

## **Electronic Supporting Information (ESI) for New Journal of Chemistry**

### **Synthesis, Electronic Properties and Efficient Photoinduced Electron Transfer of New Pyrrolidine[60]fullerene- and Isoxazoline[60]fullerene-BODIPY dyads: Nitrile oxide cycloaddition under mild conditions by PIFA**

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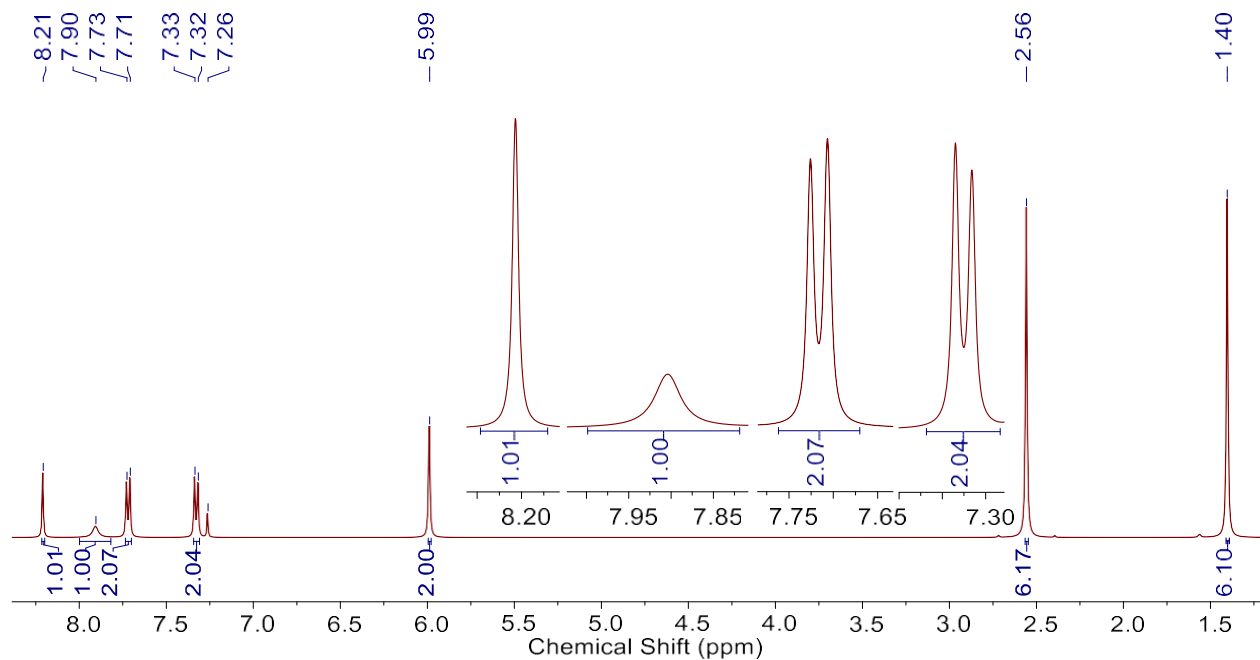
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#### **Table of contents**

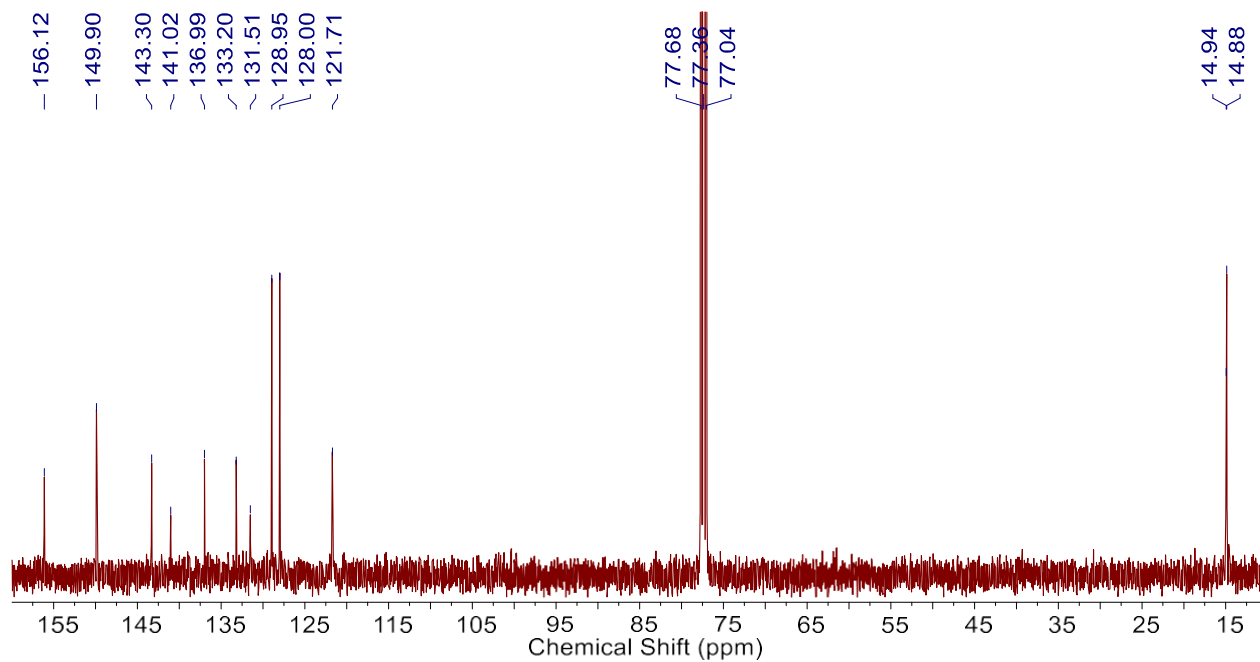
1. NMR spectra	2
1.1. <sup>1</sup> H and <sup>13</sup> C NMR spectra of <b>2</b>	2
1.2. <sup>1</sup> H and <sup>13</sup> C NMR spectra of <b>3</b>	3
1.3. <sup>1</sup> H and <sup>13</sup> C NMR spectra of <b>5</b>	4
1.4. <sup>1</sup> H and <sup>13</sup> C NMR spectra of <b>6</b>	5
1.5. <sup>1</sup> H and <sup>13</sup> C NMR spectra of <b>BDP-Pyr</b>	6
1.6. <sup>1</sup> H NMR spectrum of <b>BDP-Is</b>	7
2. MALDI-TOF mass spectra	7

## 1. NMR spectra

### 1.1. $^1\text{H}$ and $^{13}\text{C}$ NMR spectra of **2**

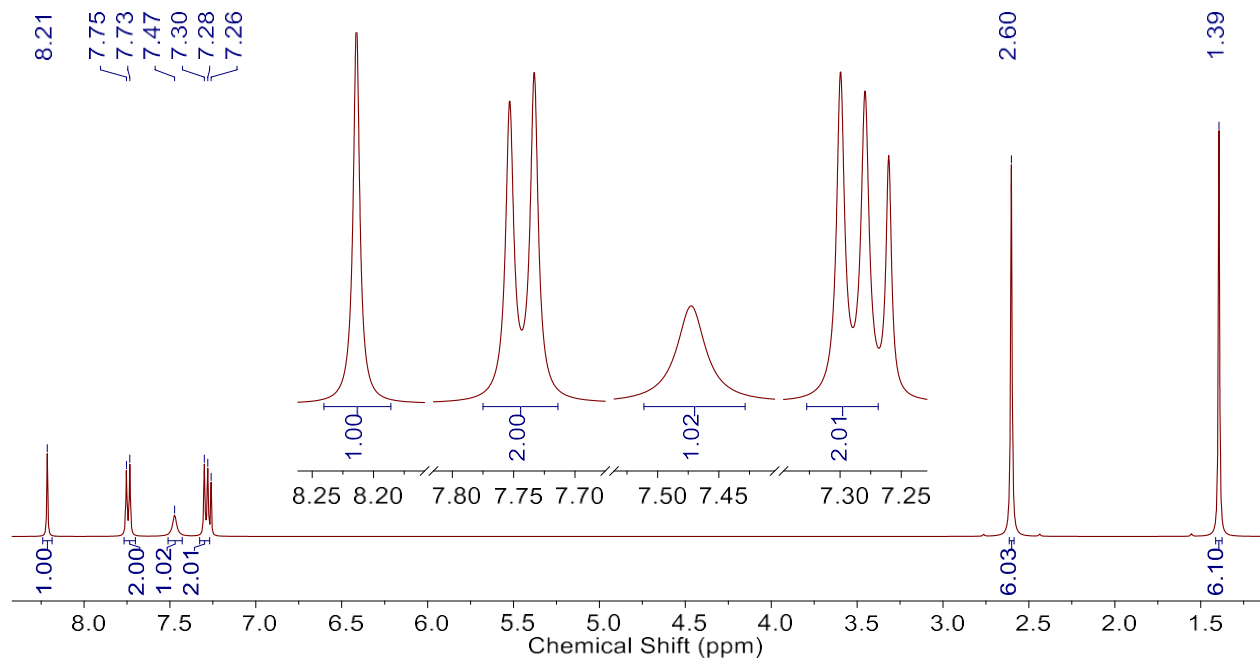


**Fig. S1.**  $^1\text{H}$  NMR spectrum of **2** in  $\text{CHCl}_3\text{-}d$  at 400 MHz

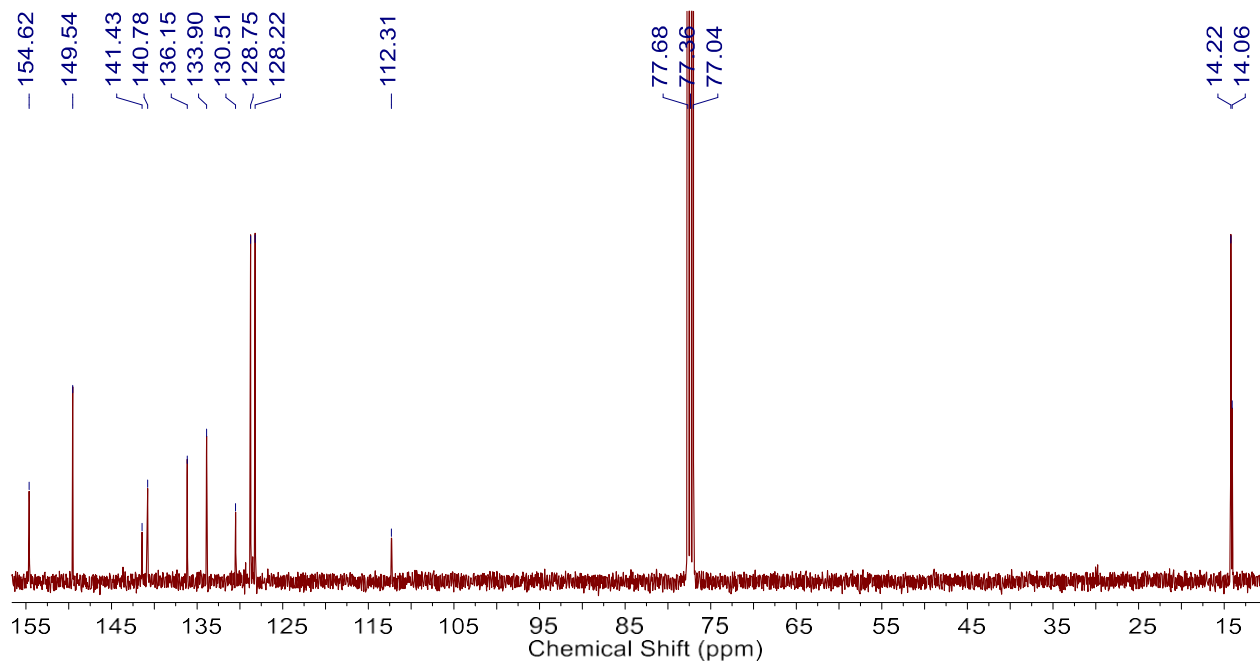


**Fig. S2.**  $^{13}\text{C}$  NMR spectrum of **2** in  $\text{CHCl}_3\text{-}d$  at 101 MHz

## 1.2. $^1\text{H}$ and $^{13}\text{C}$ NMR spectra of **3**



**Fig. S3.**  $^1\text{H}$  NMR spectrum of **3** in  $\text{CHCl}_3-d$  at 400 MHz



**Fig. S4.**  $^{13}\text{C}$  NMR spectrum of **3** in  $\text{CHCl}_3-d$  at 101 MHz

1.3.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra of **5**

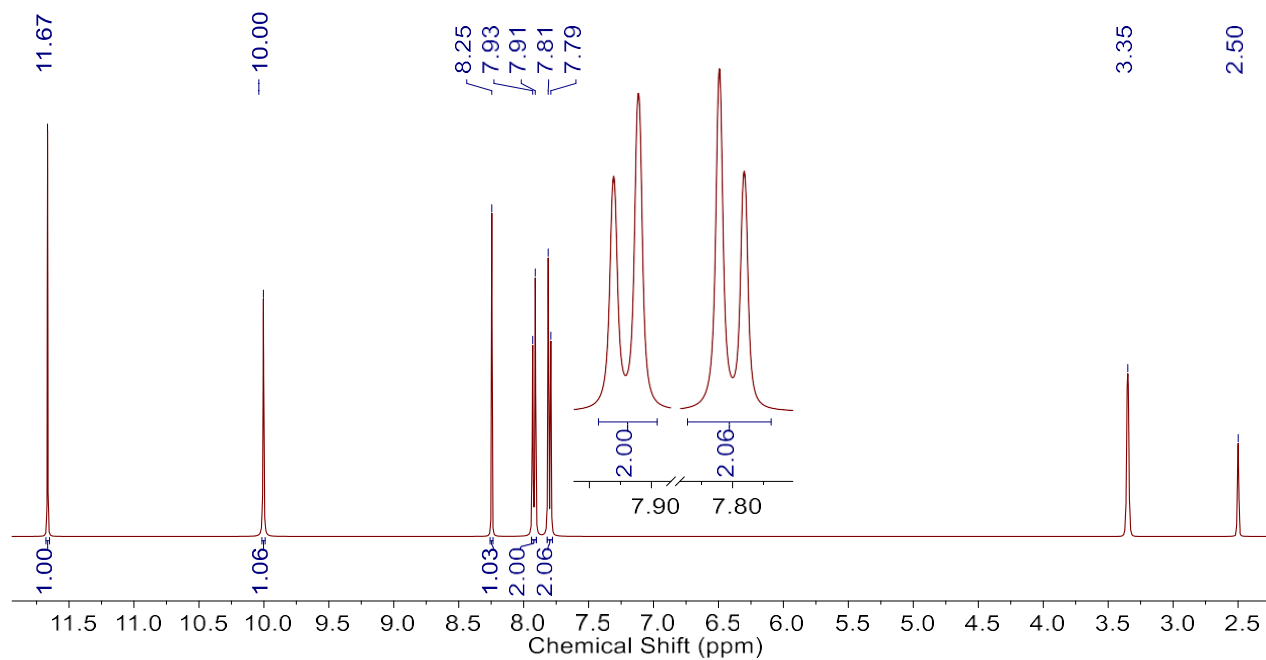


Fig. S5.  $^1\text{H}$  NMR spectrum of **5** in  $\text{DMSO-}d_6$  at 400 MHz

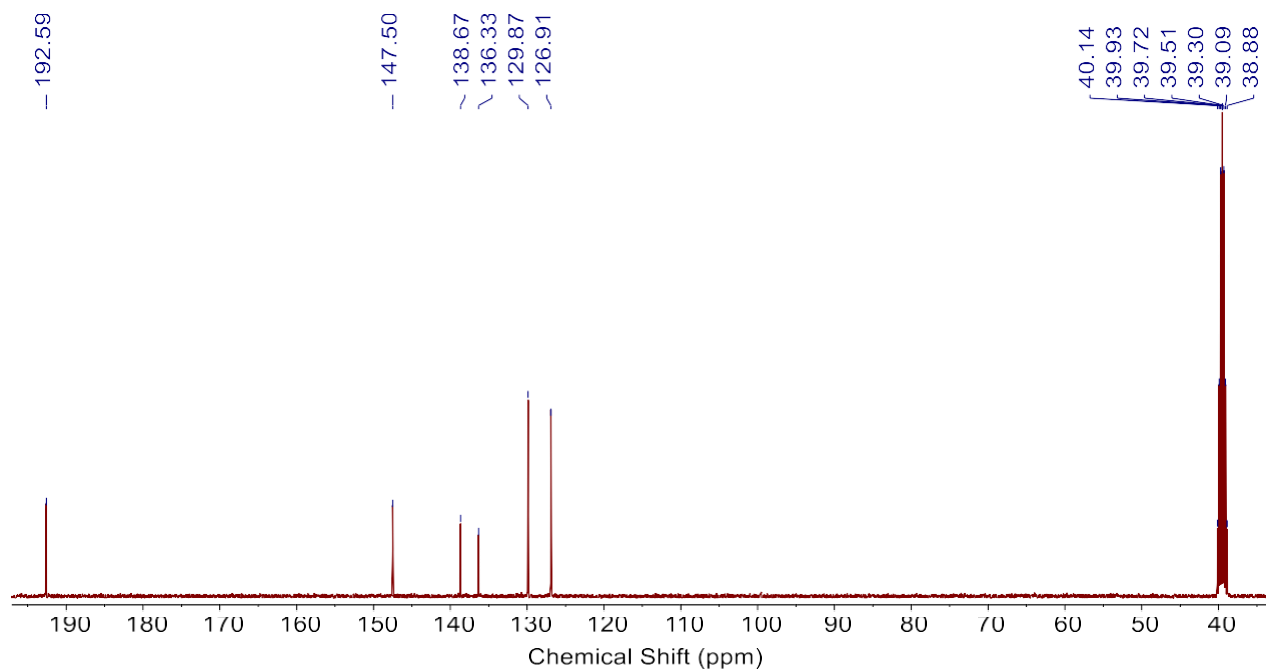
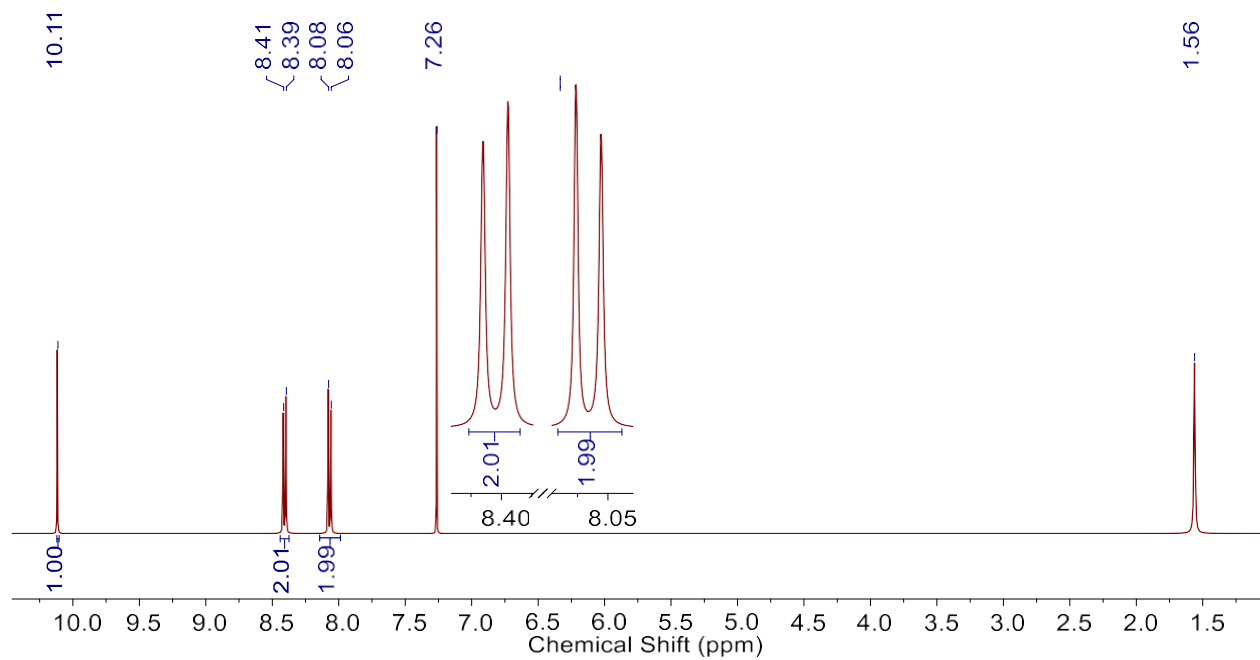
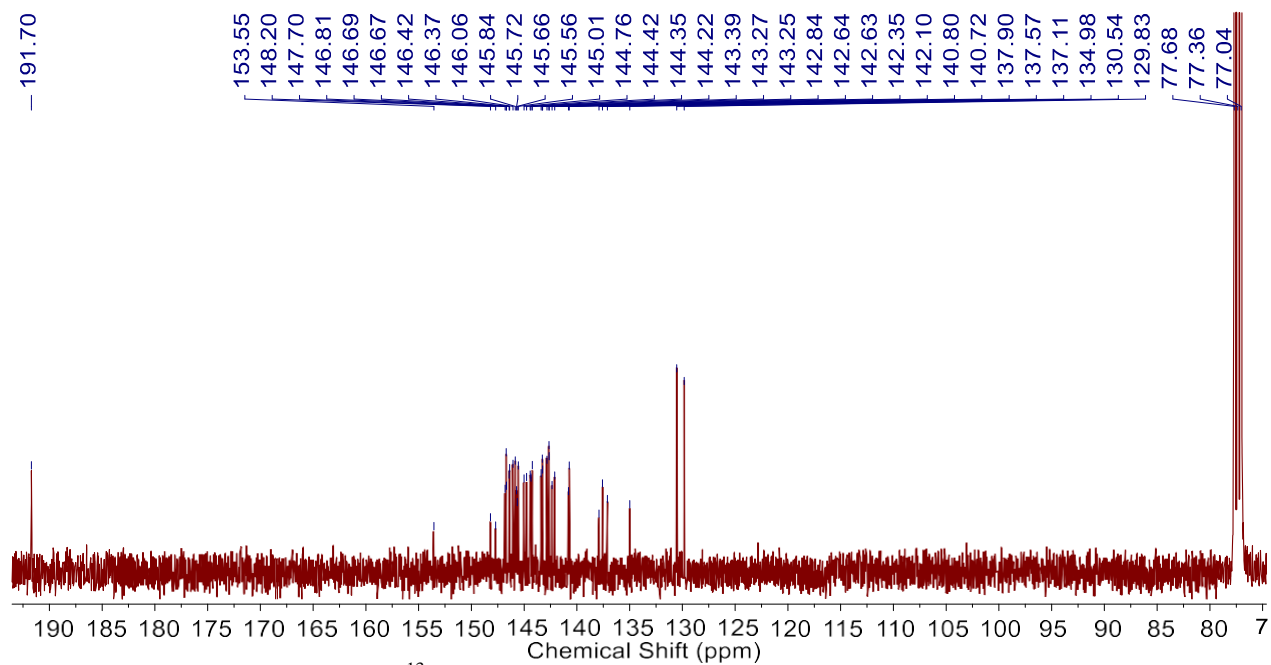


Fig. S6.  $^{13}\text{C}$  NMR spectrum of **5** in  $\text{DMSO-}d_6$  at 101 MHz

#### 1.4. $^1\text{H}$ and $^{13}\text{C}$ NMR spectra of **6**



**Fig. S7.**  $^1\text{H}$  NMR spectrum of **6** in  $\text{CHCl}_3\text{-}d$  at 400 MHz



**Fig. S8.**  $^{13}\text{C}$  NMR spectrum of **6** in  $\text{CHCl}_3\text{-}d$  at 101 MHz

1.5.  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra of **BDP-Pyr**

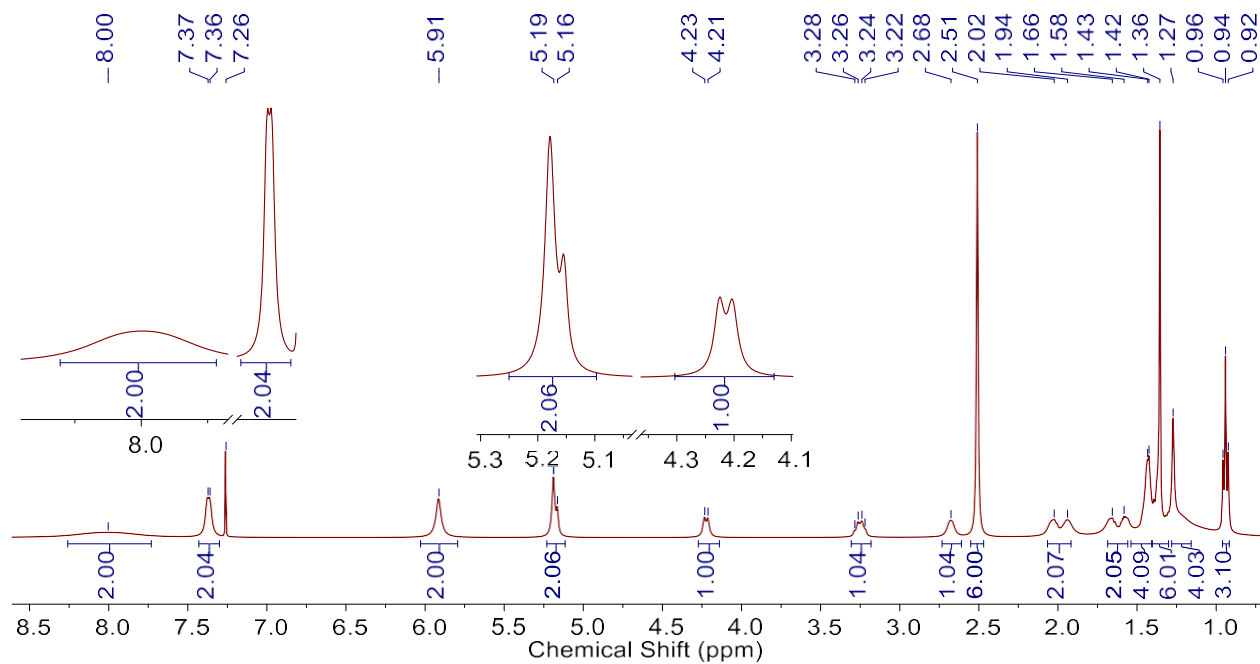


Fig. S9.  $^1\text{H}$  NMR spectrum of **BDP-Pyr** in  $\text{CHCl}_3\text{-}d$  at 400 MHz

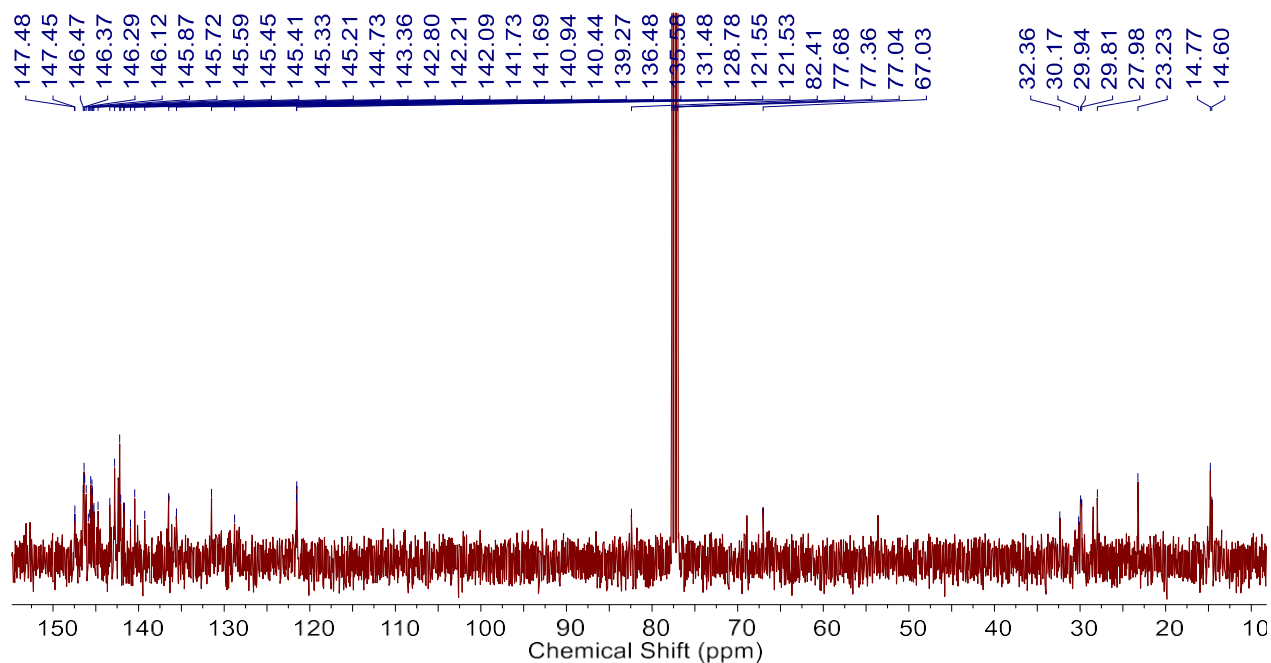
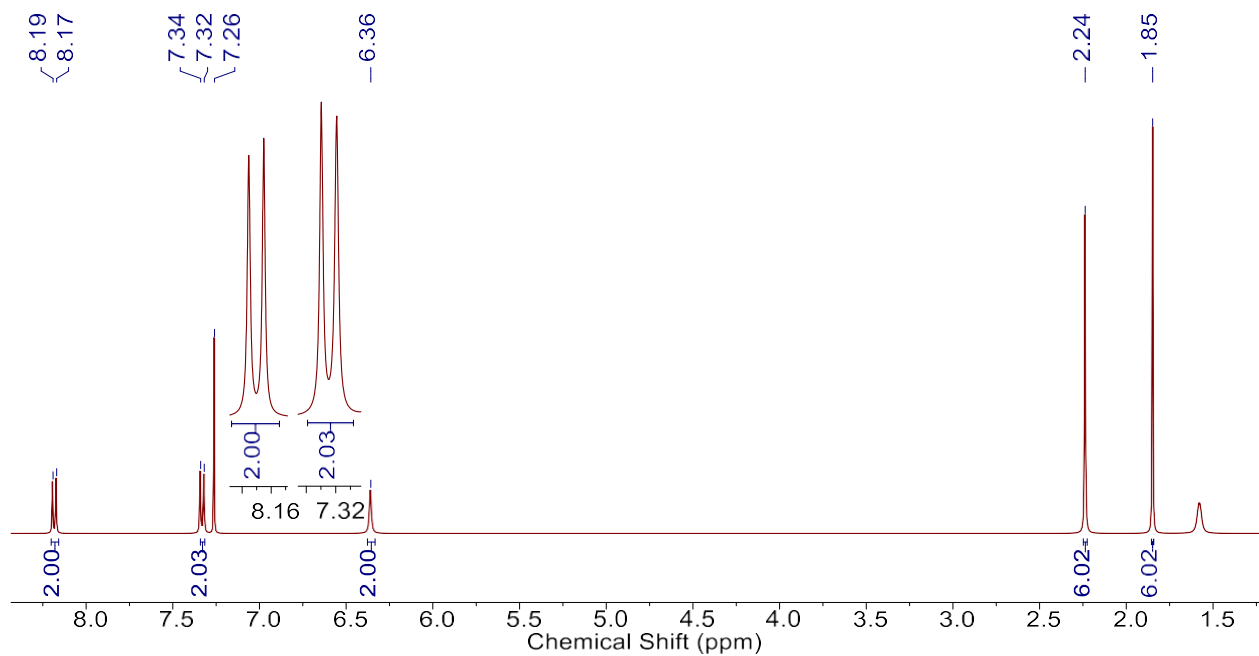


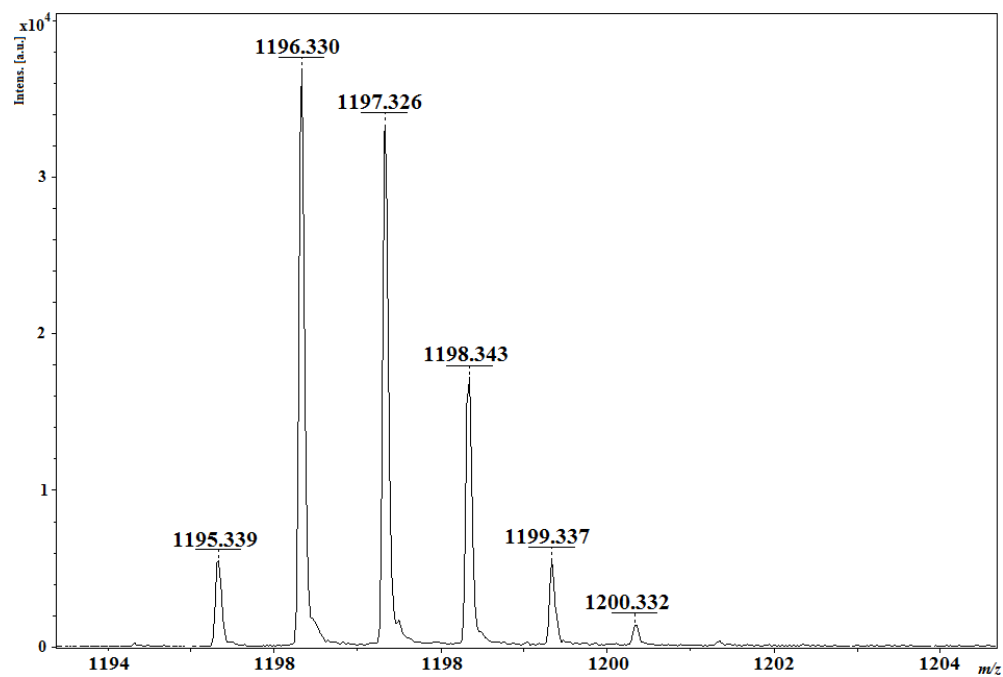
Fig. S10.  $^{13}\text{C}$  NMR spectrum of **BDP-Pyr** in  $\text{CHCl}_3\text{-}d$  at 101 MHz

## 1.6. $^1\text{H}$ NMR spectrum of **BDP-Is**

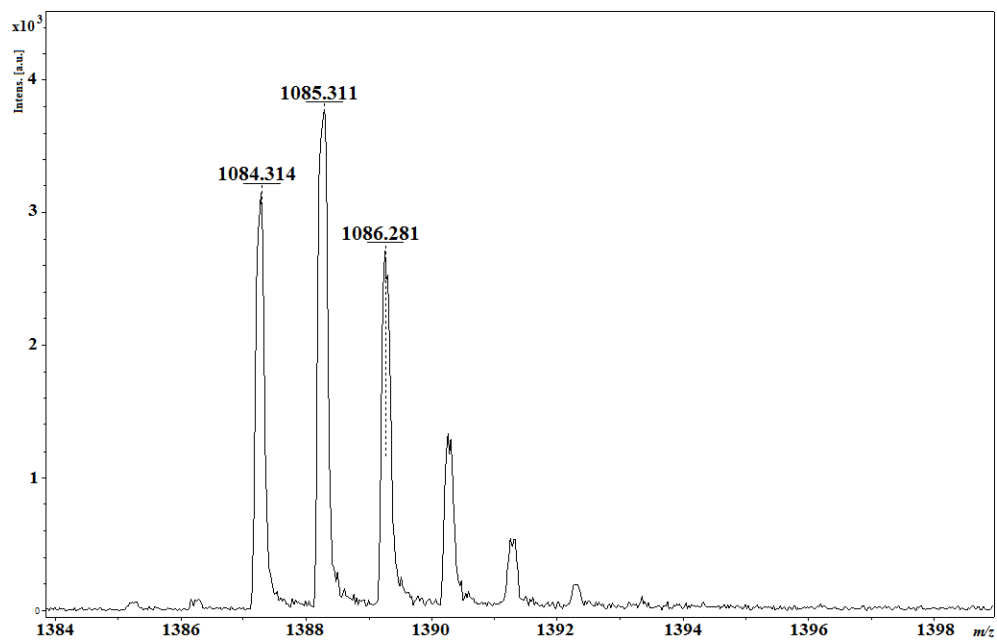


**Fig. S11.**  $^1\text{H}$  NMR spectrum of **BDP-Is** in  $\text{CHCl}_3-d$  at 400 MHz

## 2. MALDI-TOF mass spectrum



**Fig. S12.** MALDI-TOF mass spectrum of **BDP-Pyr**



**Fig. S13.** MALD-TOF mass spectrum of **BDP-Is**