

Supporting information for

**Highly efficient single-layer blue polymer light emitting diodes based
on hole transporting group substituted poly(fluorene-co-
dibenzothiophene-S,S-dioxide)s**

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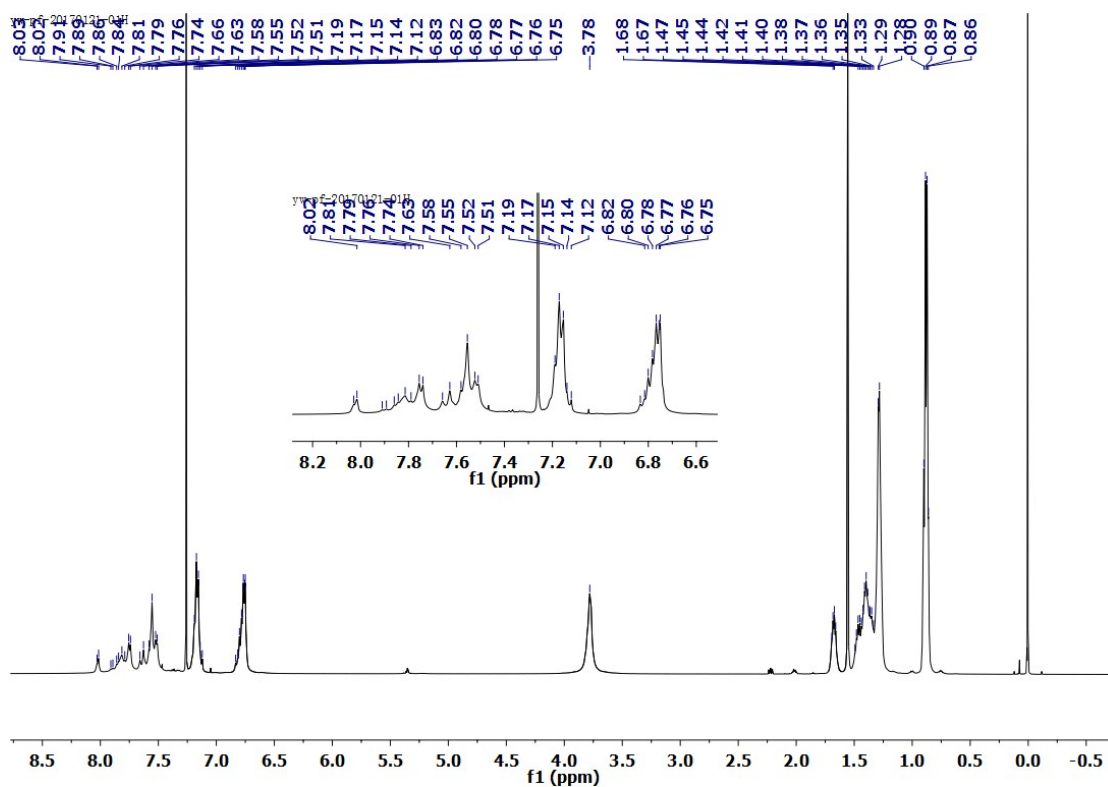


Fig S1. ^1H NMR of polymer PFSO.

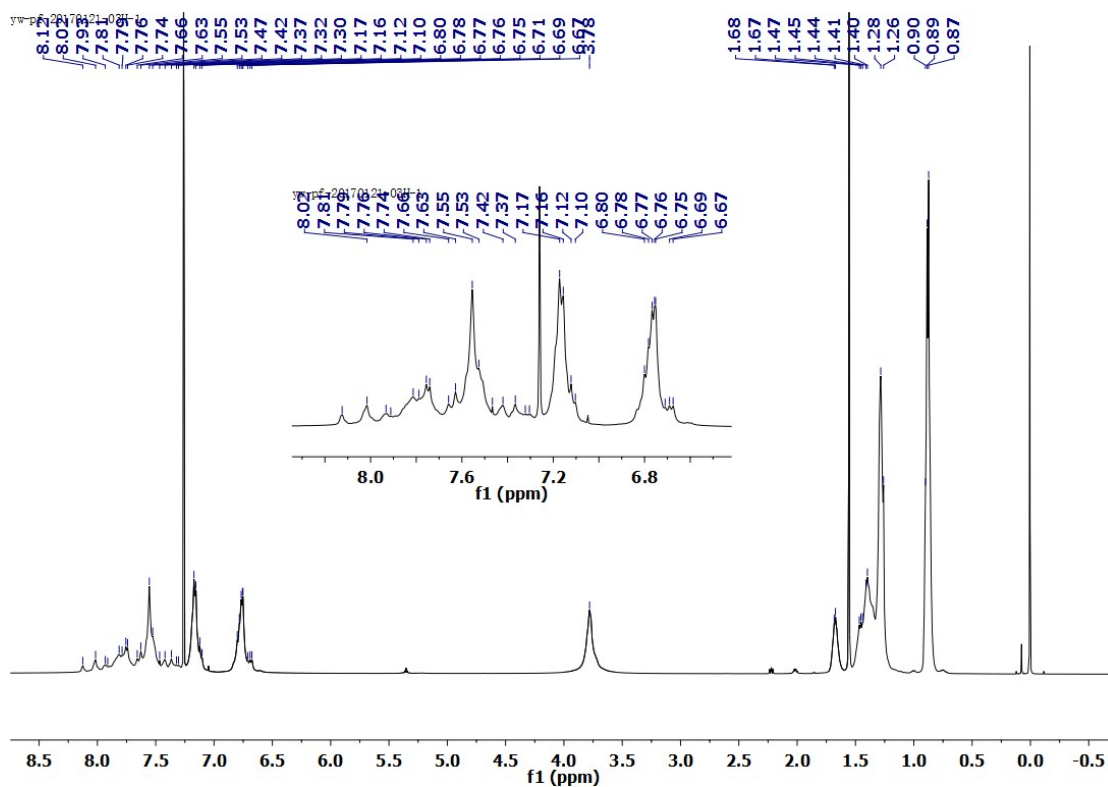


Fig S2. ^1H NMR of polymer PFSO-Cz5.

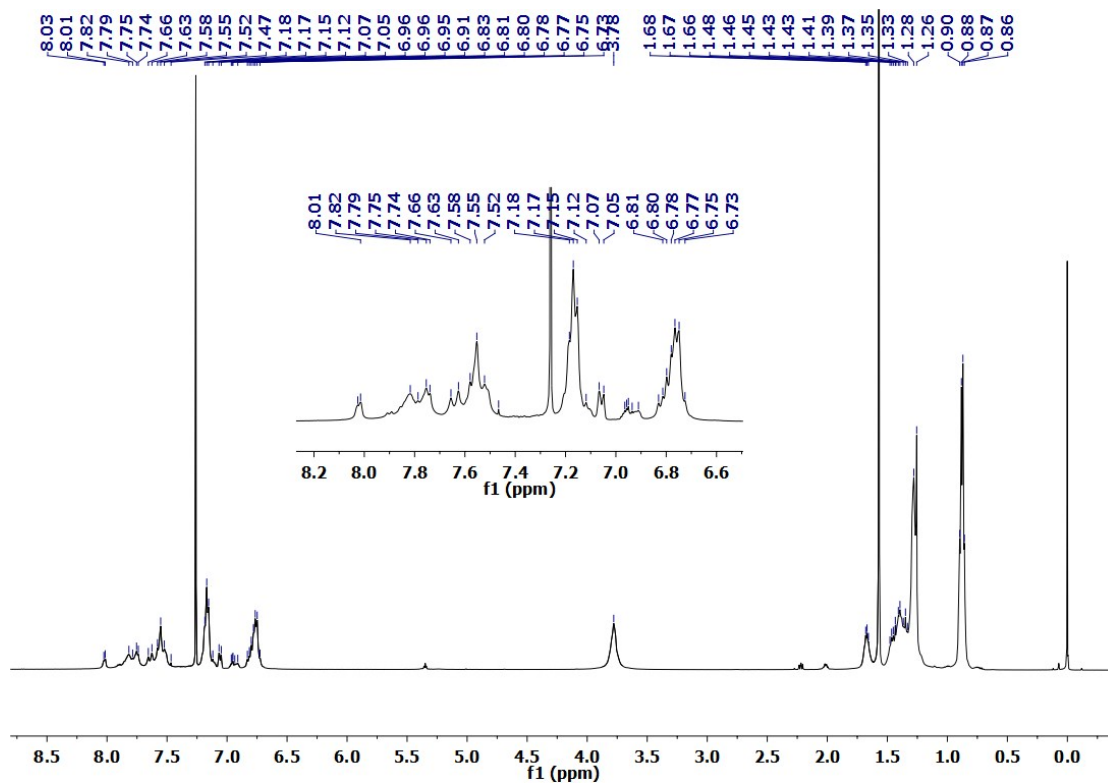


Fig S3. ^1H NMR of polymer PFSO-T5.

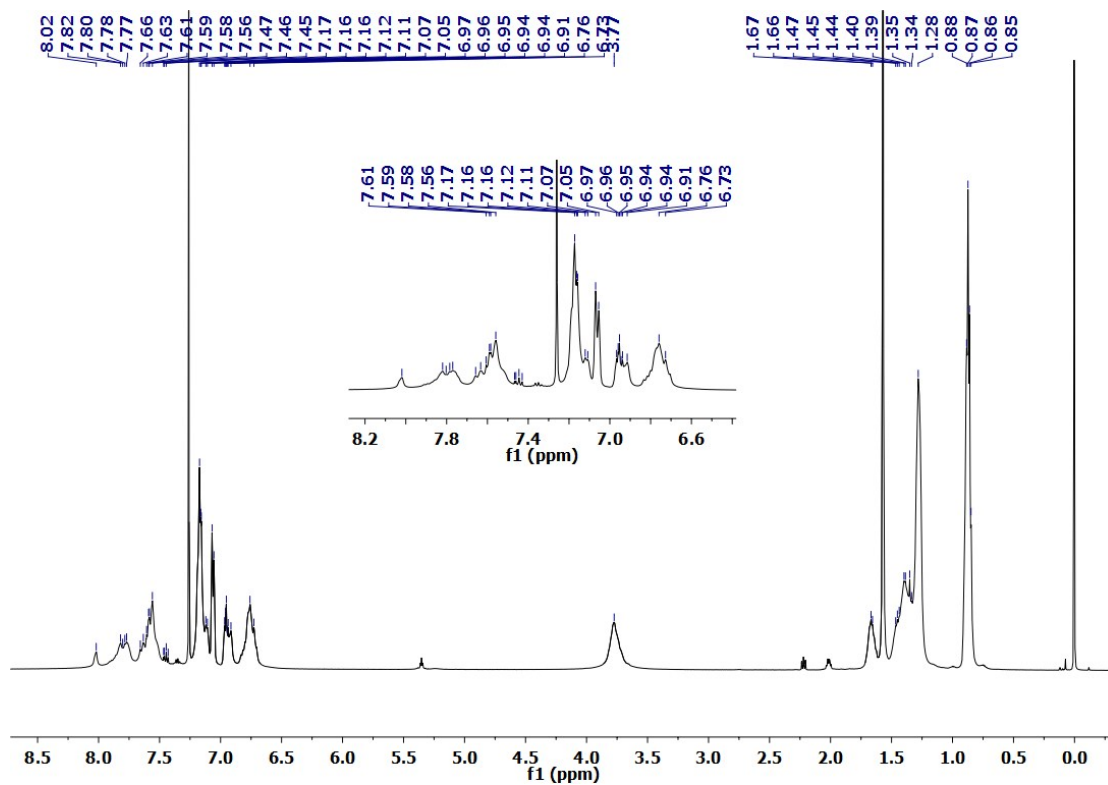


Fig S4. ^1H NMR of polymer PFSO-T20.

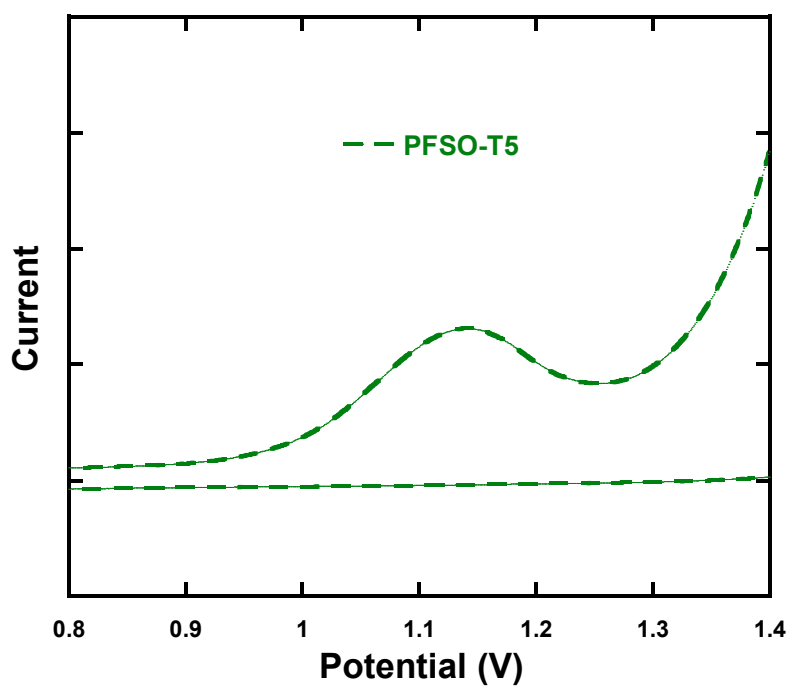


Fig S5. Enlarged CV curve of PFSO-T5.

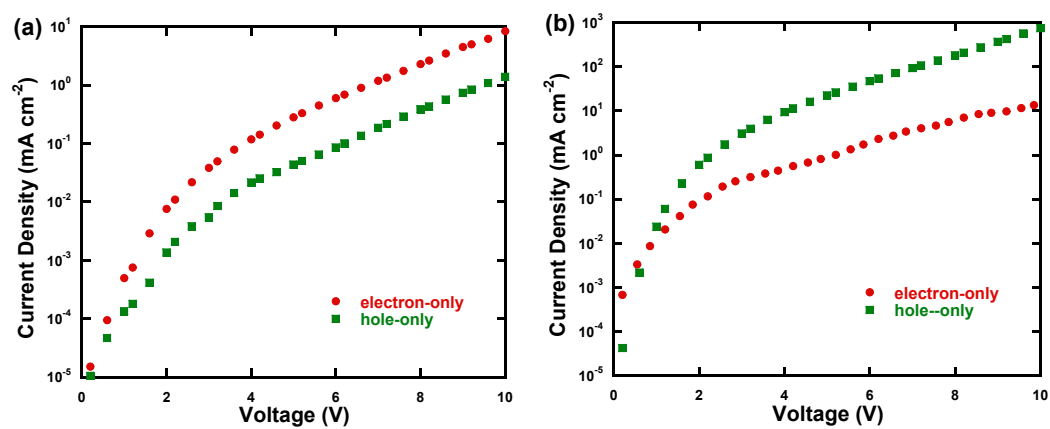


Fig S6. J-V characteristics of the electron/hole-only devices based on PFSO-Cz5 (a) and PFSO-T20 (b).

Table S1. Component of polymers.

Polymer	SO content (mol %)		FCz/FT content (mol %)	
	feed ratio	actual ratio ^a	feed ratio	actual ratio ^a
PFSO15	15	16.29	/	/
PFSO-Cz5	15	16.96	5	6.11
PFSO-T5	15	16.14	5	5.74
PFSO-T20	15	17.67	20	18.29

^a Calculated from the elemental analysis data.