

Electronic supplementary information (ESI)

Design and synthesis of self-assembled nonlinear optical multichromophore dendrimers with different acceptor

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1. Optical properties

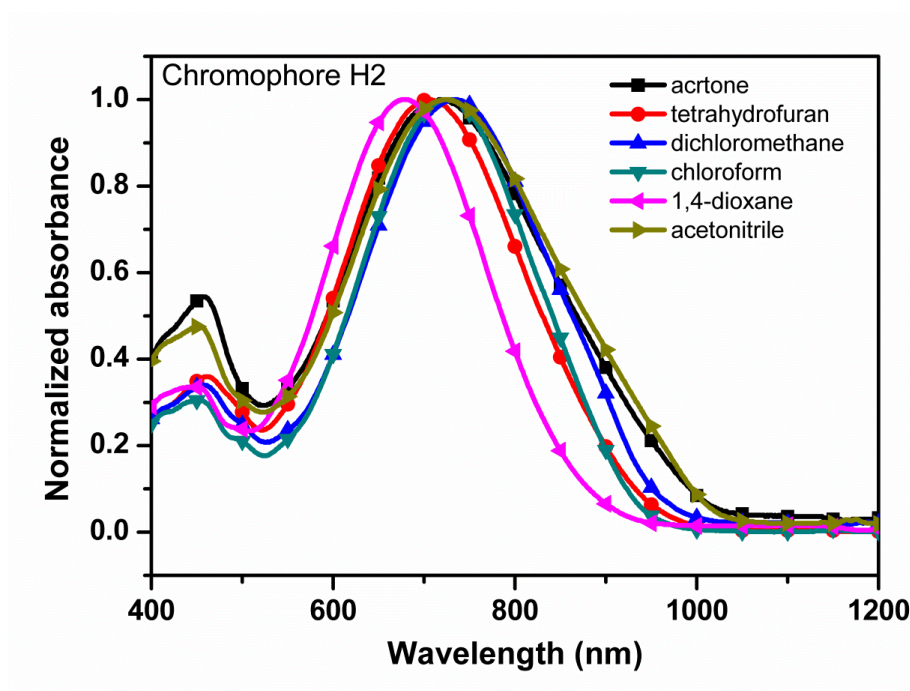


Figure S1 UV absorption spectra of chromophore H2 in six different solvents

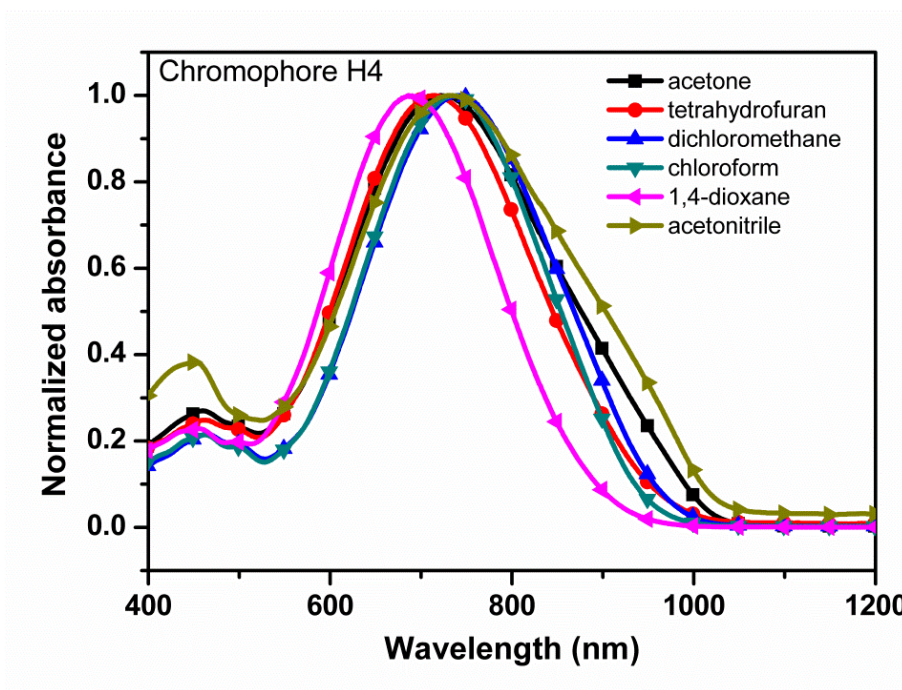


Figure S2 UV absorption spectra of chromophore H4 in six different solvents

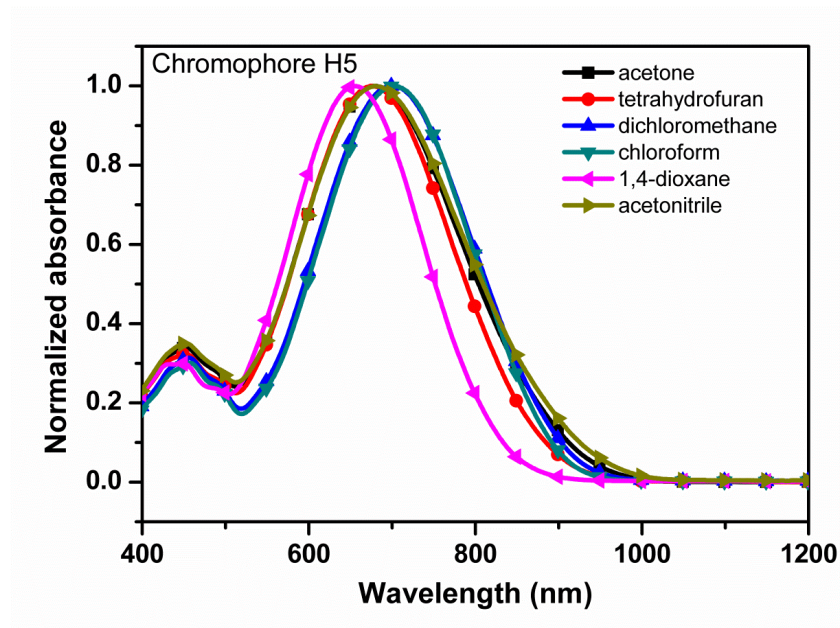


Figure S3 UV absorption spectra of chromophore H5 in six different solvents

2. Theoretical calculations

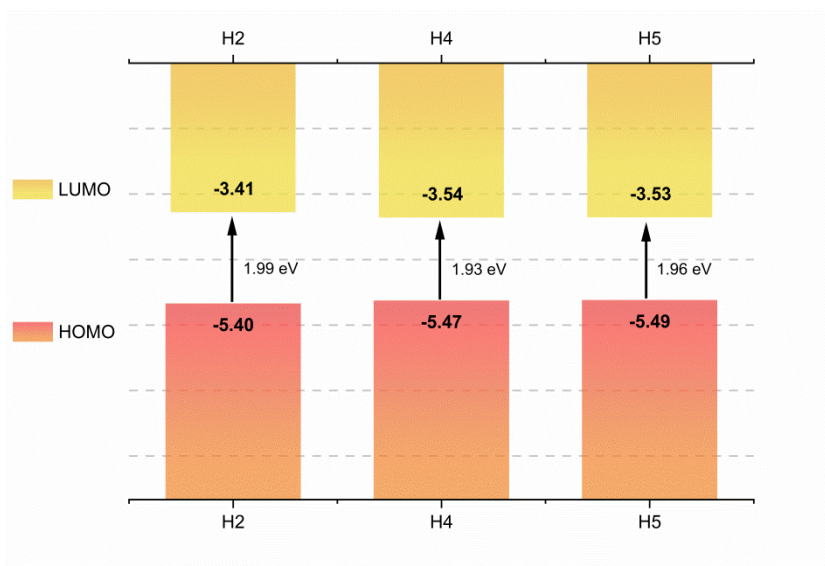


Figure S4 HOMO-LUMO energy gap ΔE for chromophores H2, H4, and H5

3. ^1H and ^{13}C NMR spectra

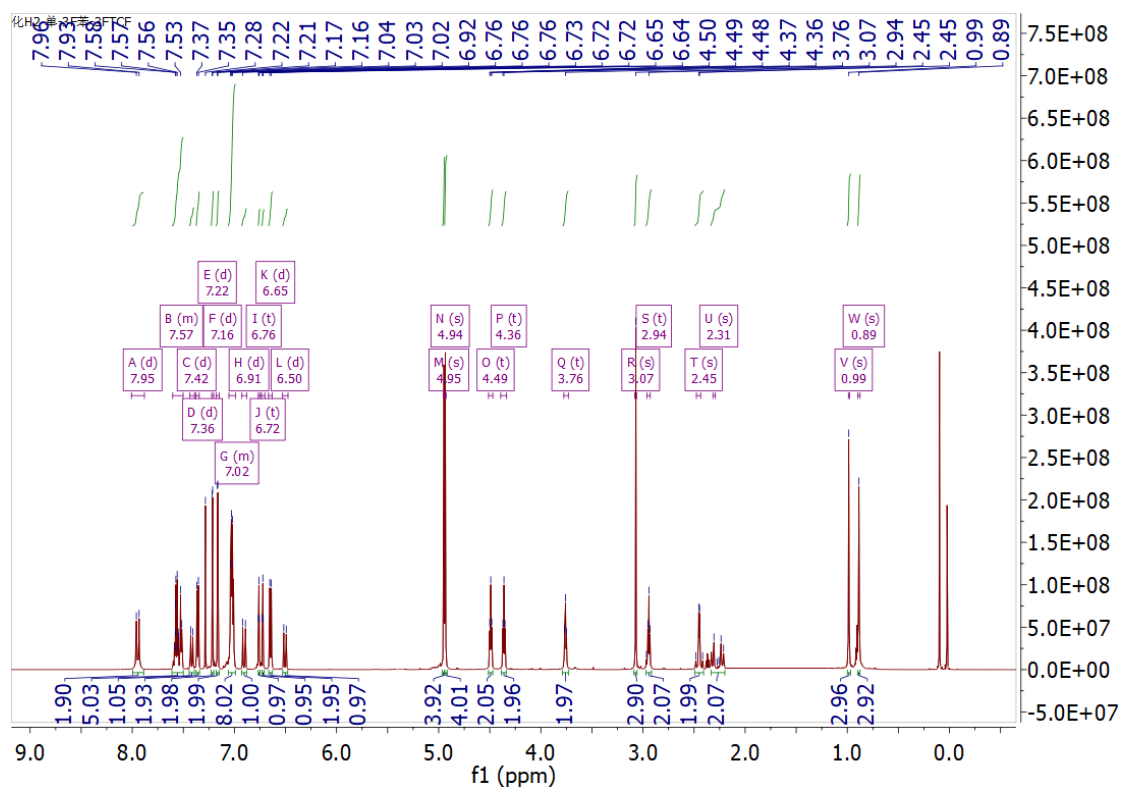


Figure S5 ^1H NMR spectra of chromophore H2

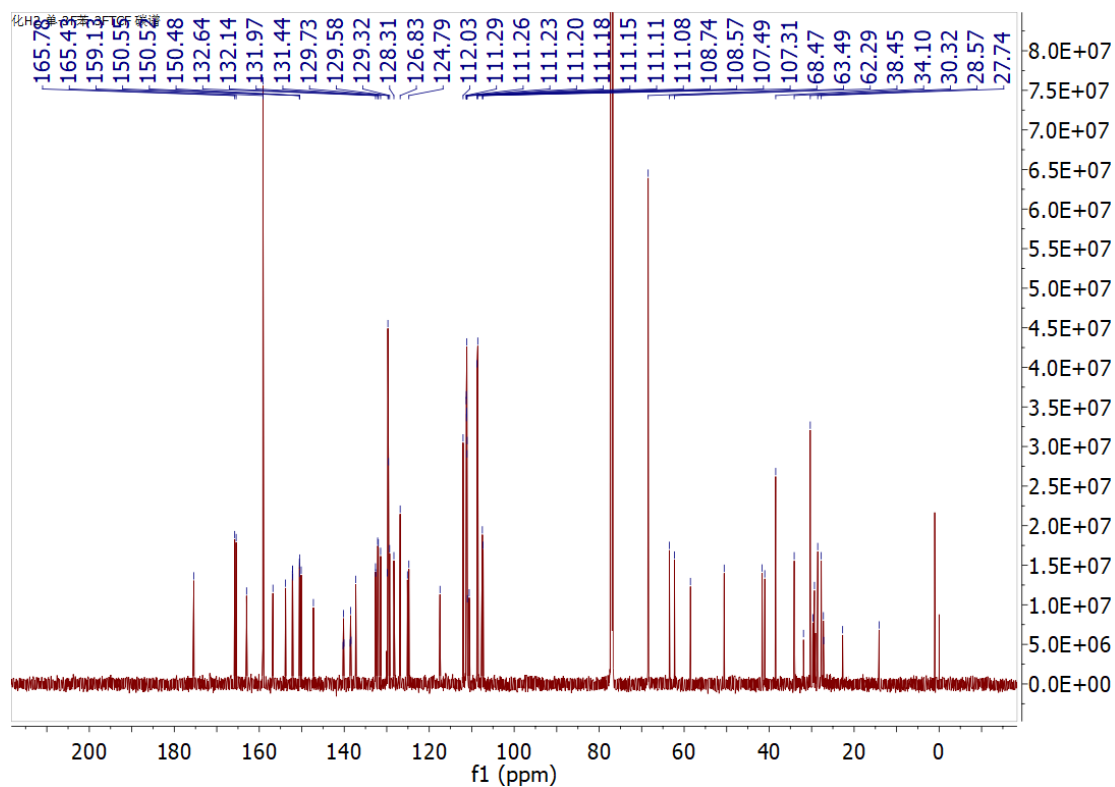


Figure S6 ^{13}C NMR spectra of chromophore H2

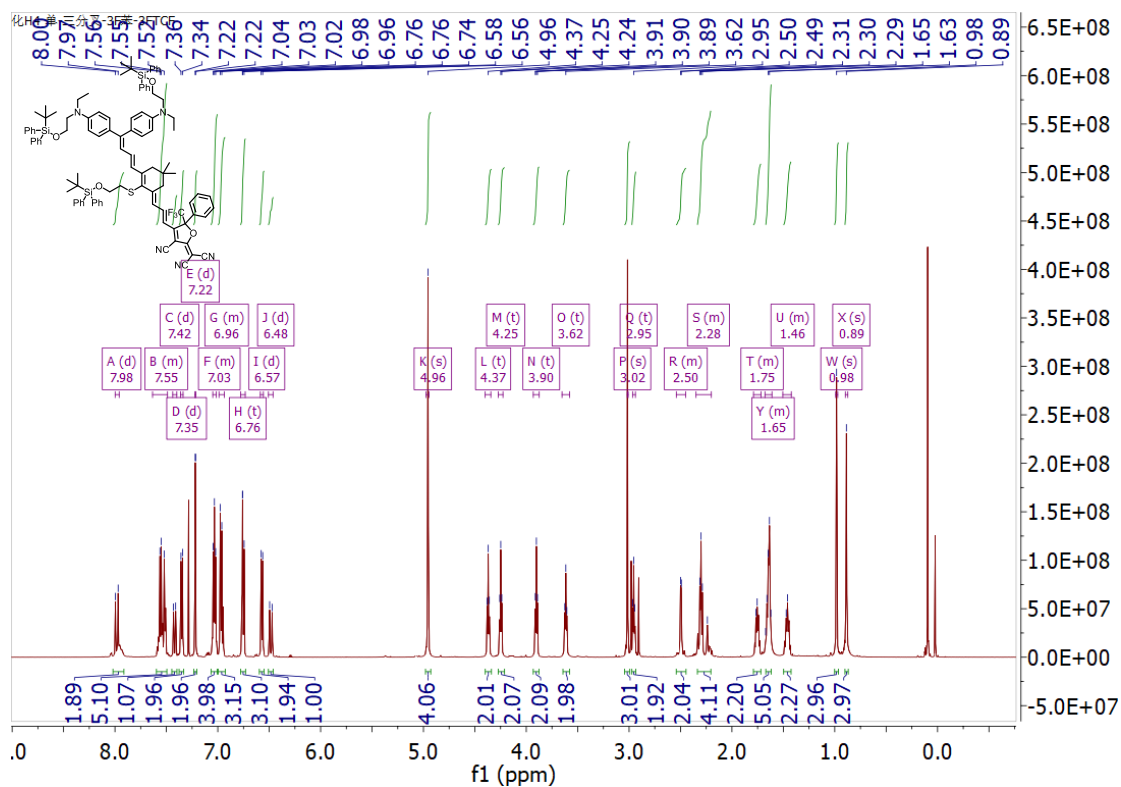


Figure S7 ^1H NMR spectra of chromophore H4

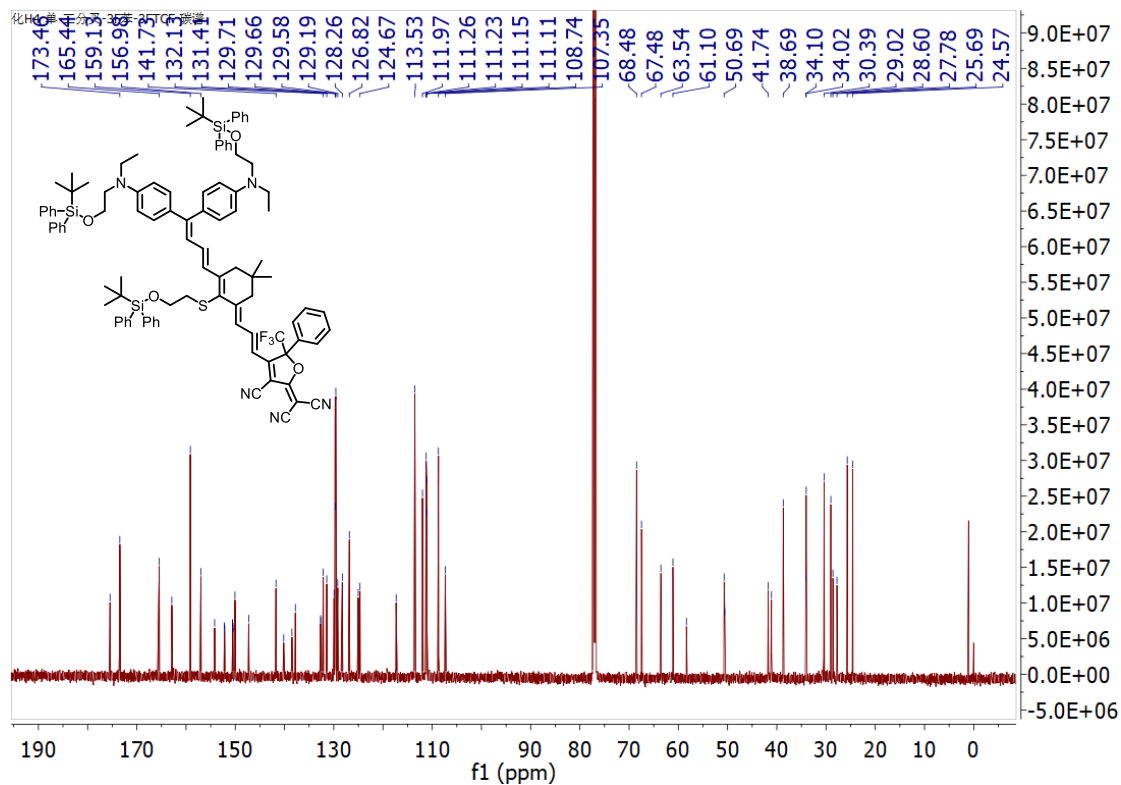


Figure S8 ^{13}C NMR spectra of chromophore H4

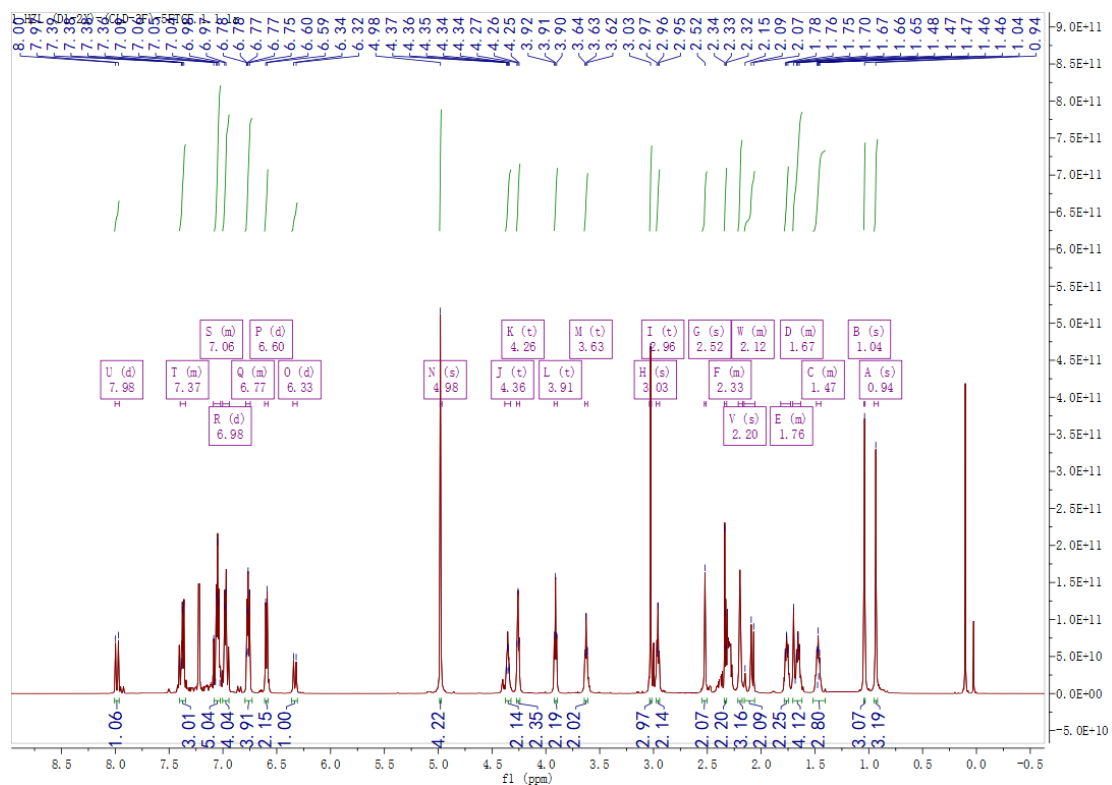


Figure S9 ^1H NMR spectra of chromophore H5

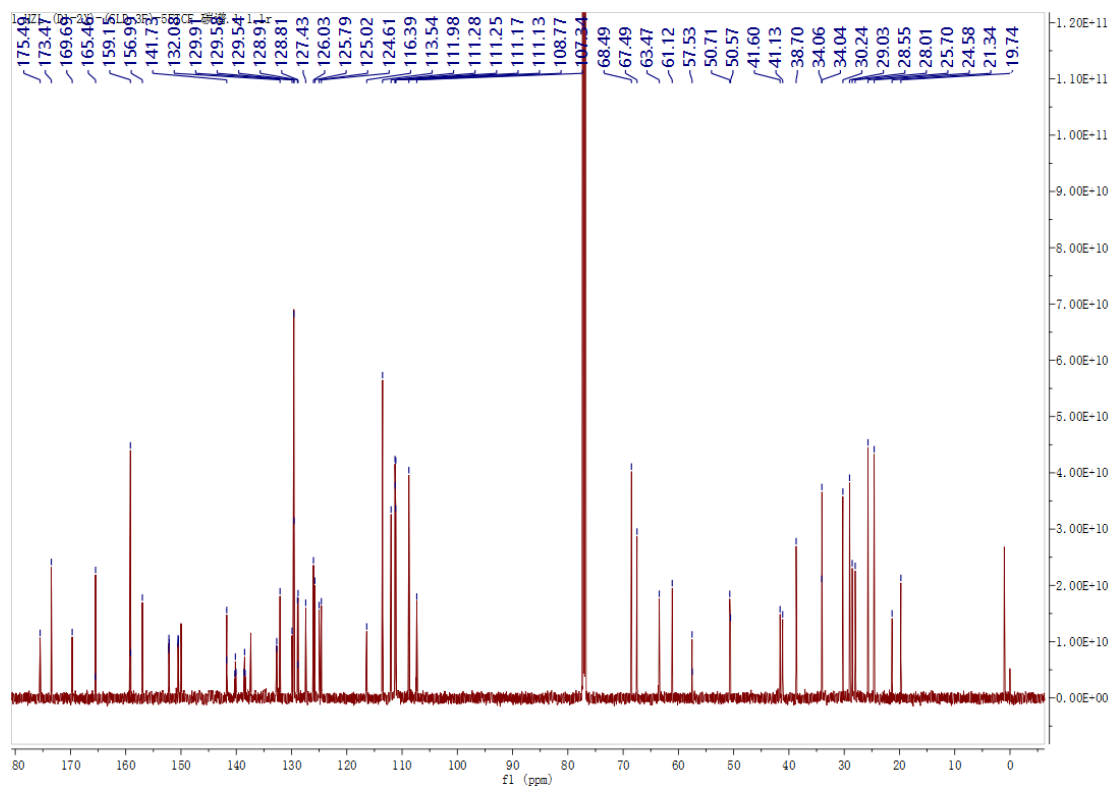


Figure S10 ^{13}C NMR spectra of chromophore **H5**