

## Supplementary Information

### **Diamond functionalization with light-harvesting molecular wires: improved surface coverage by optimized Suzuki cross-coupling conditions**

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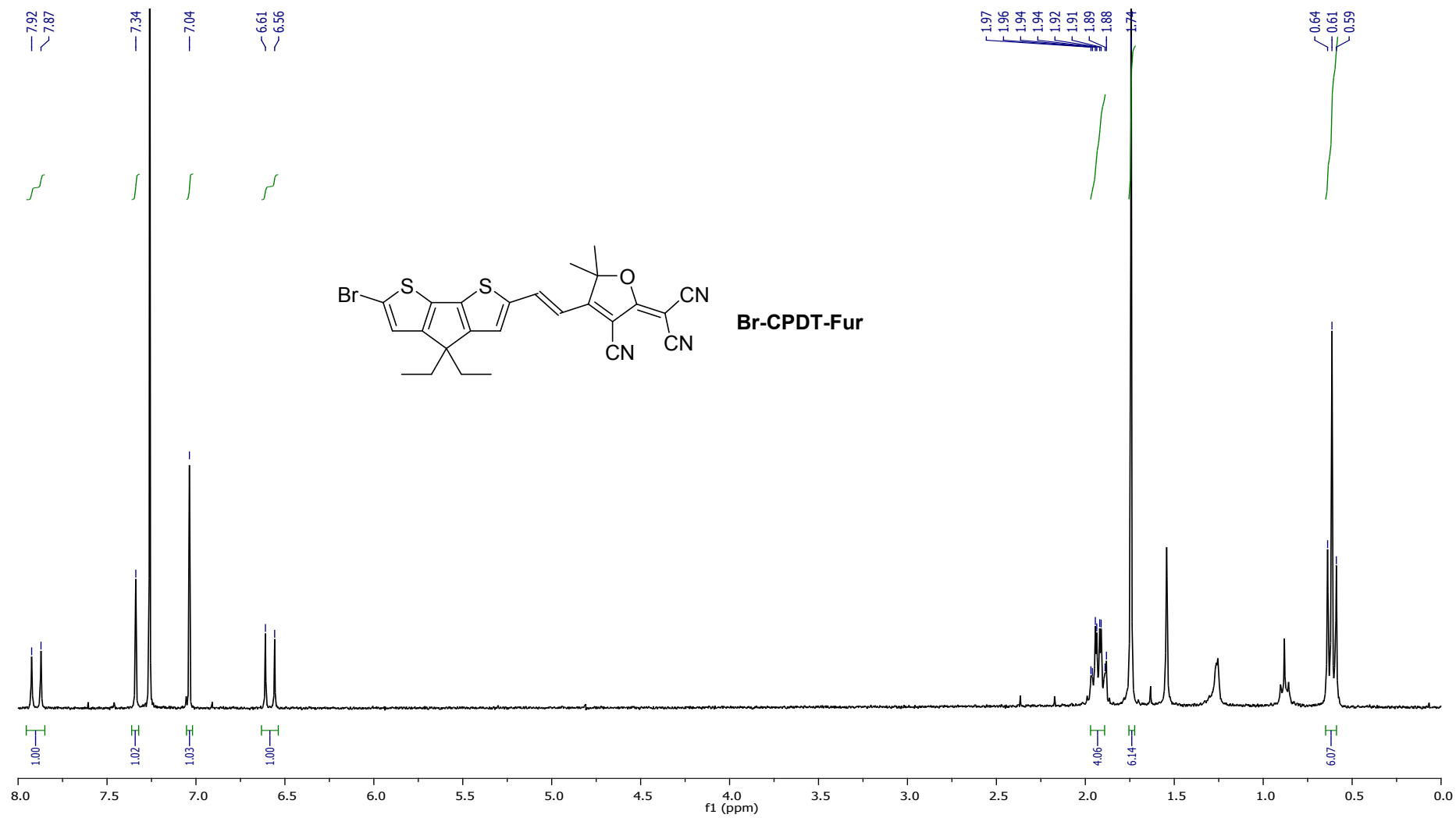


Fig. S1 <sup>1</sup>H NMR spectrum of Br-CPDT-Fur.

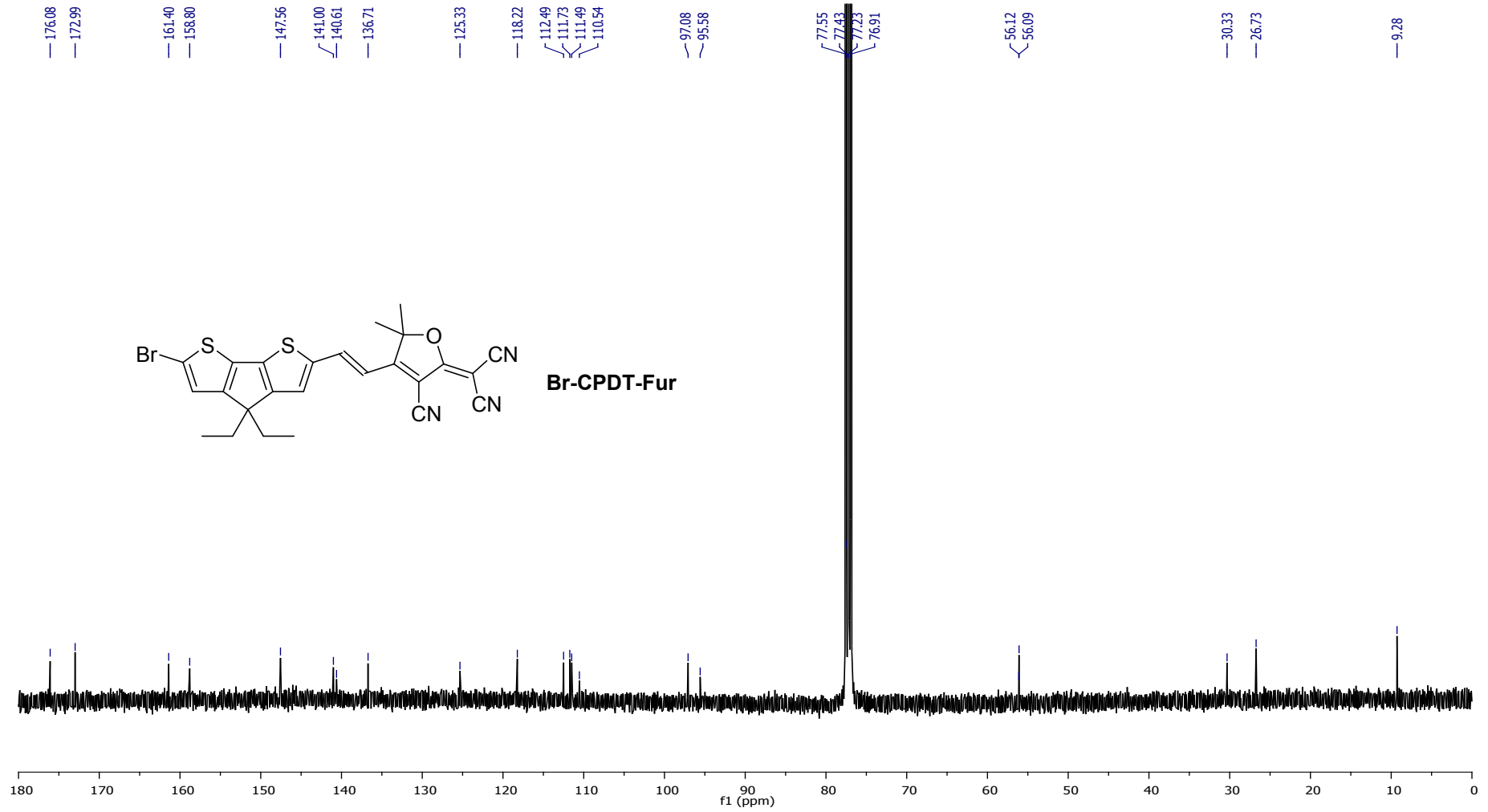
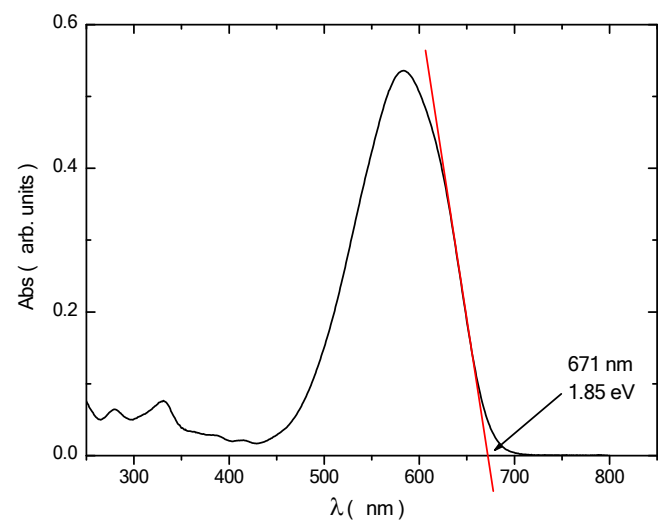


Fig. S2 <sup>13</sup>C NMR spectrum of Br-CPDT-Fur.



**Fig. S3** UV-Vis absorption spectrum of **Br-CPDT-Fur** in CH<sub>2</sub>Cl<sub>2</sub> solution.