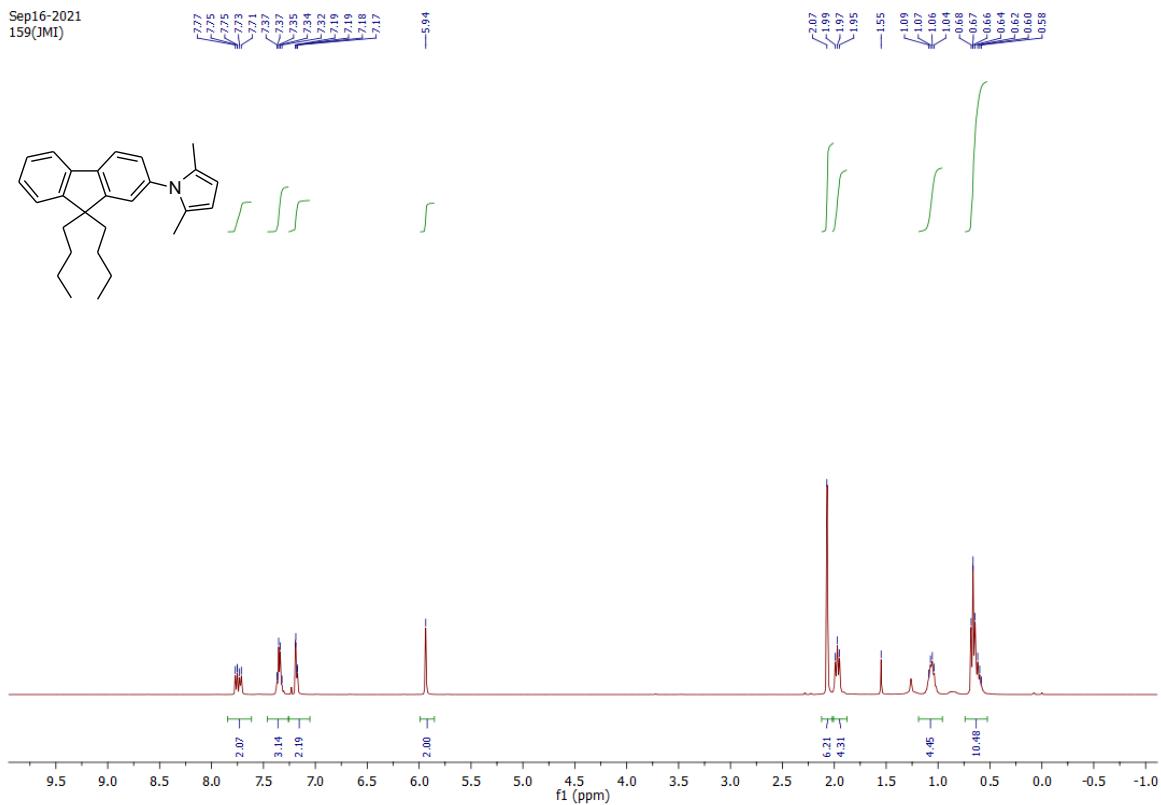
## HRMS of compound 20



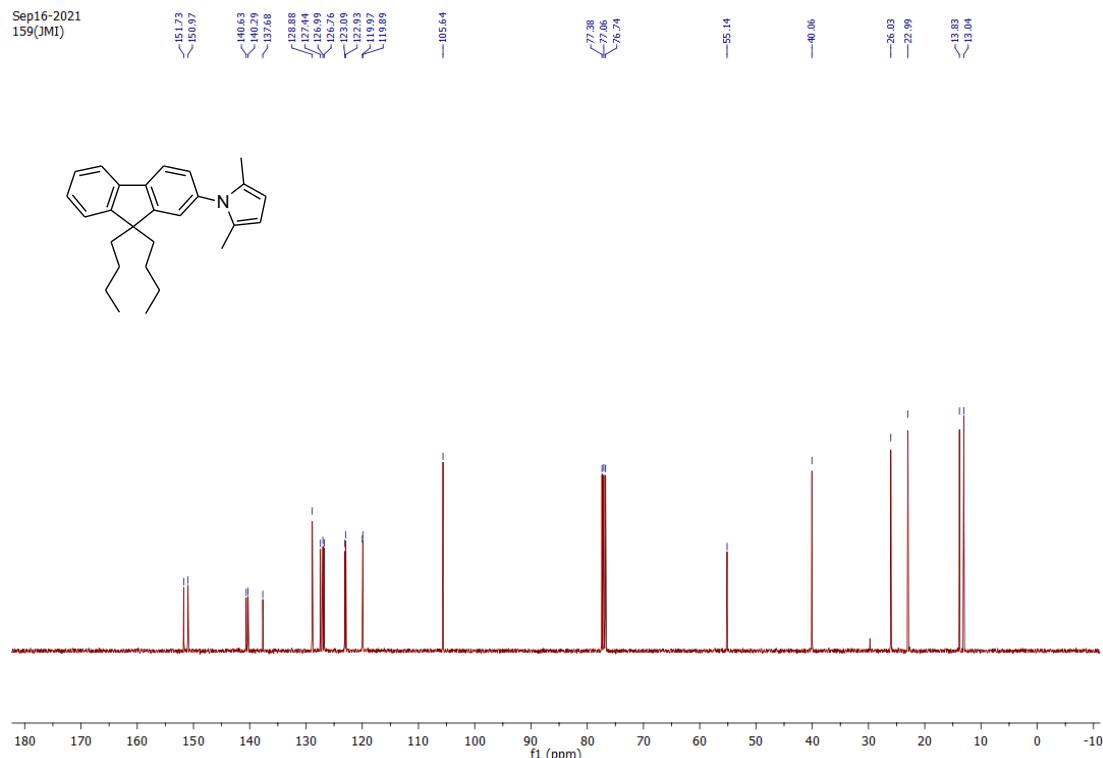
## $^1\text{H-NMR}$ spectrum of compound 22



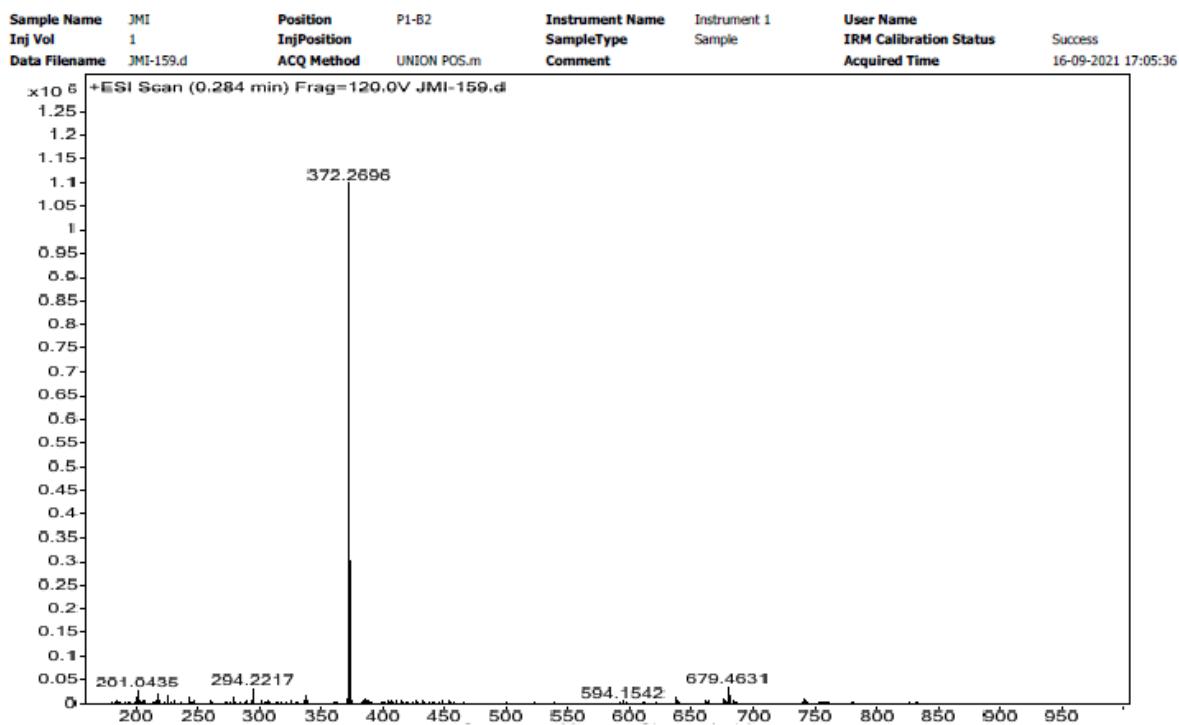
**<sup>1</sup>H-NMR spectrum of compound 27**



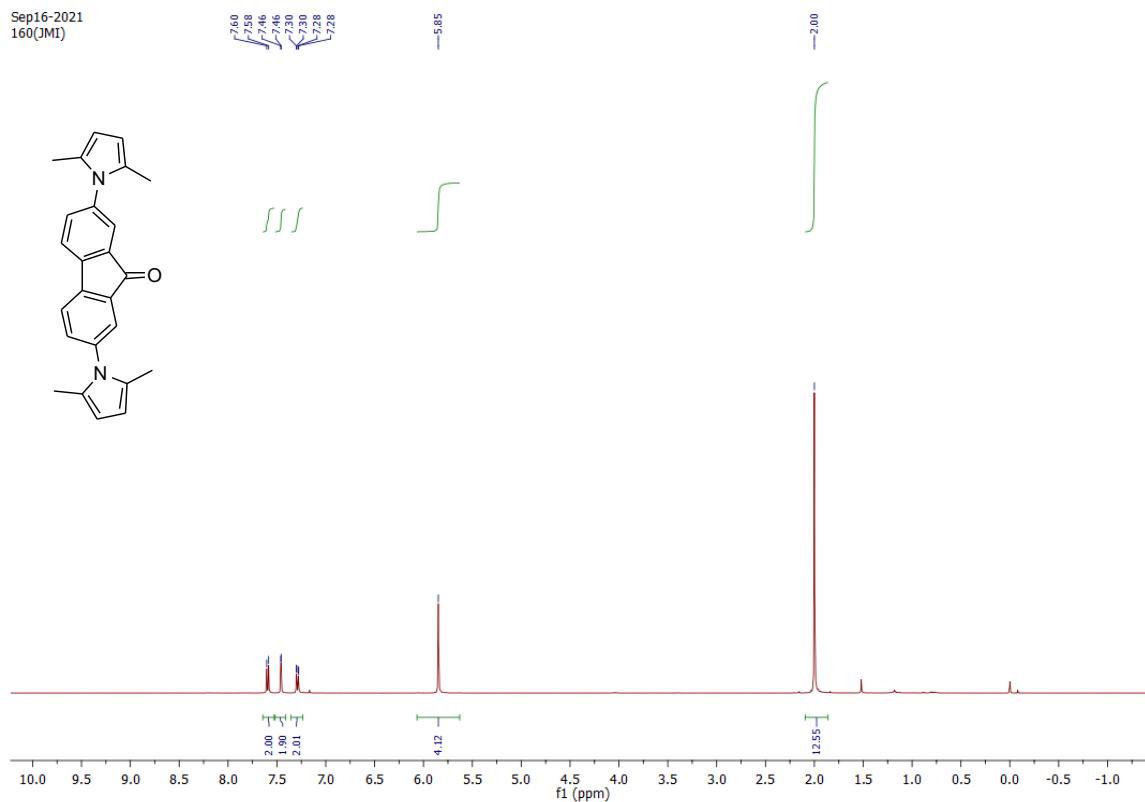
**<sup>13</sup>C-NMR spectrum of compound 27**



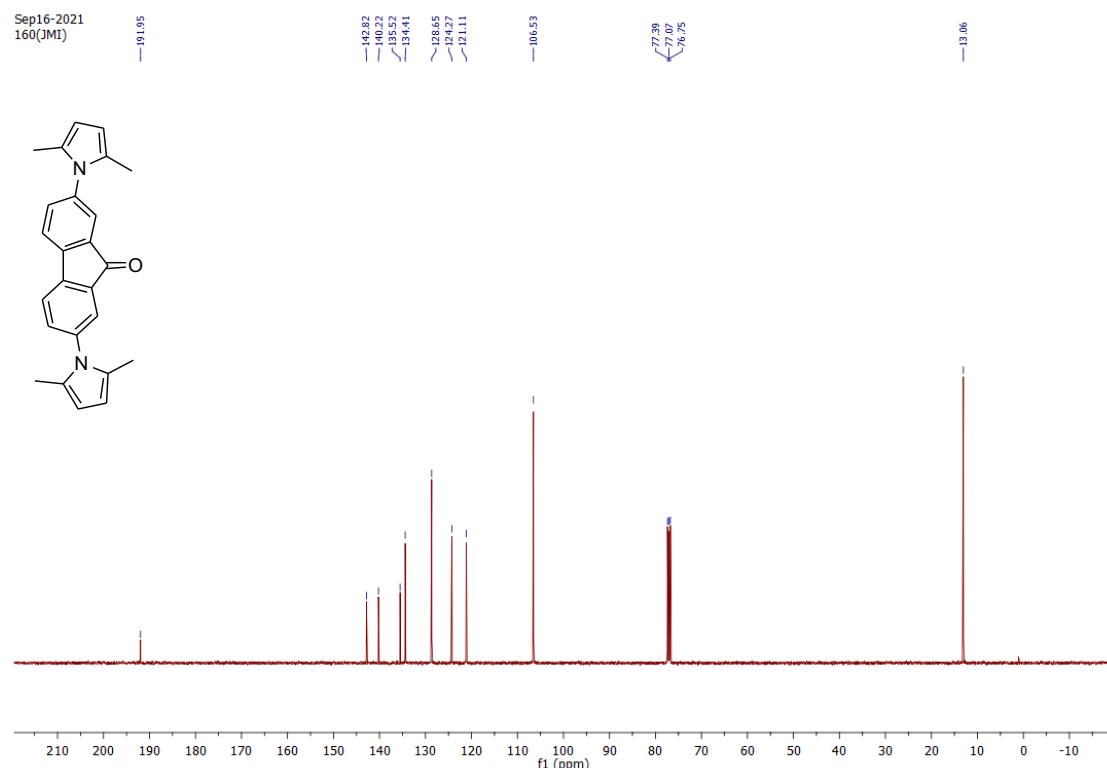
## HRMS spectrum of compound 27



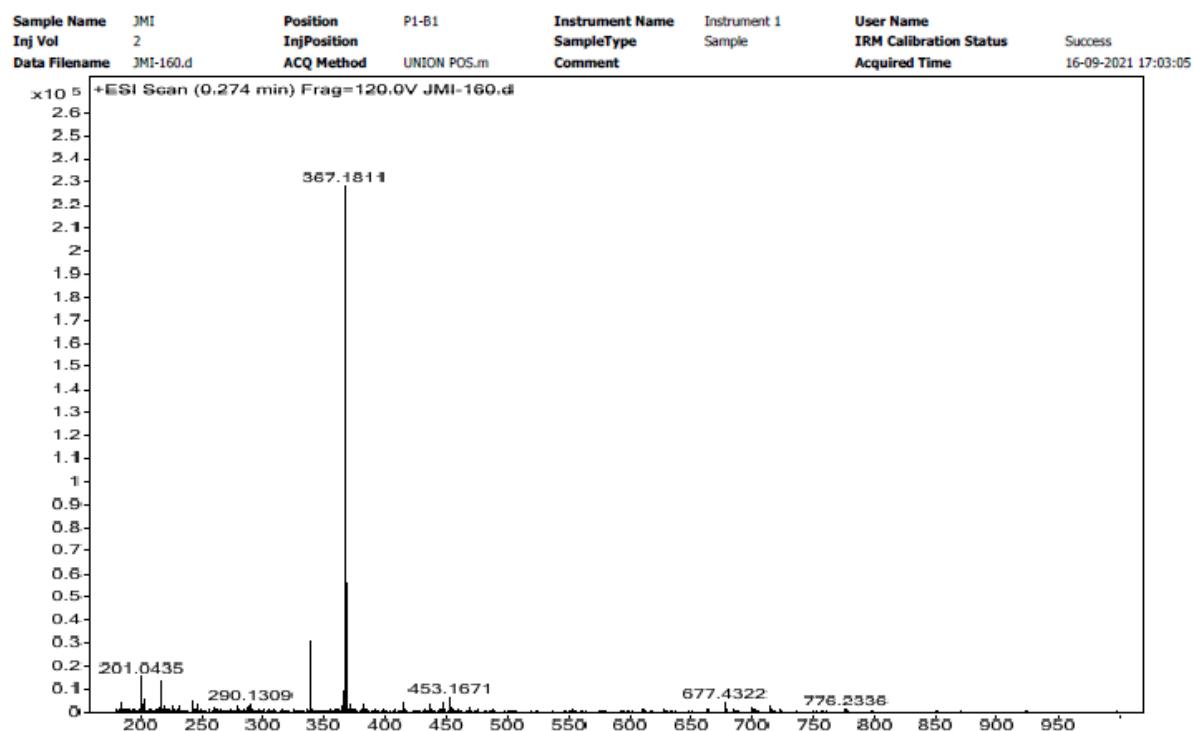
## $^1\text{H-NMR}$ spectrum of compound 31



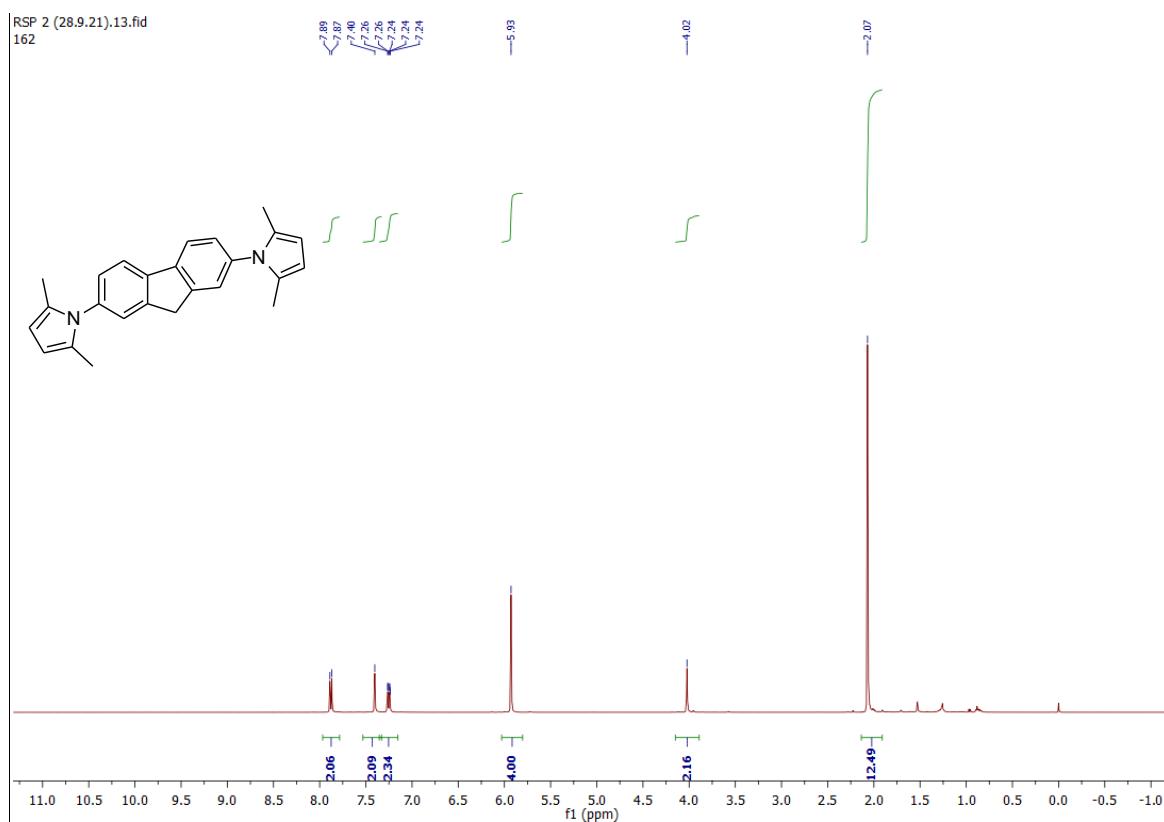
### <sup>13</sup>C-NMR spectrum of compound 31



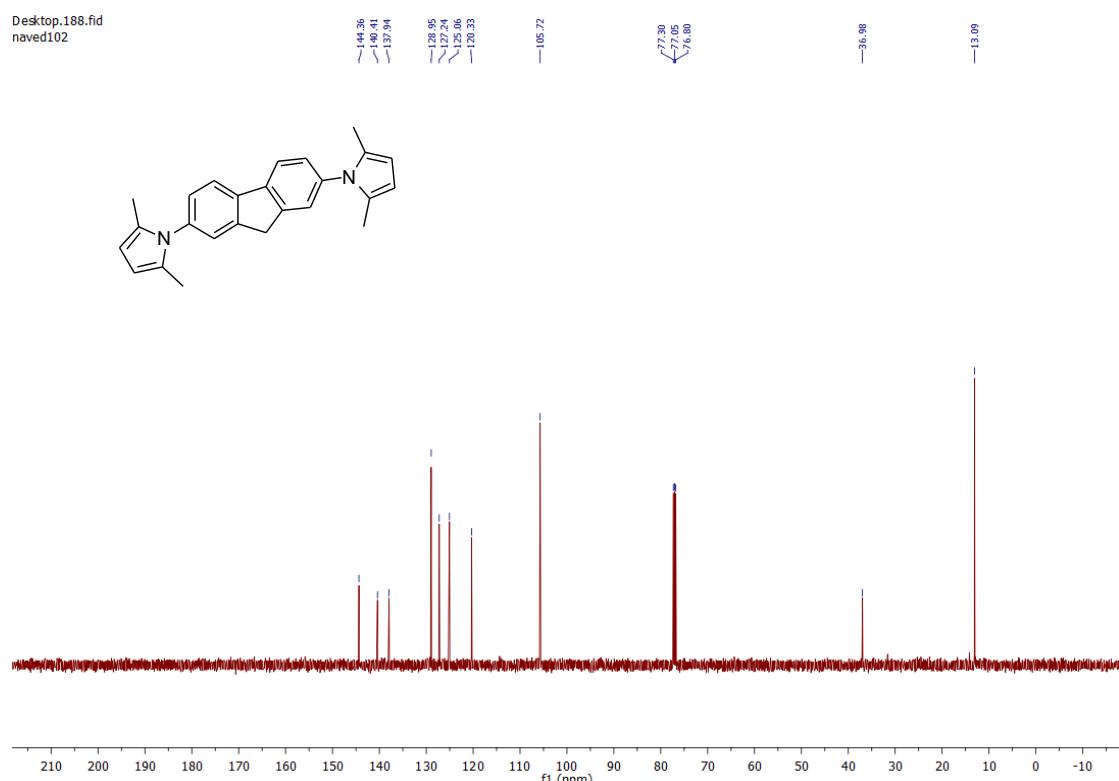
### HRMS spectrum of compound 31



**<sup>1</sup>H-NMR spectrum of compound 32**

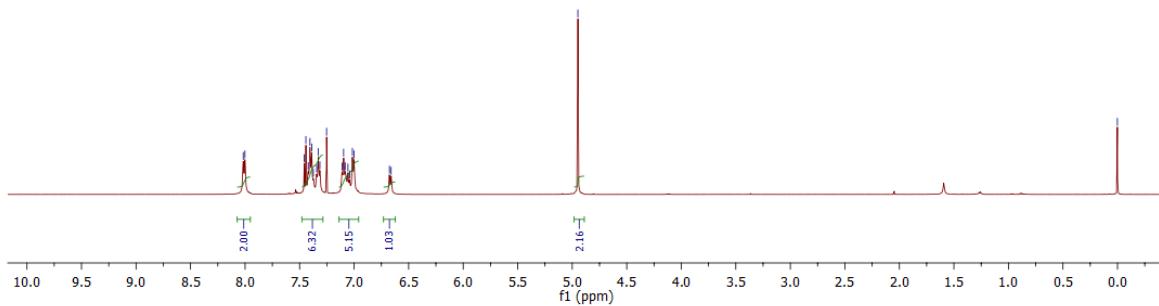
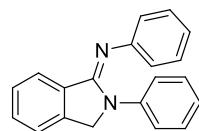


**<sup>13</sup>C-NMR spectrum of compound 32**



### **<sup>1</sup>H-NMR spectrum of compound 35**

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### **<sup>1</sup>H-NMR spectrum of compound 37**

310321\_117

