

Supporting information:

Diketopyrrolopyrrole based polymers with semi-fluorinated side chain for
high performance organic thin-film transistors

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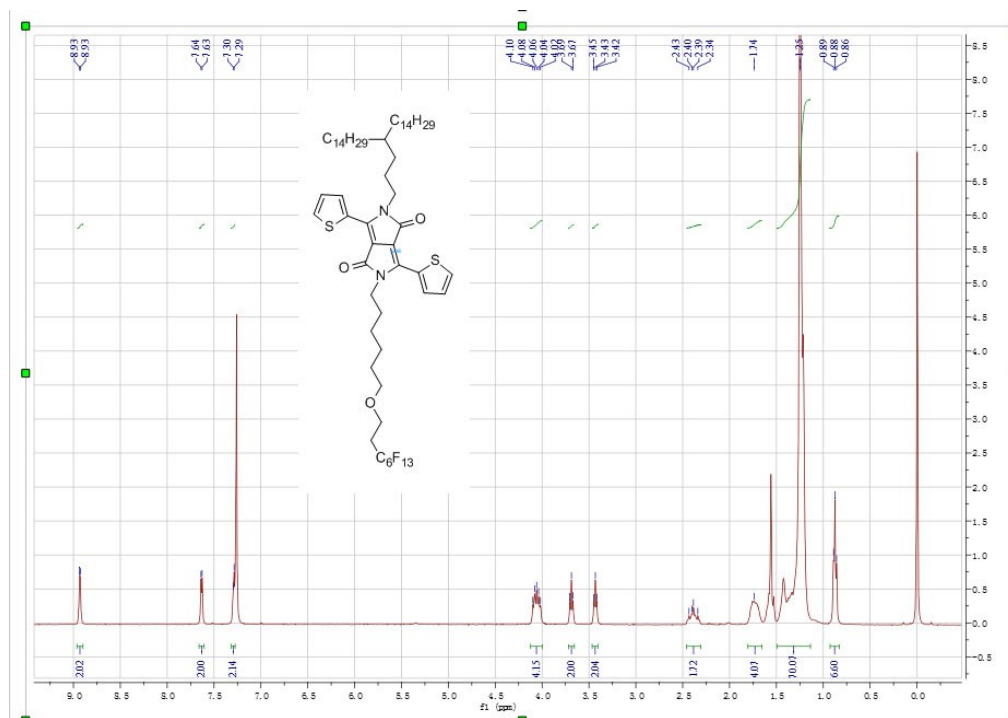


Figure S3 1H NMR spectrum of compound 2 (CDCl₃).

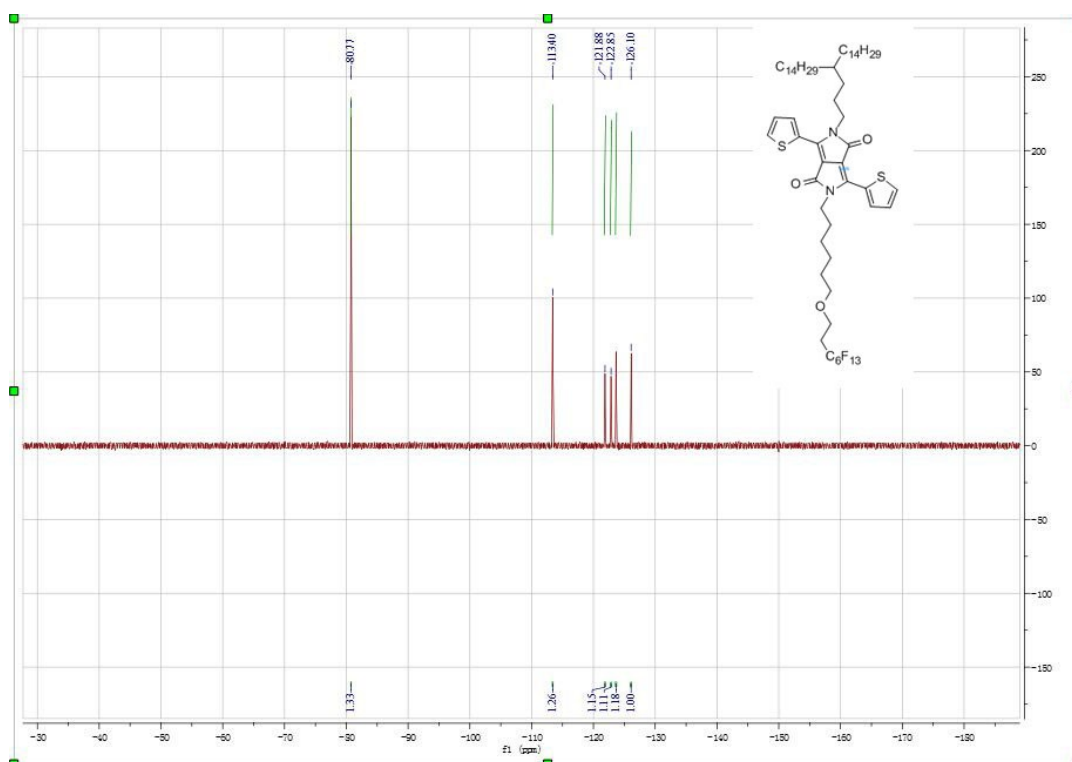


Figure S4 ^{19}F NMR spectrum of compound 2 (CDCl₃).

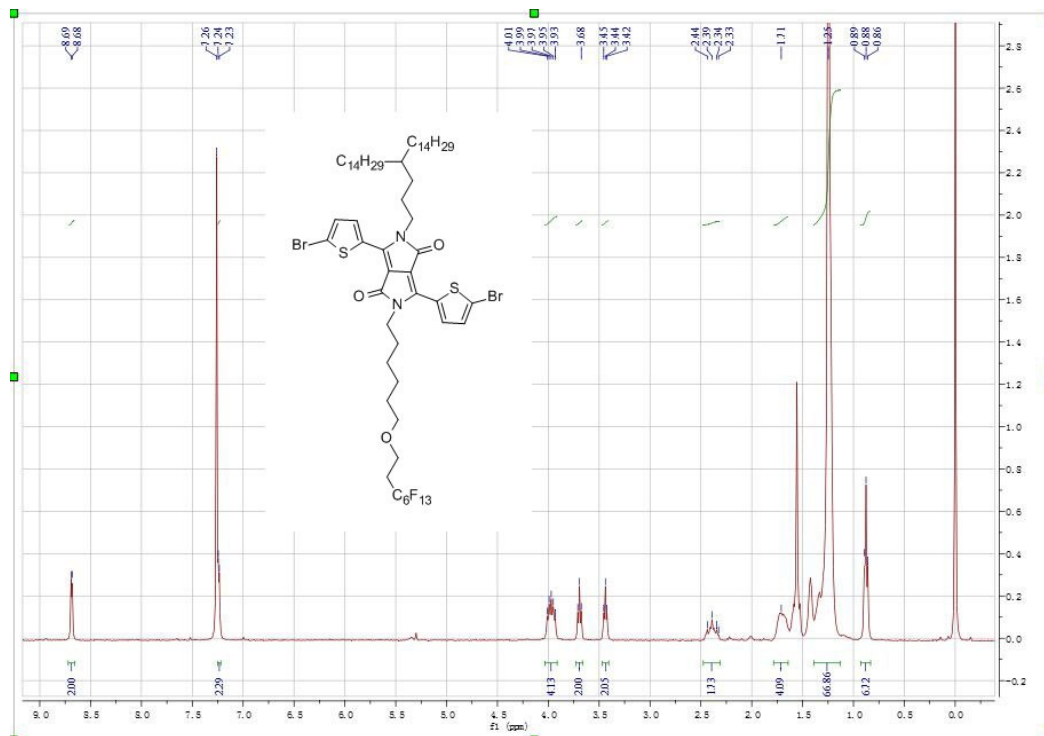


Figure S5 ^1H NMR spectrum of compound **3** (CDCl_3).

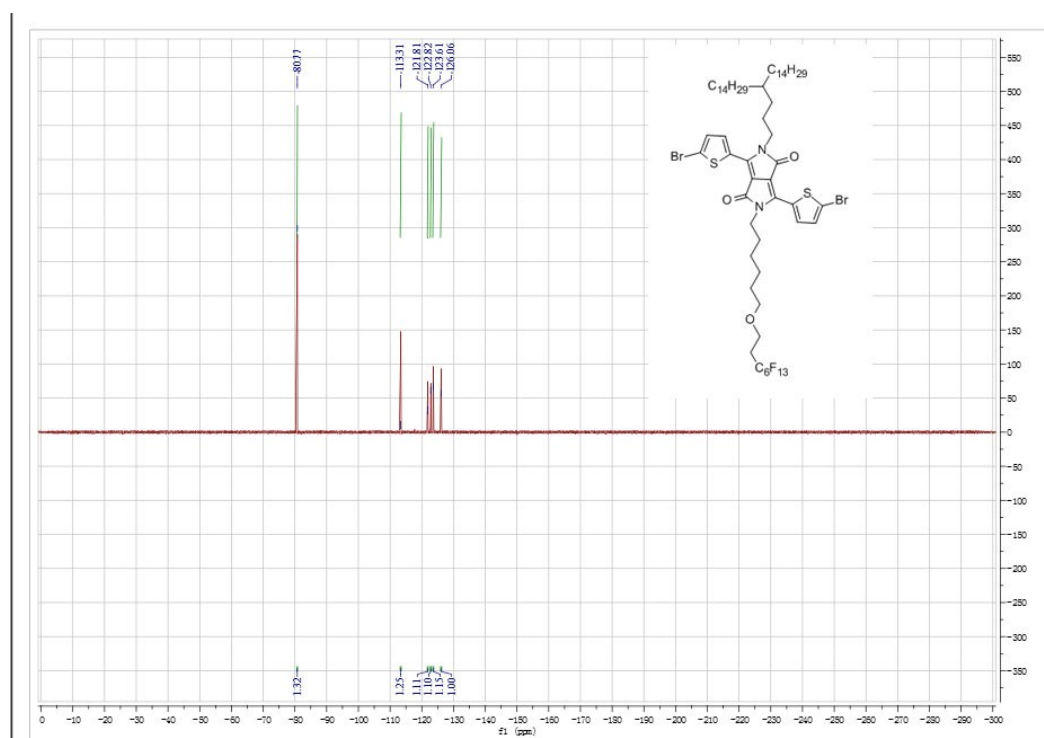


Figure S6 ^{19}F NMR spectrum of compound **3** (CDCl_3).

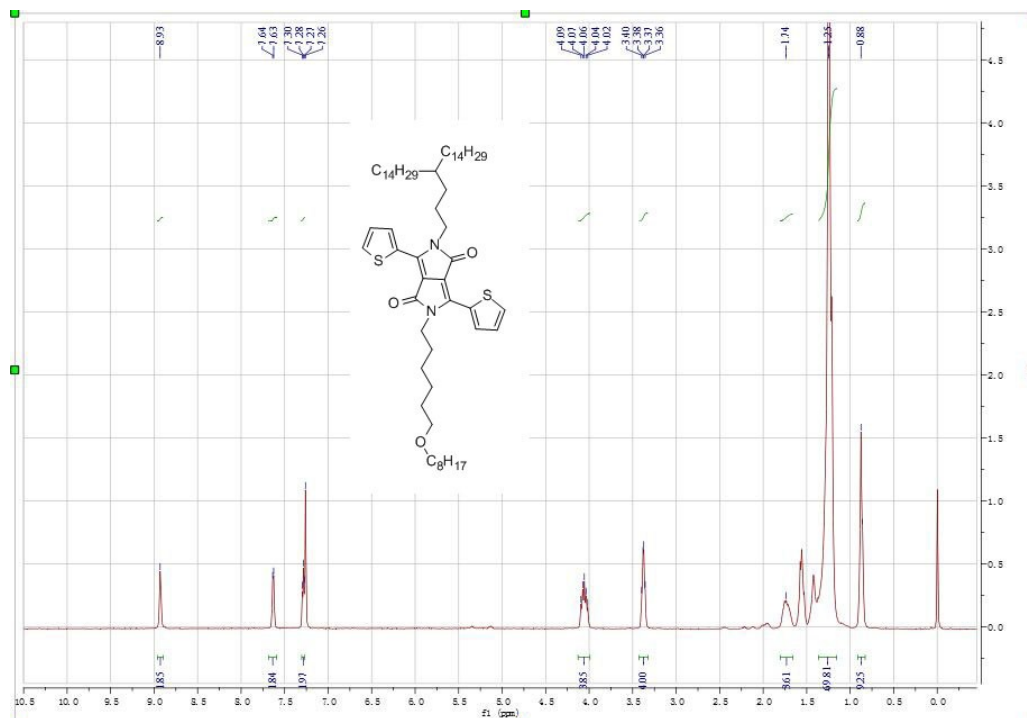


Figure S7 ¹H NMR spectrum of compound 4 (CDCl₃).

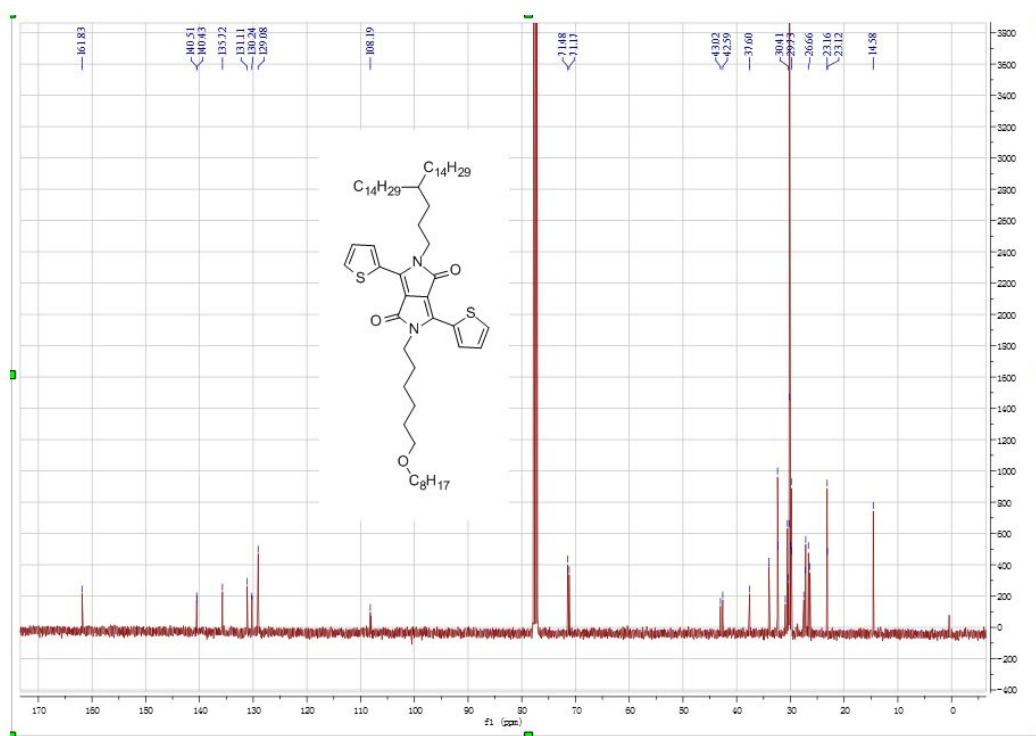


Figure S8 ¹³C NMR spectrum of compound 4 (CDCl₃).

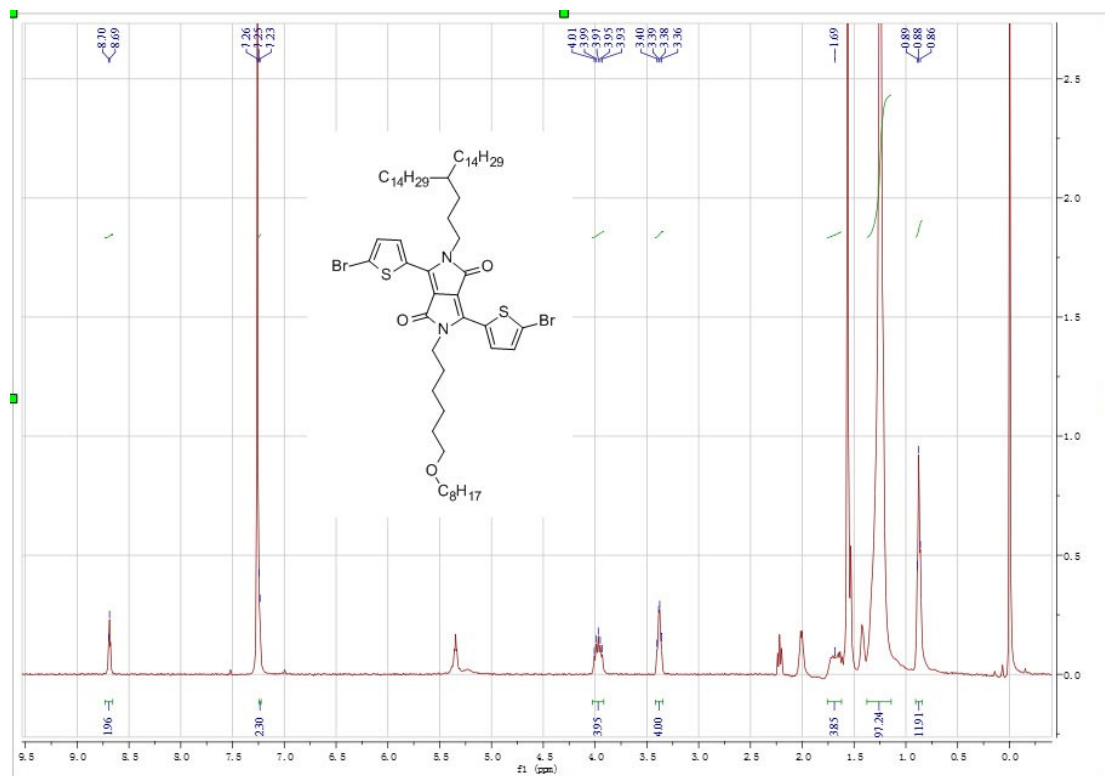


Figure S9 ¹H NMR spectrum of compound 5 (CDCl₃).

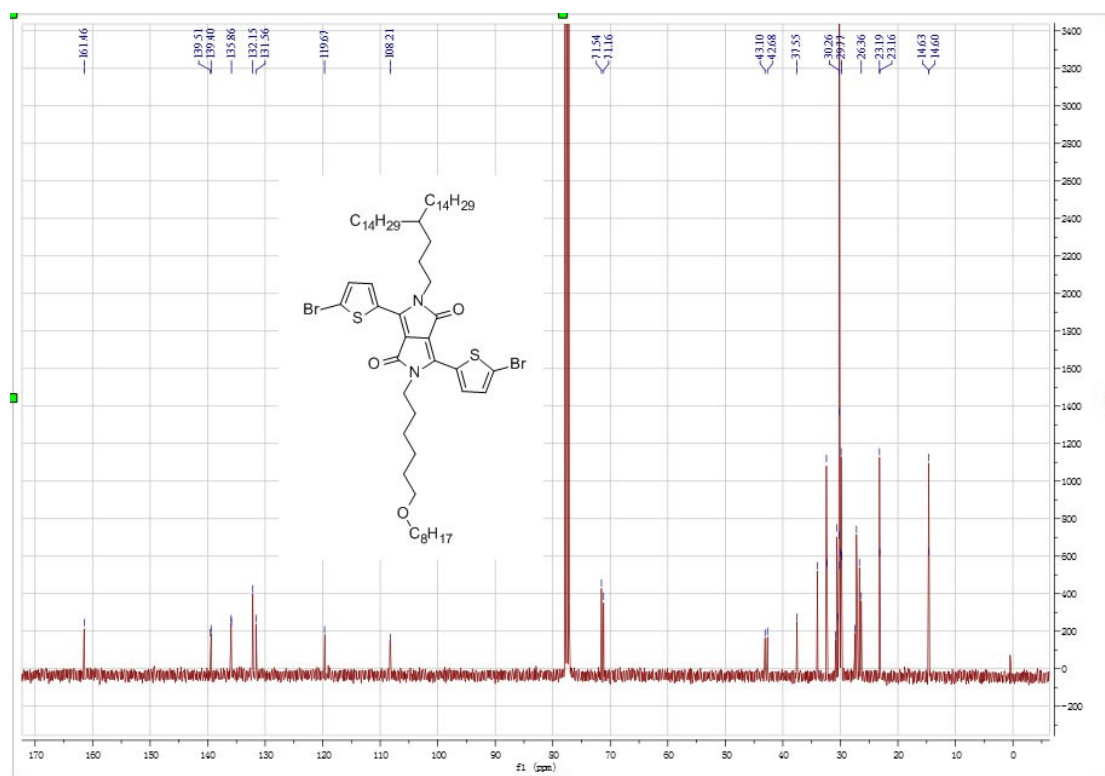


Figure S10 ¹³C NMR spectrum of compound 5 (CDCl₃).