

Electronic Supplementary Material (ESI) for Dalton Transactions.

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Supporting information

Diketopyrrolopyrrole based acceptors with multi-arms for organic solar cells

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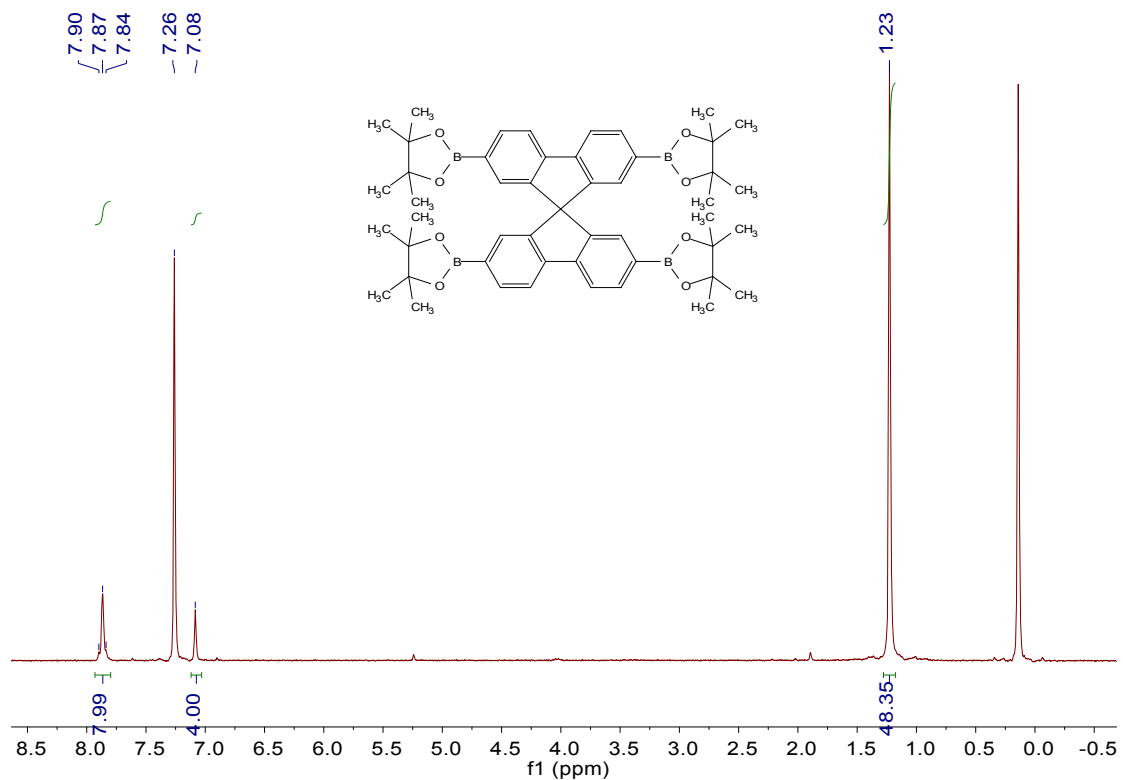


Figure S1. ^1H NMR(CDCl_3) spectrum of SBF-4B.

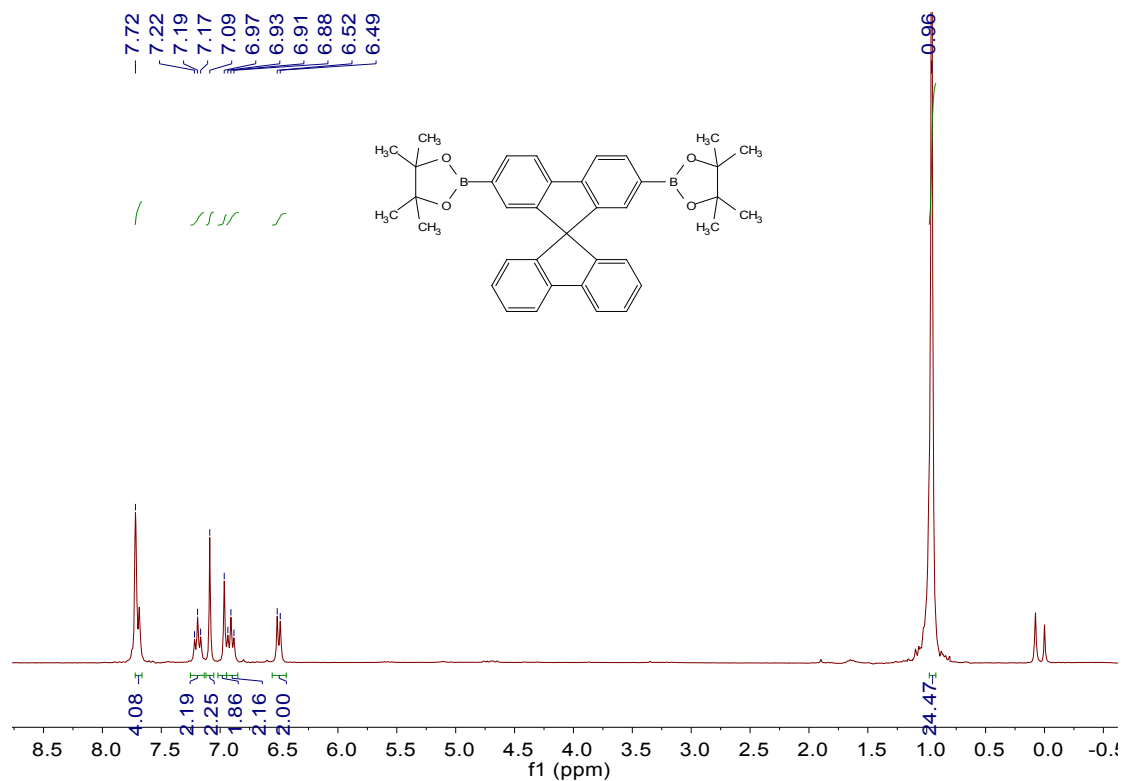


Figure S2. ^1H NMR(CDCl_3) spectrum of SBF-2B.

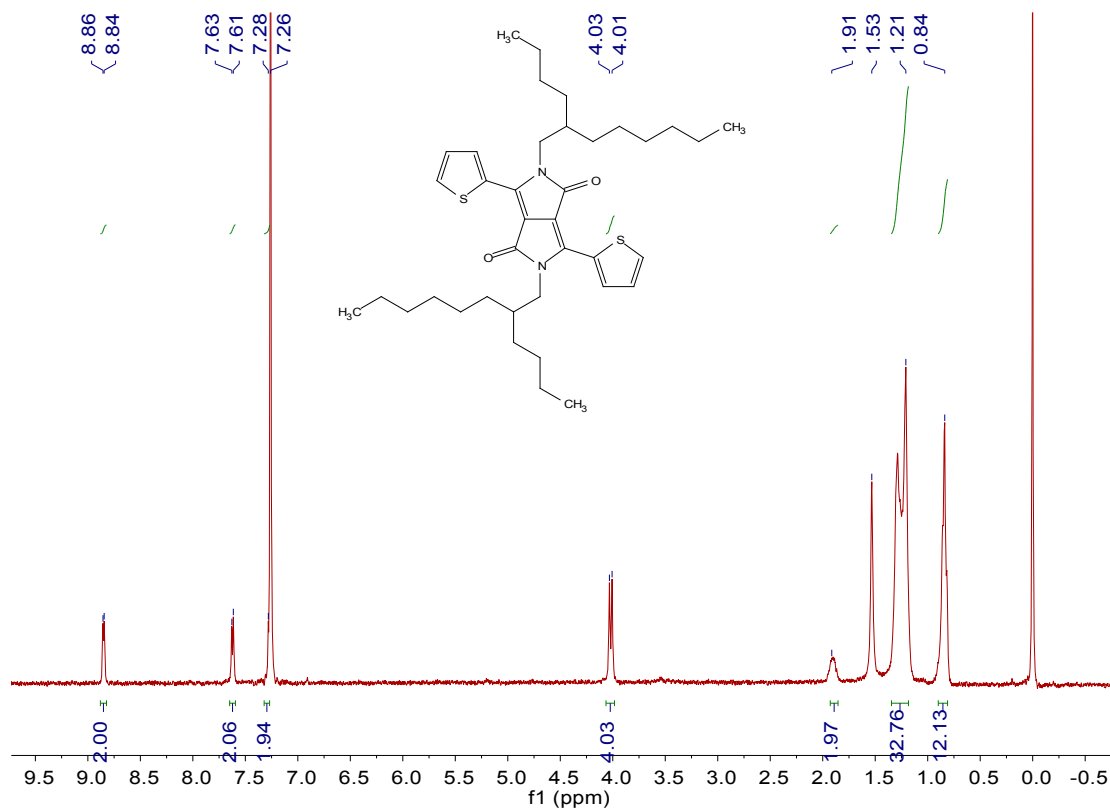


Figure S3. ^1H NMR(CDCl_3) spectrum of DPP-C12.

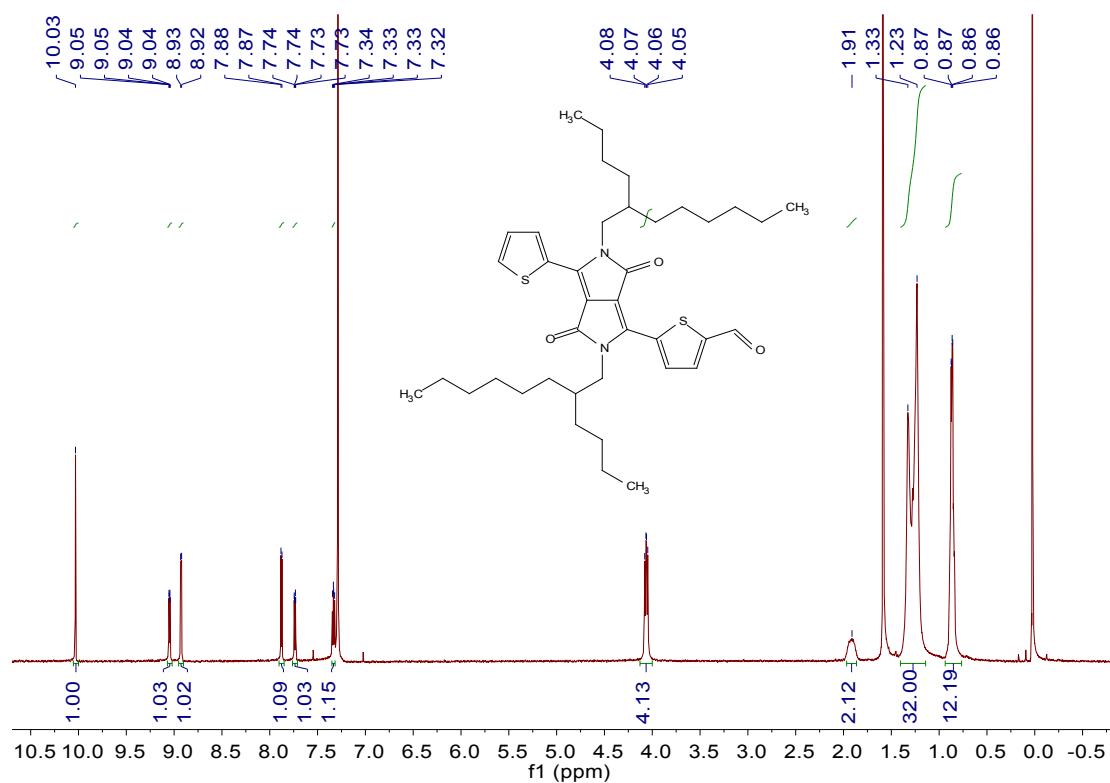


Figure S4. ^1H NMR(CDCl_3) spectrum of DPPCHO.

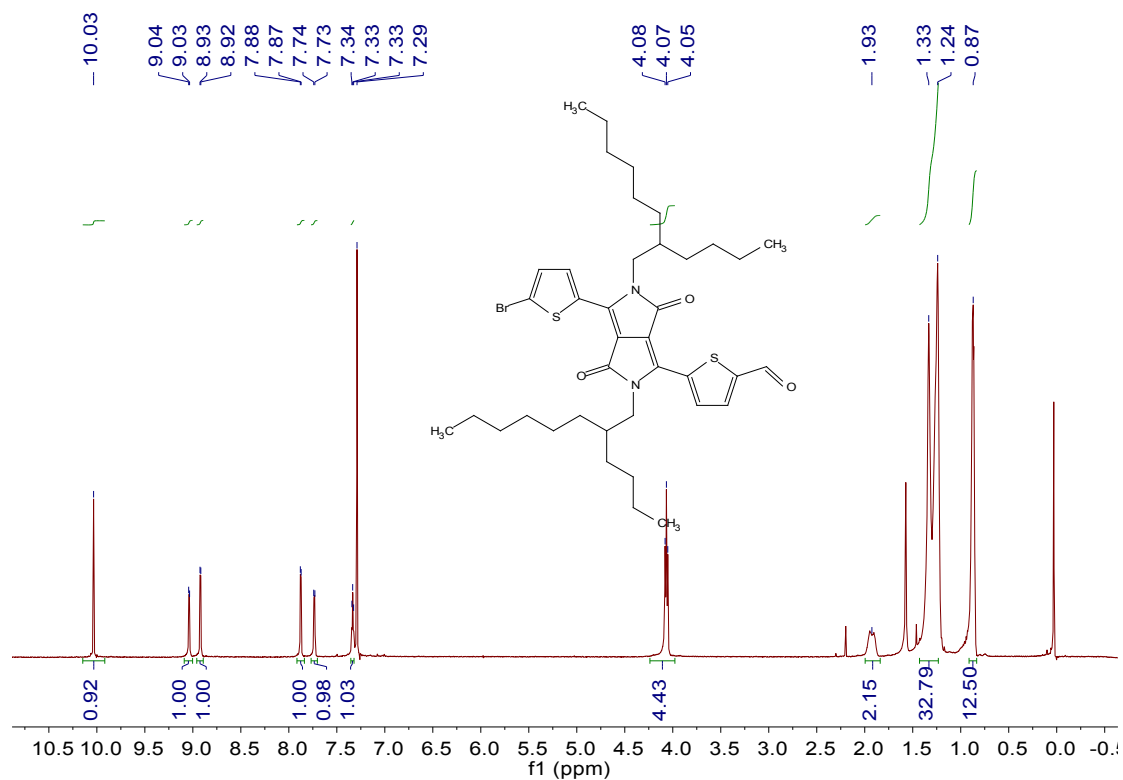


Figure S5. ^1H NMR(CDCl_3) spectrum of DPPCHO-Br.

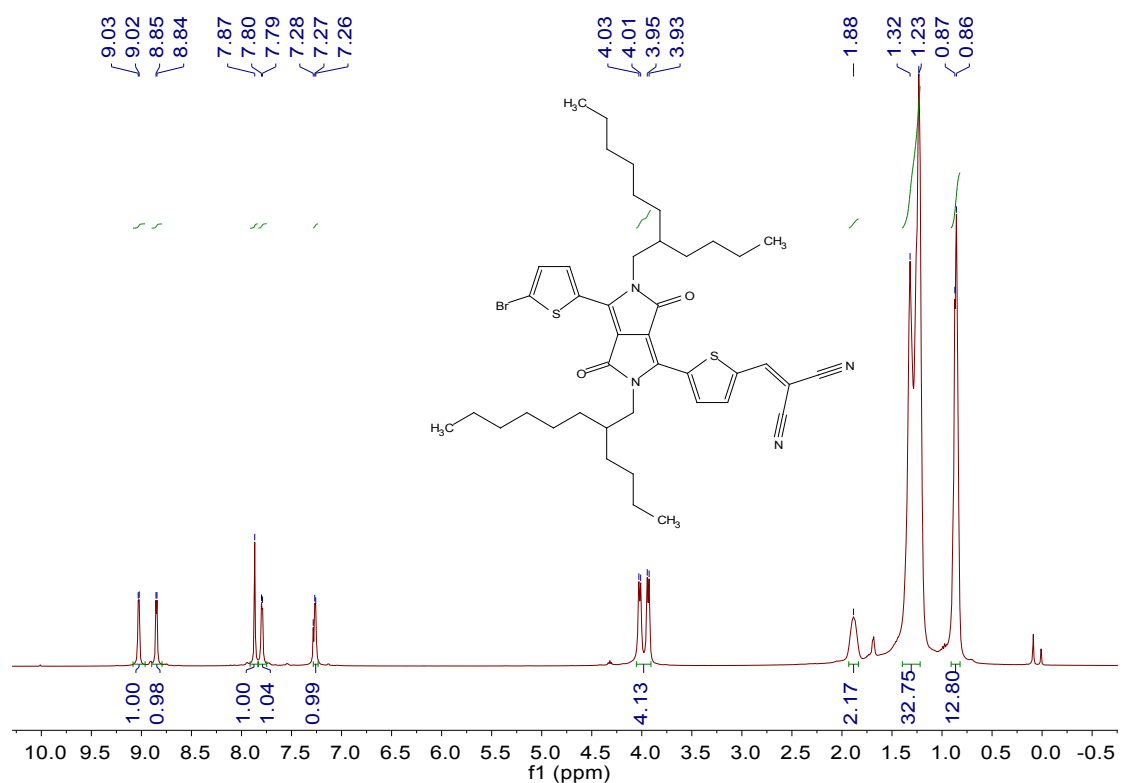


Figure S6. ^1H NMR(CDCl_3) spectrum of DPPDCV-Br.

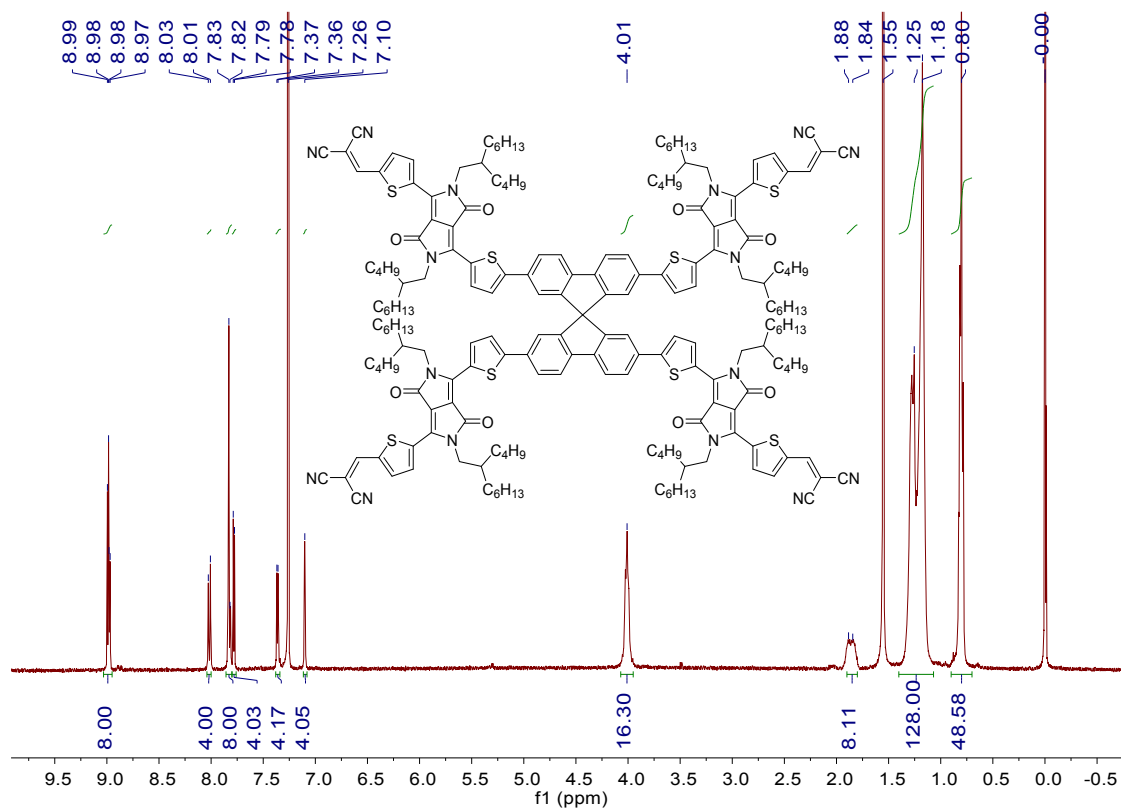


Figure S7. ^1H NMR(CDCl_3) spectrum of SBF-4DPPDCV.

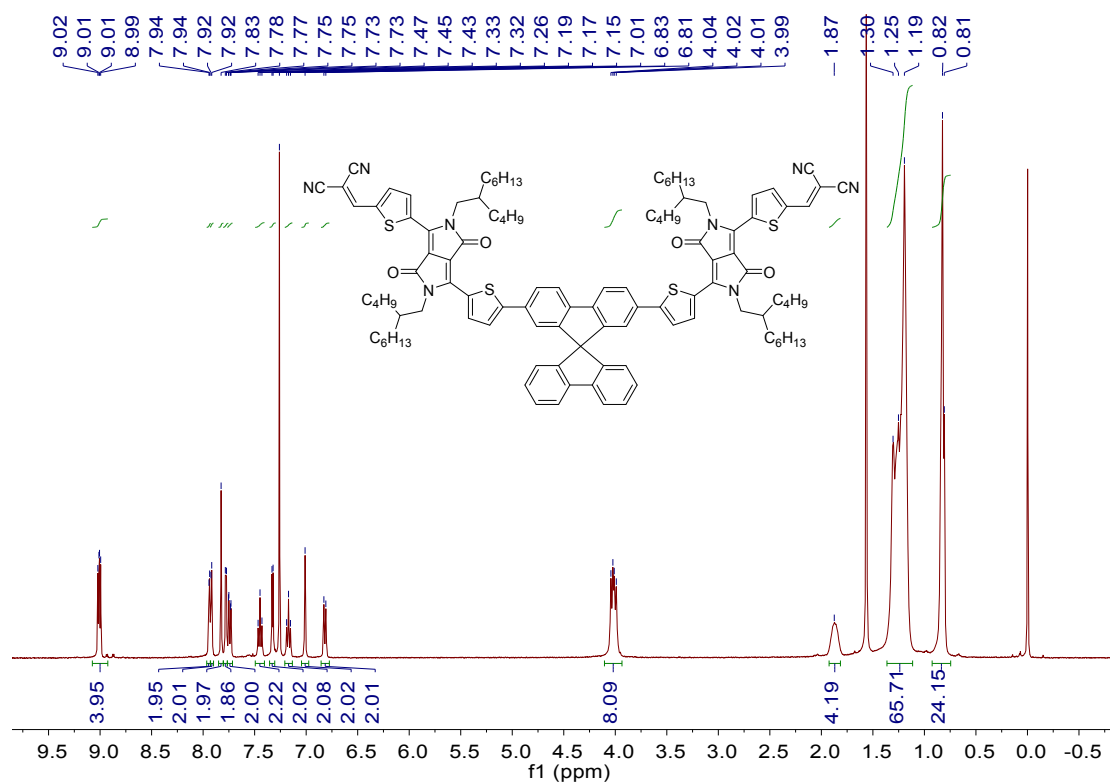


Figure S8. ^1H NMR(CDCl_3) spectrum of SBF-2DPPDCV.

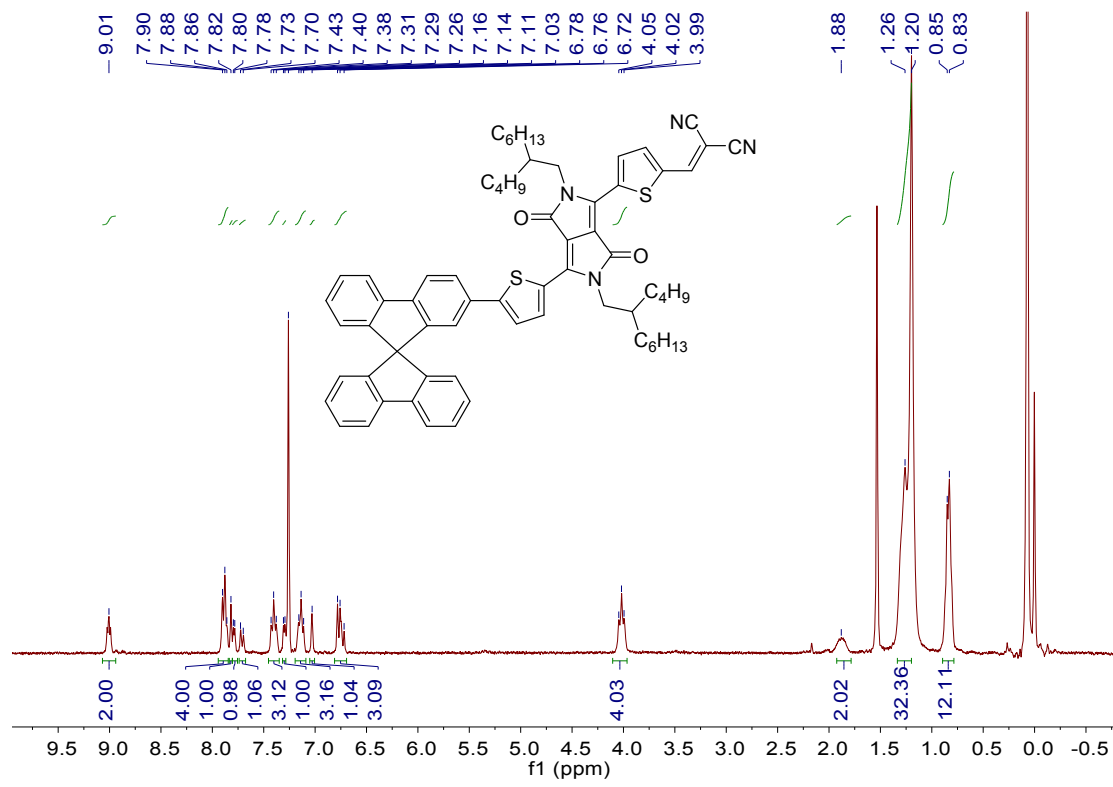


Figure S9. ¹H NMR(CDCl₃) spectrum of SBF-1DPPDCV.

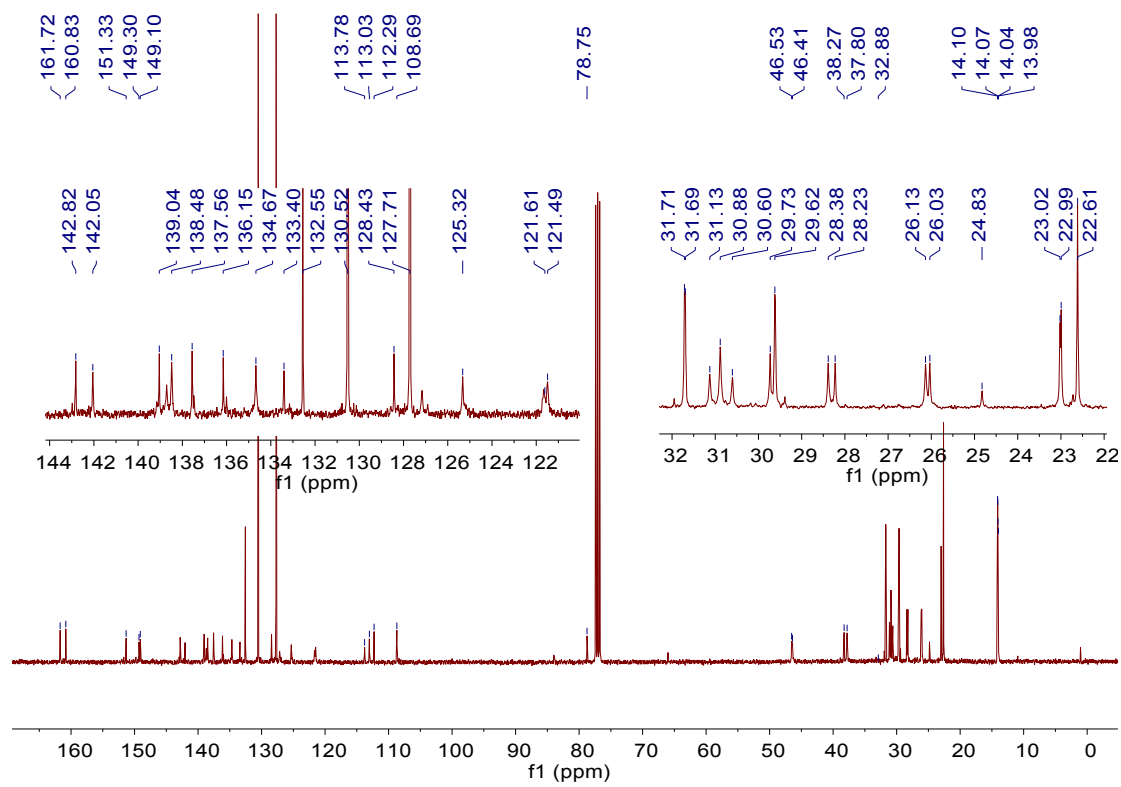


Figure S10. ^{13}C NMR(CDCl_3) spectrum of SBF-4DPPDCV.

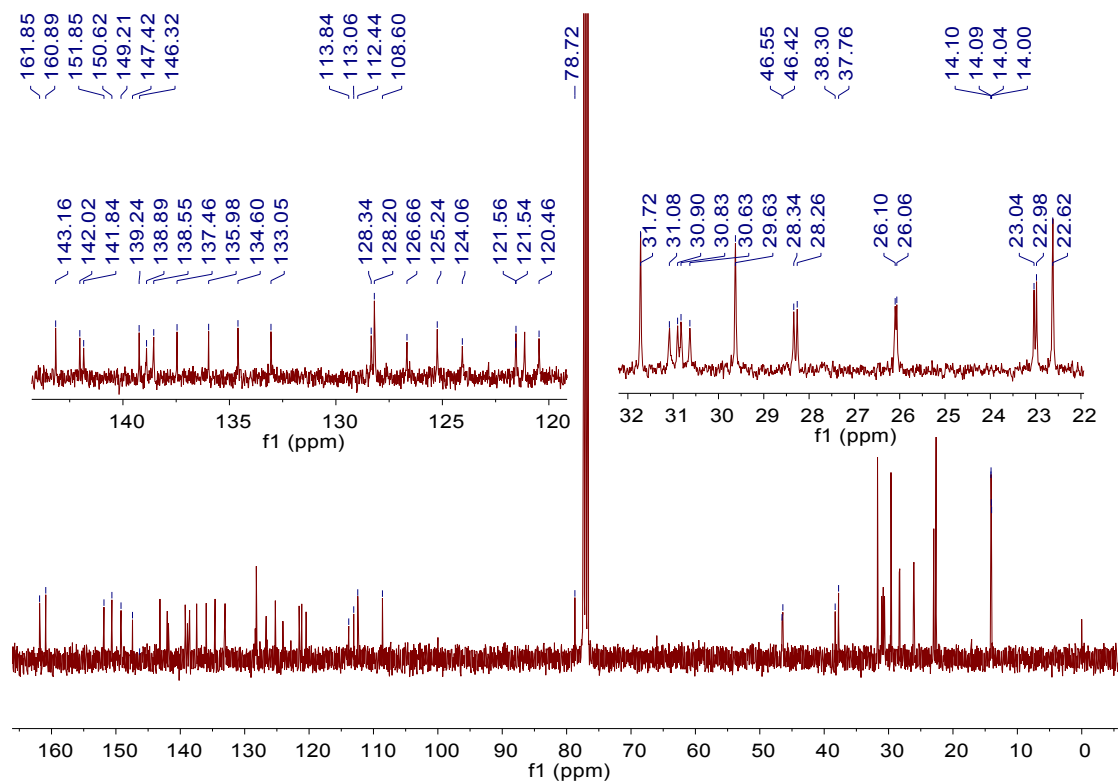


Figure S11. ^{13}C NMR(CDCl_3) spectrum of SBF-2DPPDCV.

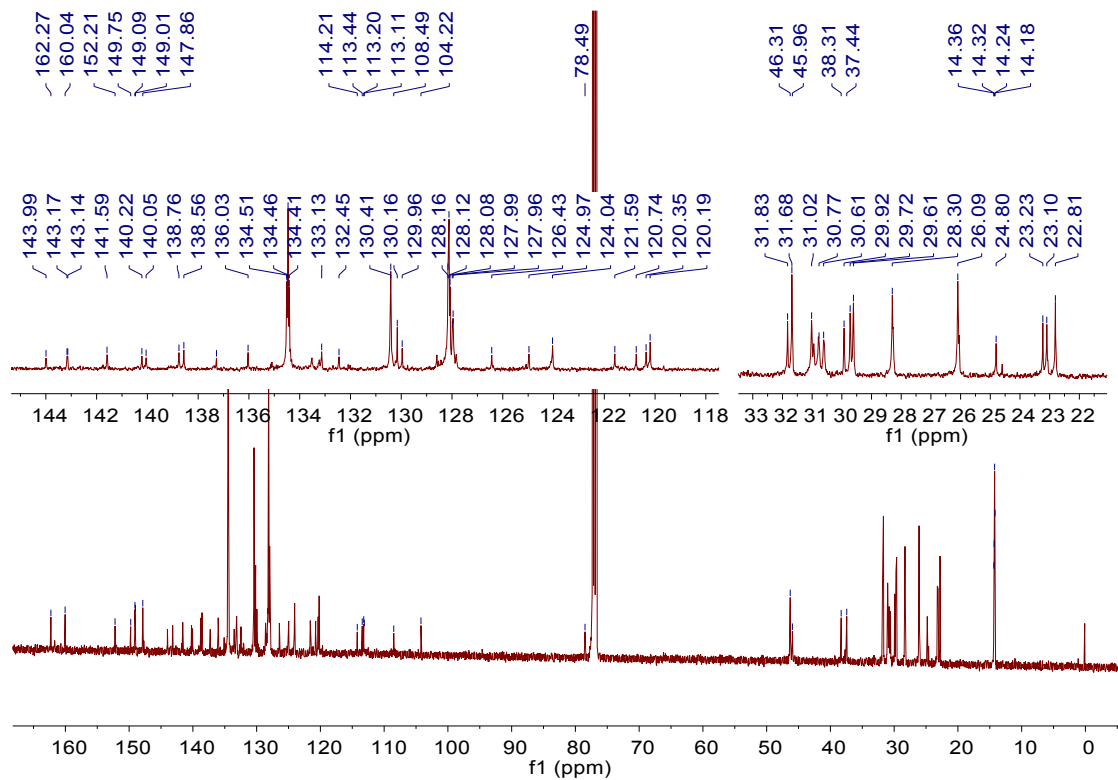


Figure S12. ^{13}C NMR(CDCl_3) spectrum of SBF-1DPPDCV.