

Supporting Information

Chiral 1,2-dithiine as sulfur rich electron acceptor.

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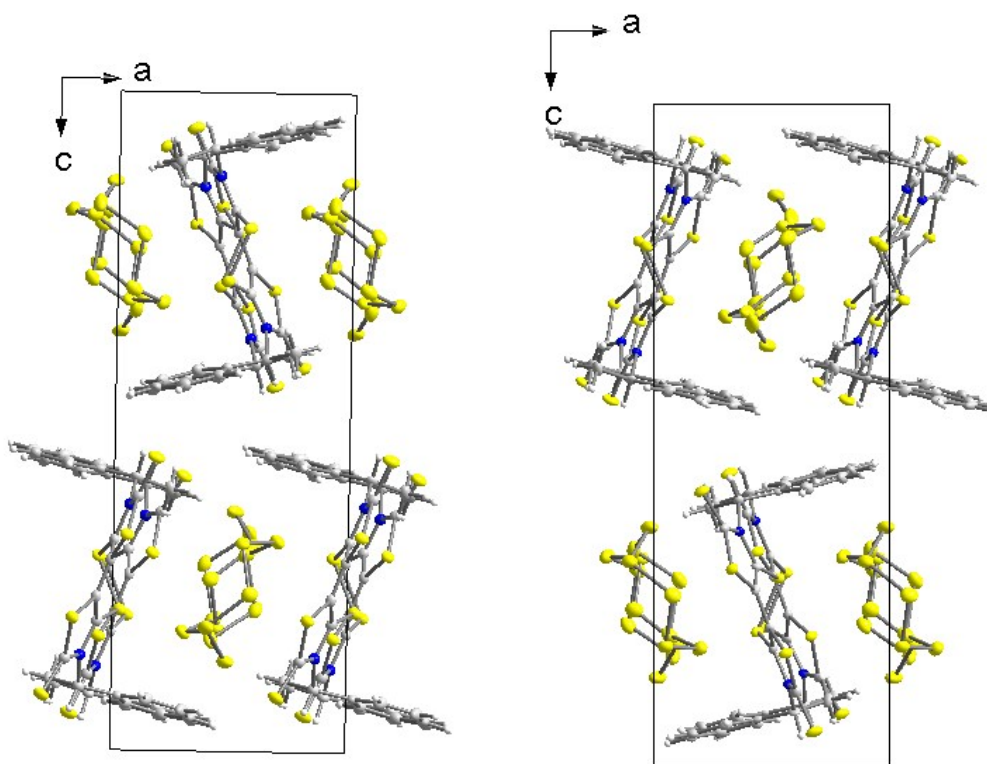


Figure S1. Projection view along *b* of the unit cell of **3**.S₈ (*R,R,M*)-**3** (right) and (*S,S,P*)-**3** (left)

- Spectro electrochemical investigation of **3**

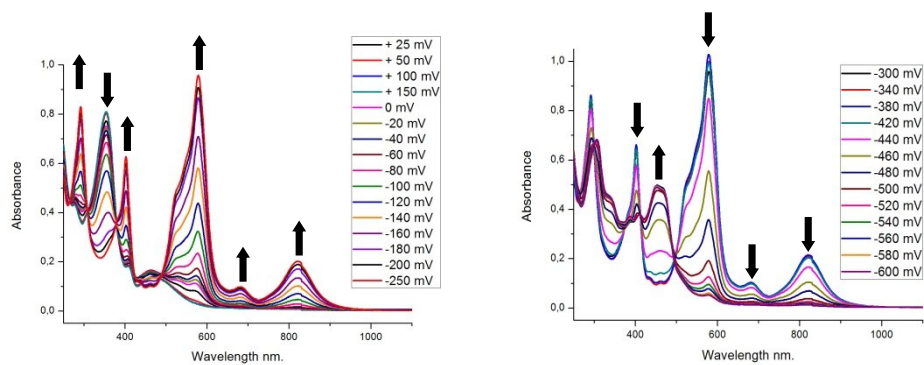


Figure S2. UV-vis-NIR monitoring from 0.15 to -0.25 V (left) and from -0.30 to -0.60 V (right) electrochemical reduction of (*S,S,P*)-**3** in 0.2M CH₂Cl₂ nBu₄NPF₆.

- ^1H and ^{13}C NMR spectra for compounds 2 and 3

Figure S3. ^1H NMR spectrum of (*R*)-2

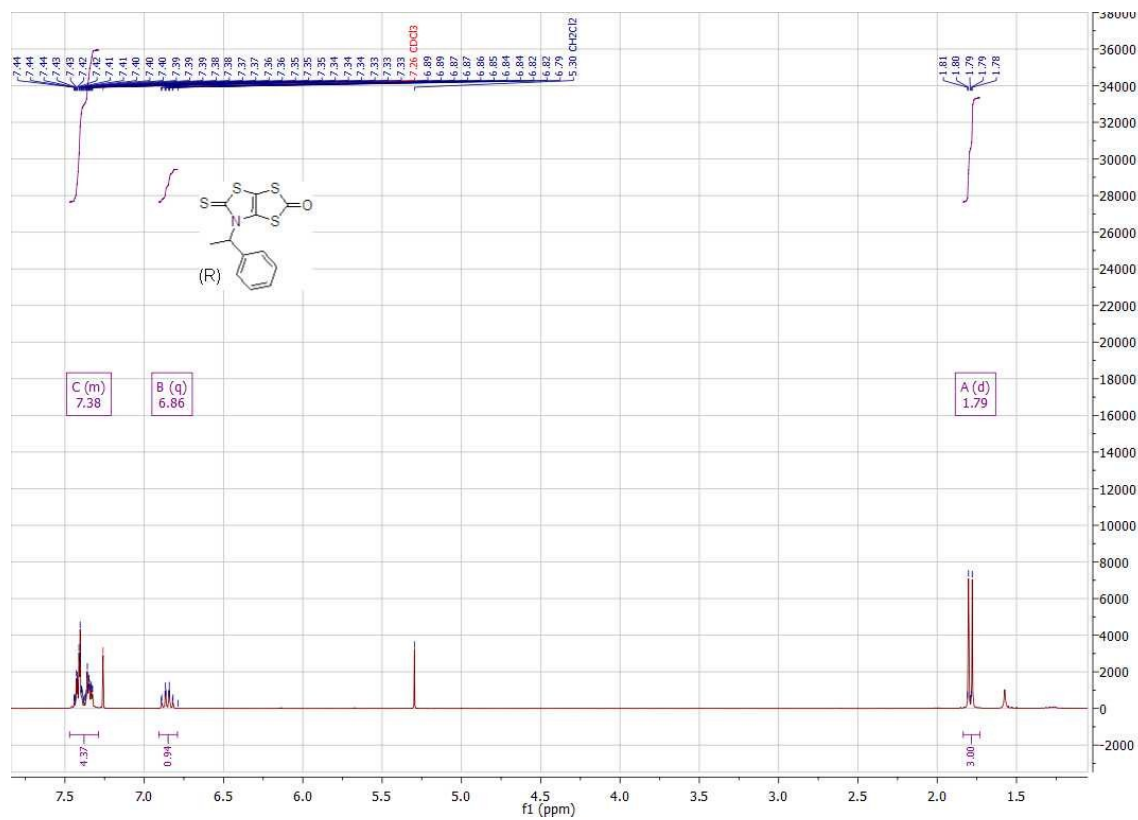


Figure S4. ^1H NMR spectrum of (*S*)-2

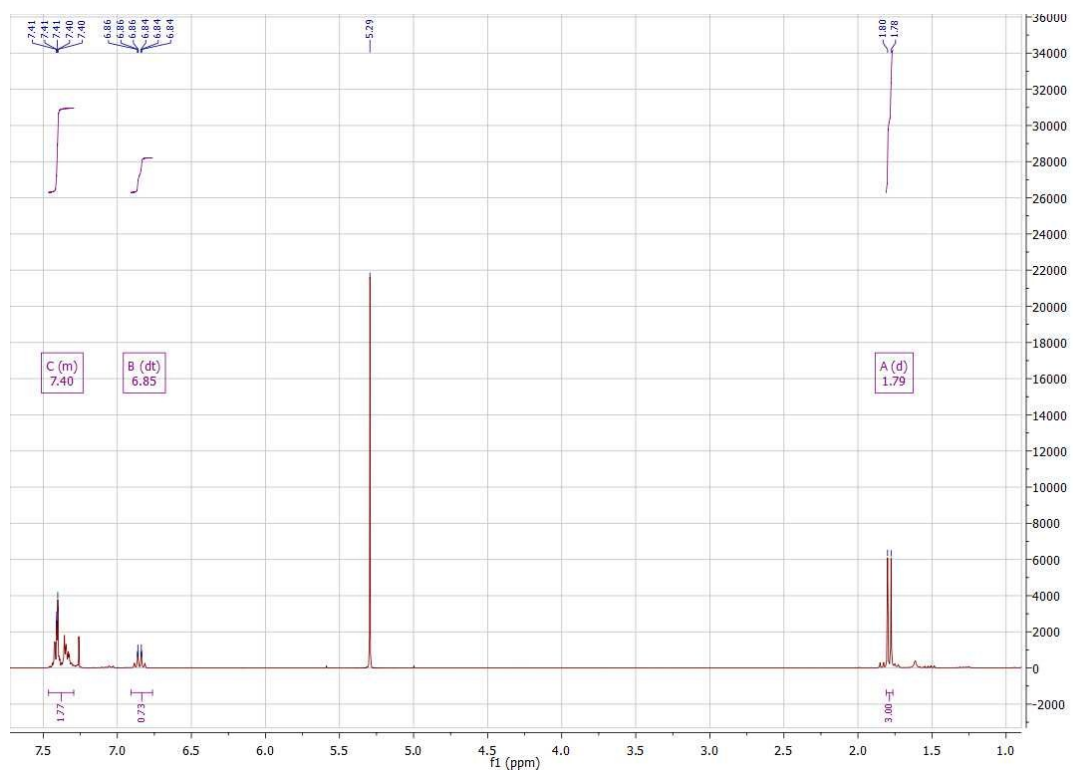


Figure S5. ^{13}C NMR spectrum of (*R*)-2

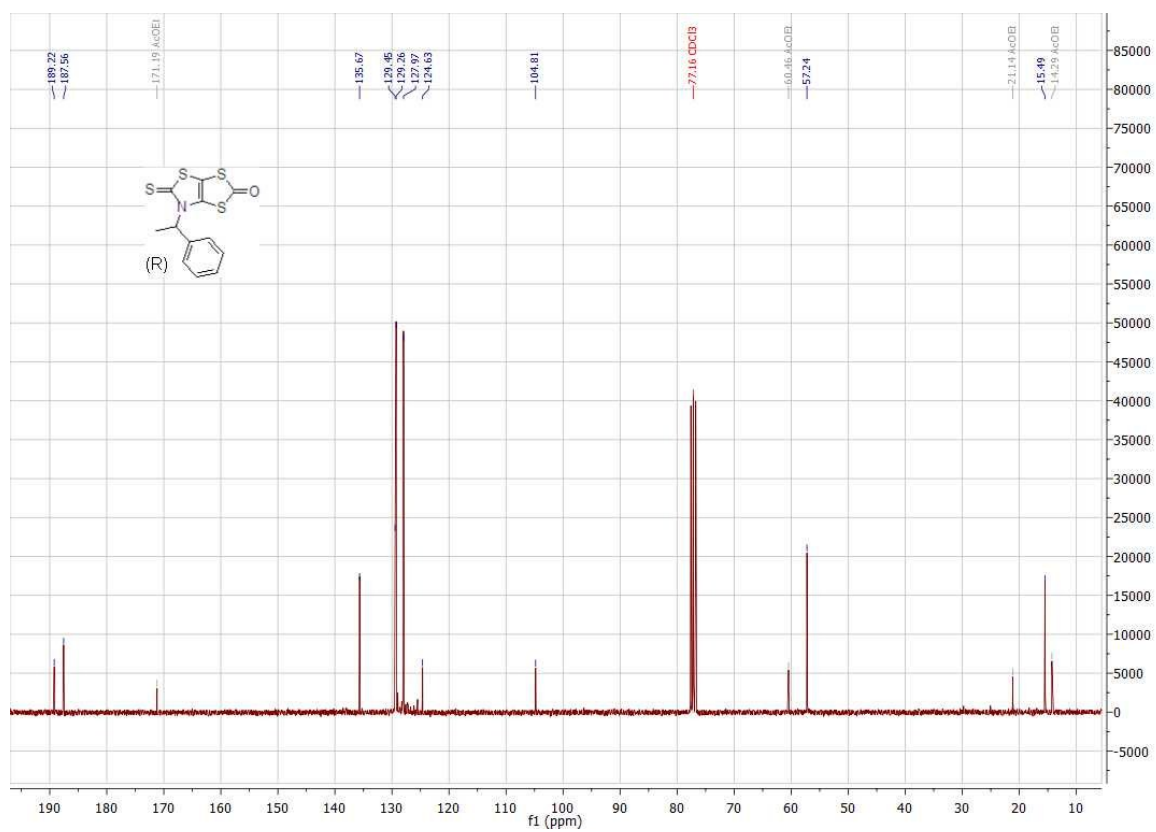


Figure S6 ^{13}C NMR spectrum of (*S*)-2

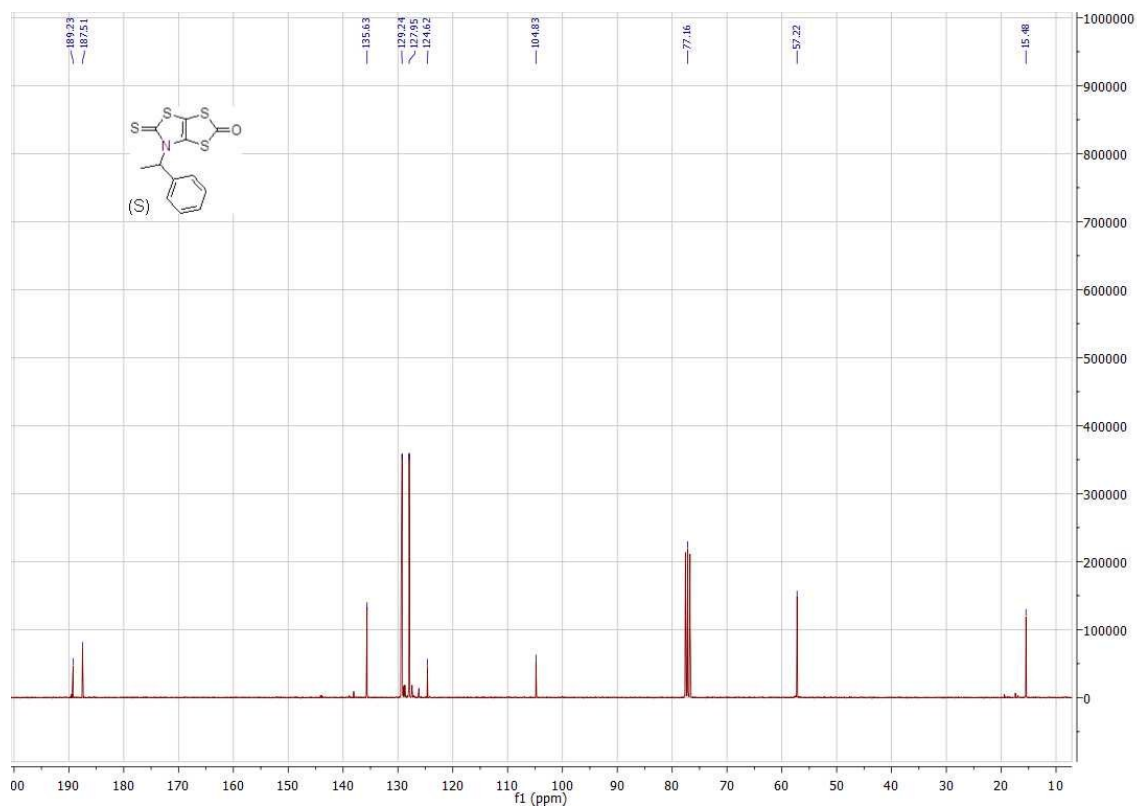


Figure S7 ^1H NMR spectrum of (*R,R*)-3

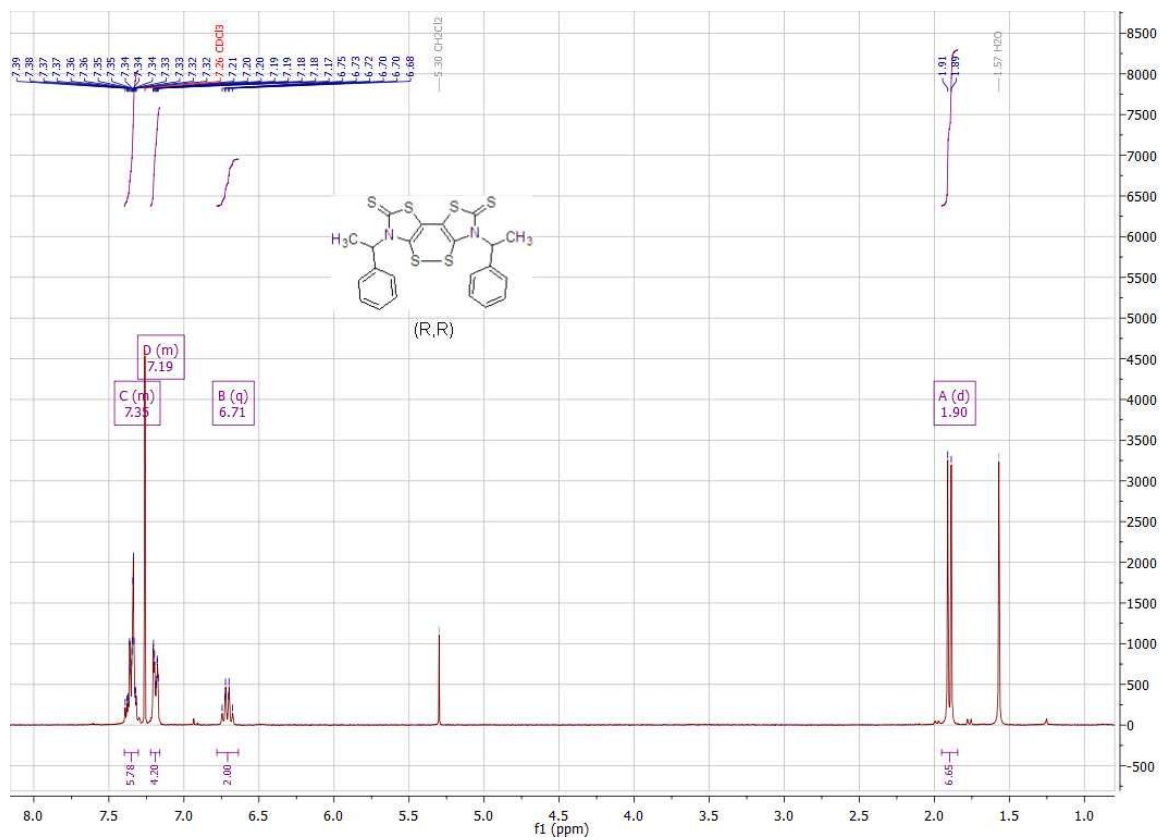


Figure S8 ^1H NMR spectrum of (*S,S*)-3

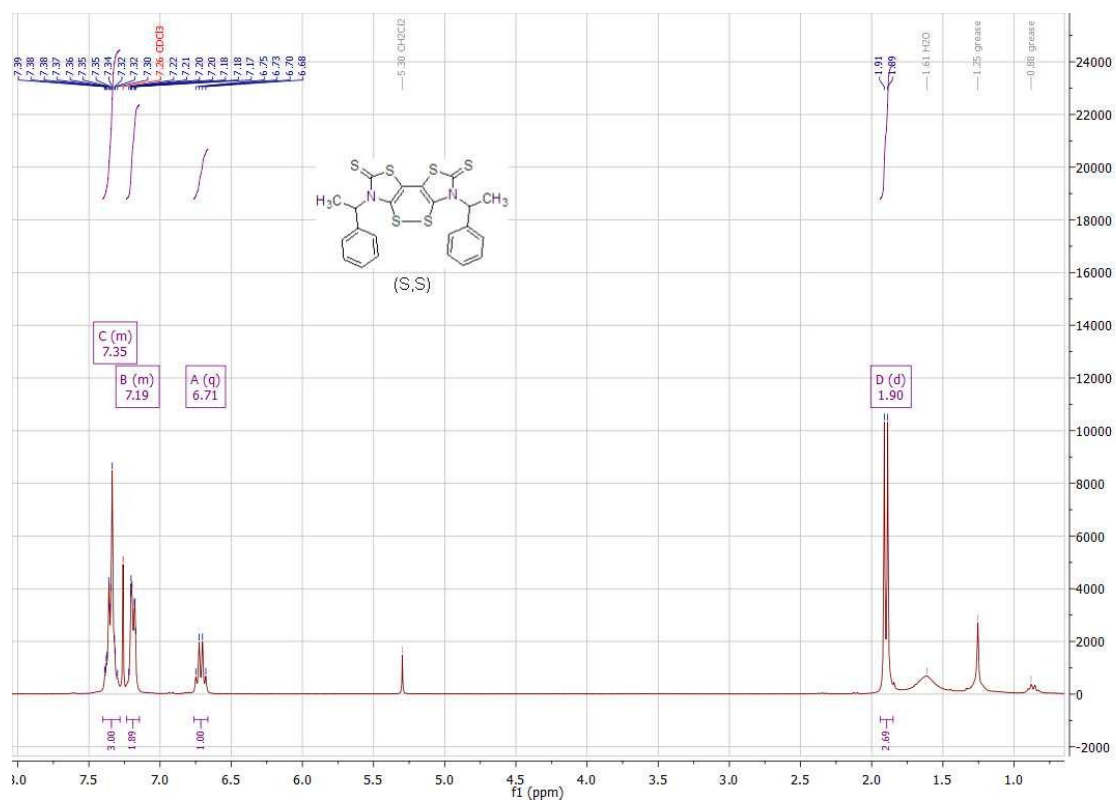


Figure S9 ^{13}C NMR spectrum of (*R,R*)-3

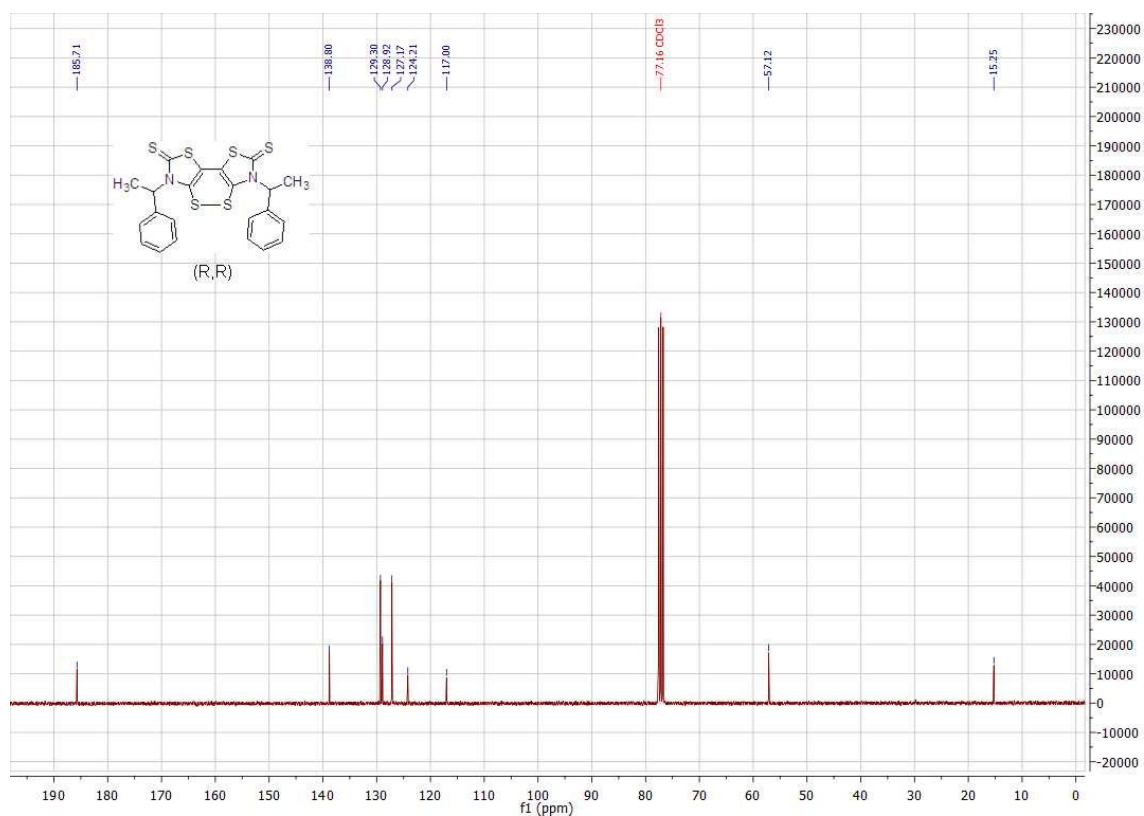


Figure S10 ^{13}C NMR spectrum of (*S,S*)-3

