

Electronic Supporting Information

Synthesis of a dibenzo-BODIPY-incorporating phenothiazine as a panchromatic sensitizer for dye-sensitized solar cells

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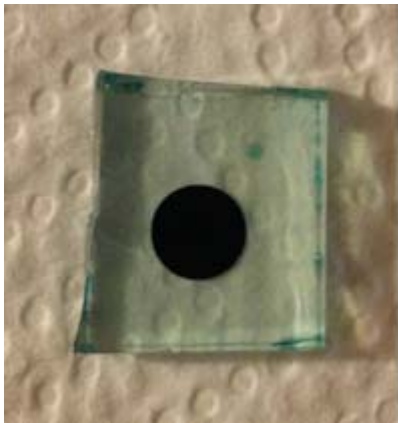


Fig. S1. Image of **1** on the TiO₂ electrode.

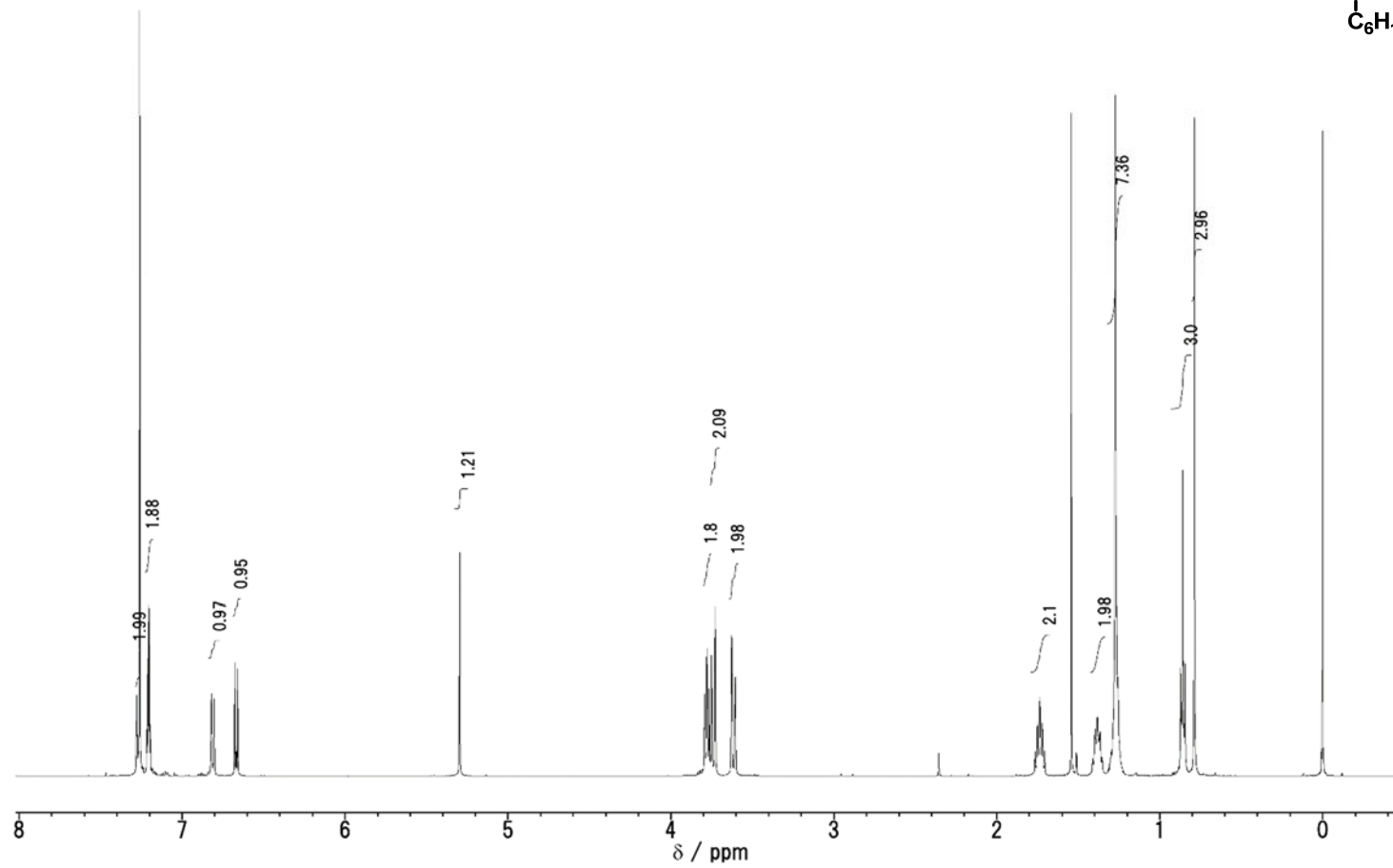
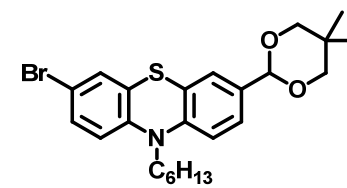


Fig. S2. ^1H NMR spectrum of 4 in CDCl_3 .

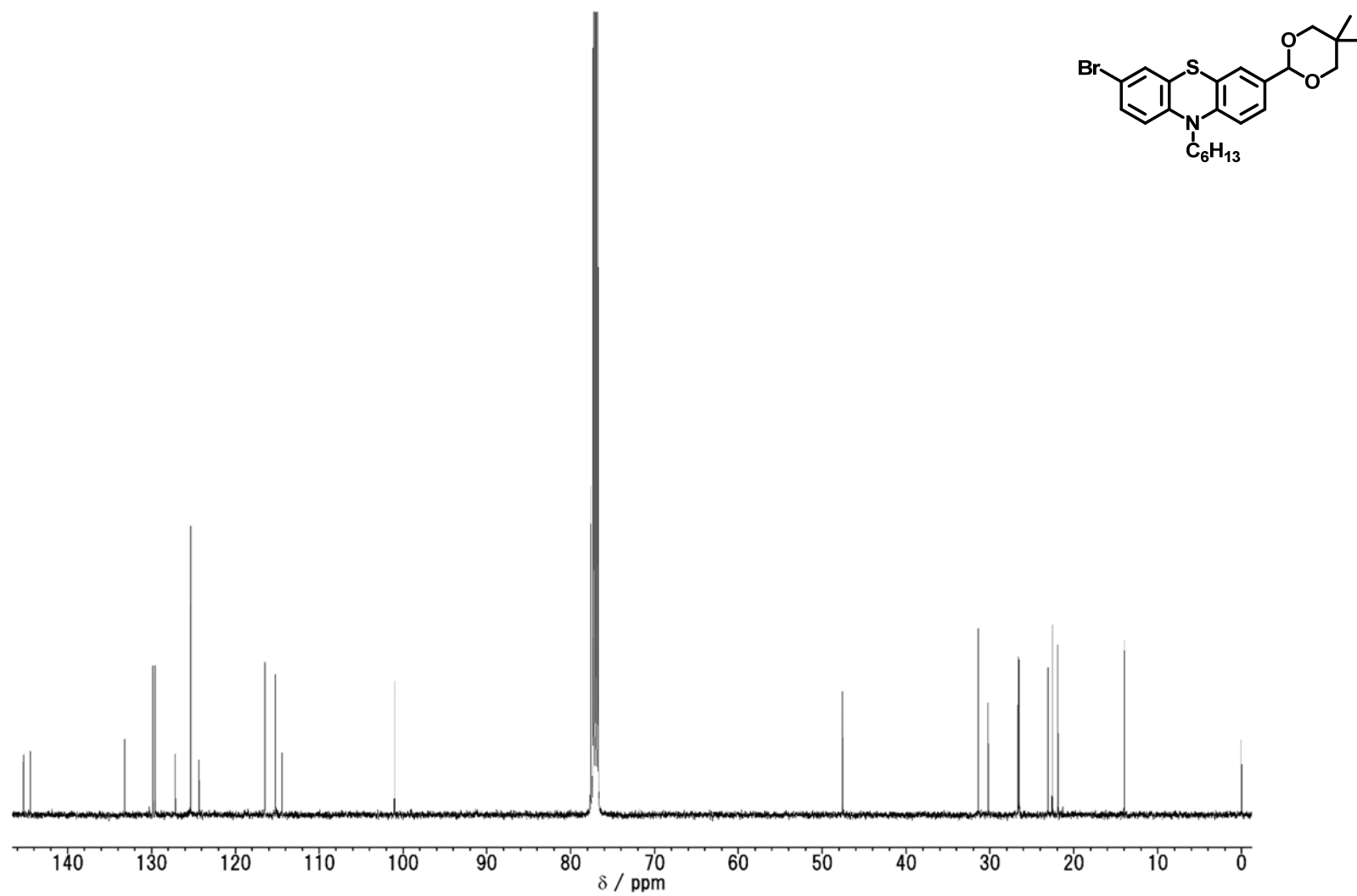


Fig. S3. ^{13}C NMR spectrum of **4** in CDCl_3 .

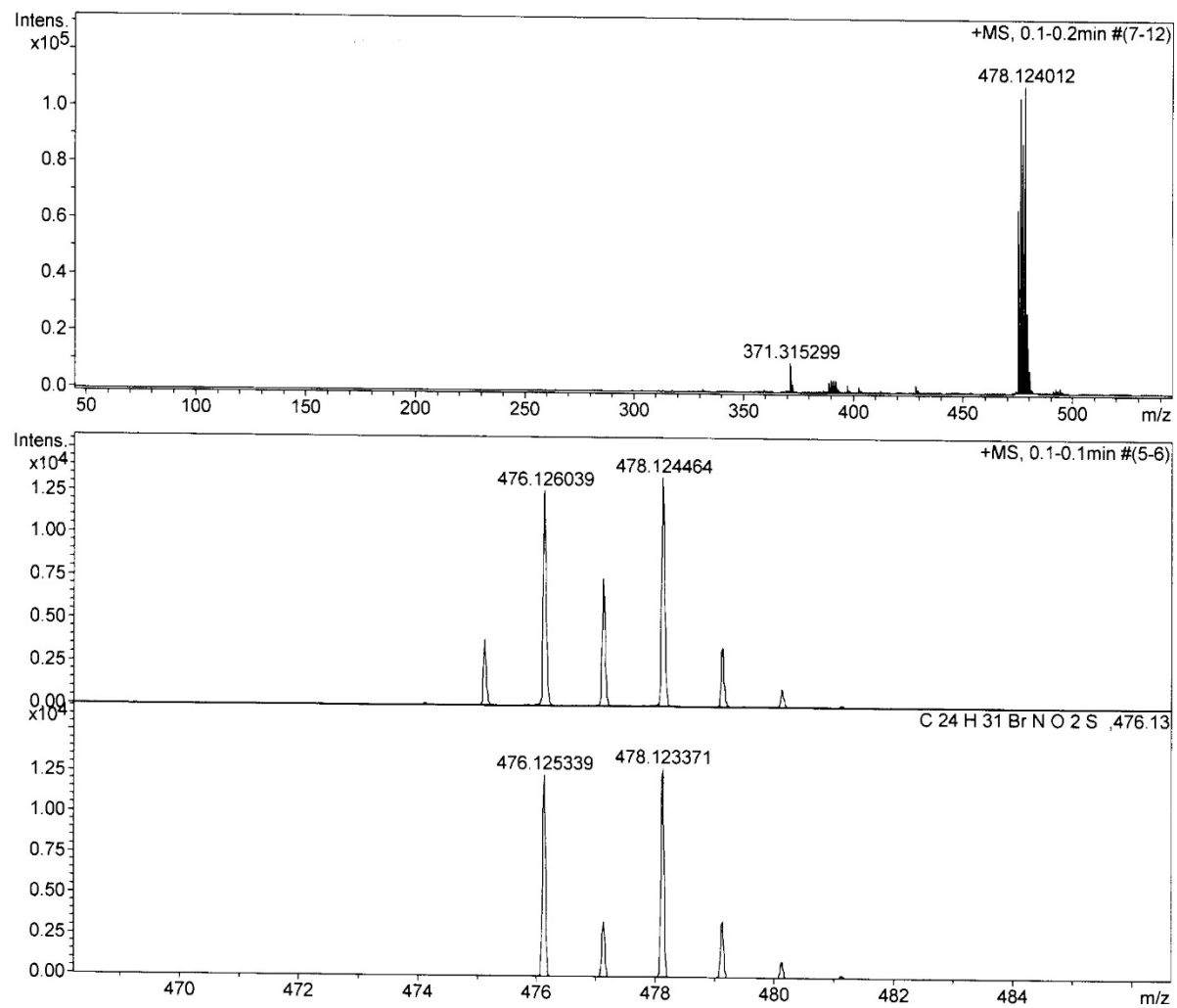


Fig. S4. APCI HRMS (positive mode) of 4.

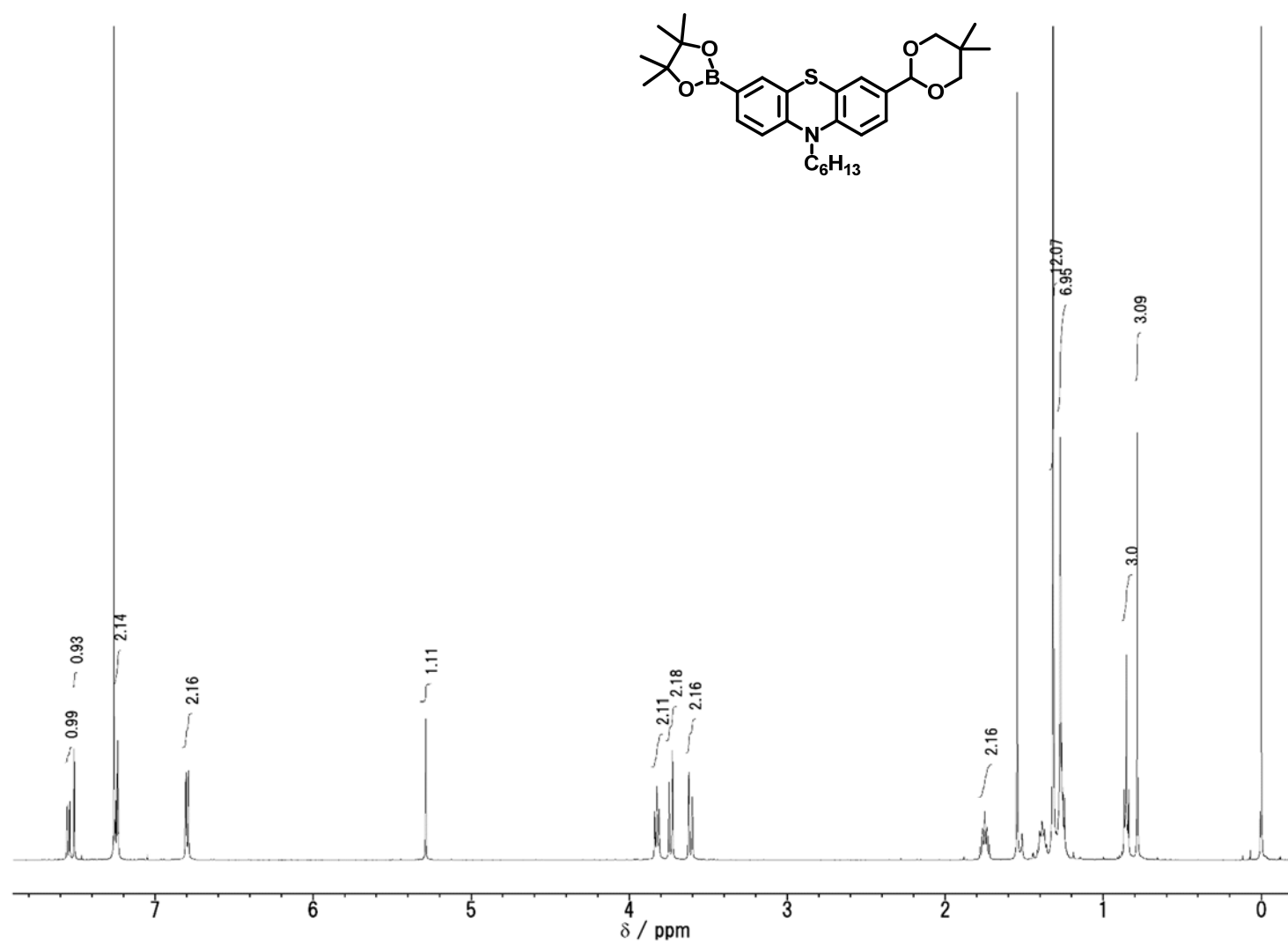


Fig. S5. ¹H NMR spectrum of **5** in CDCl₃.

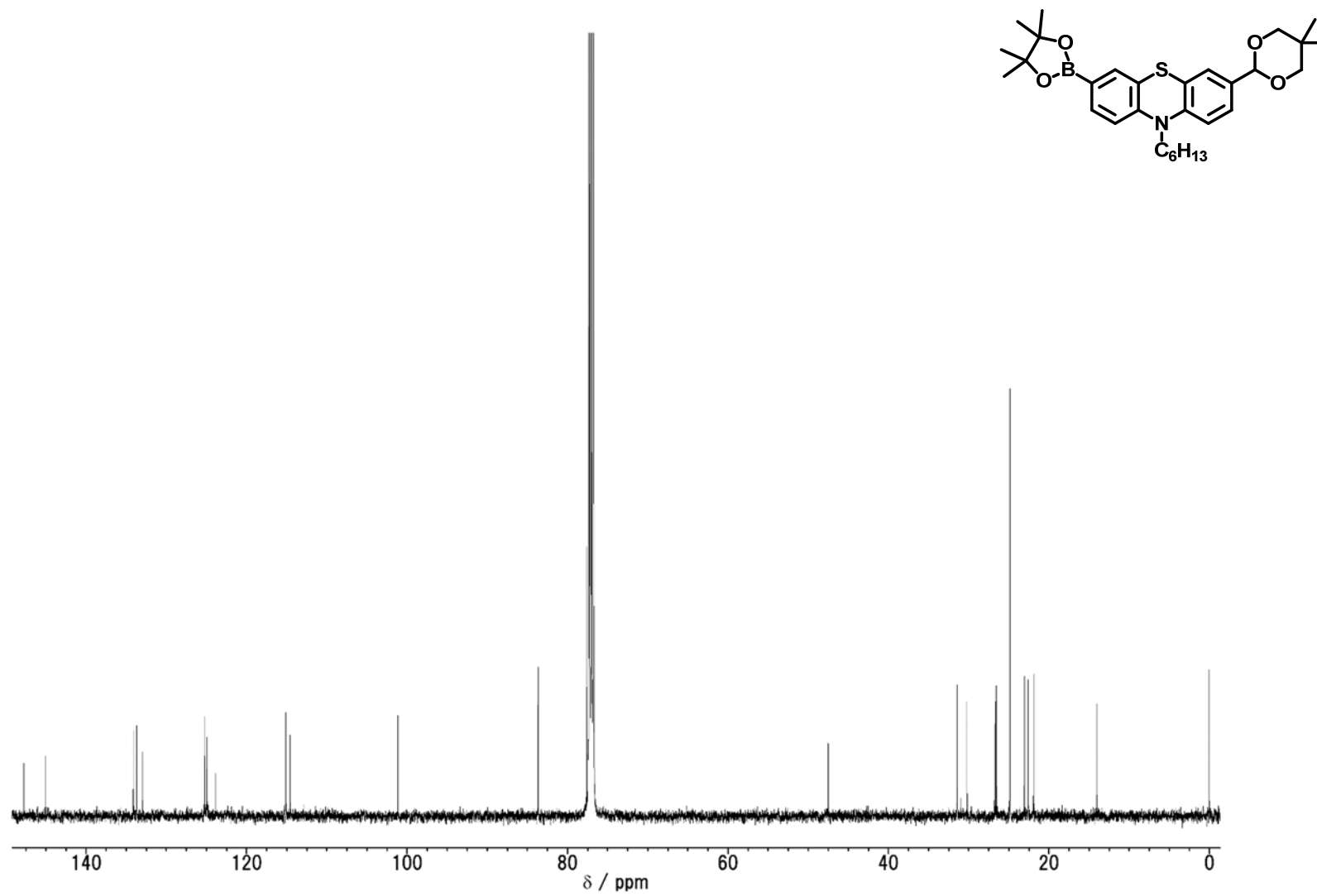


Fig. S6. ^{13}C NMR spectrum of **5** in CDCl_3 .

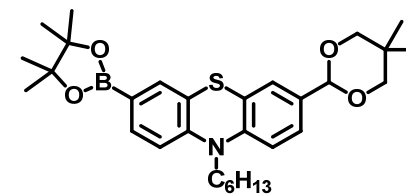
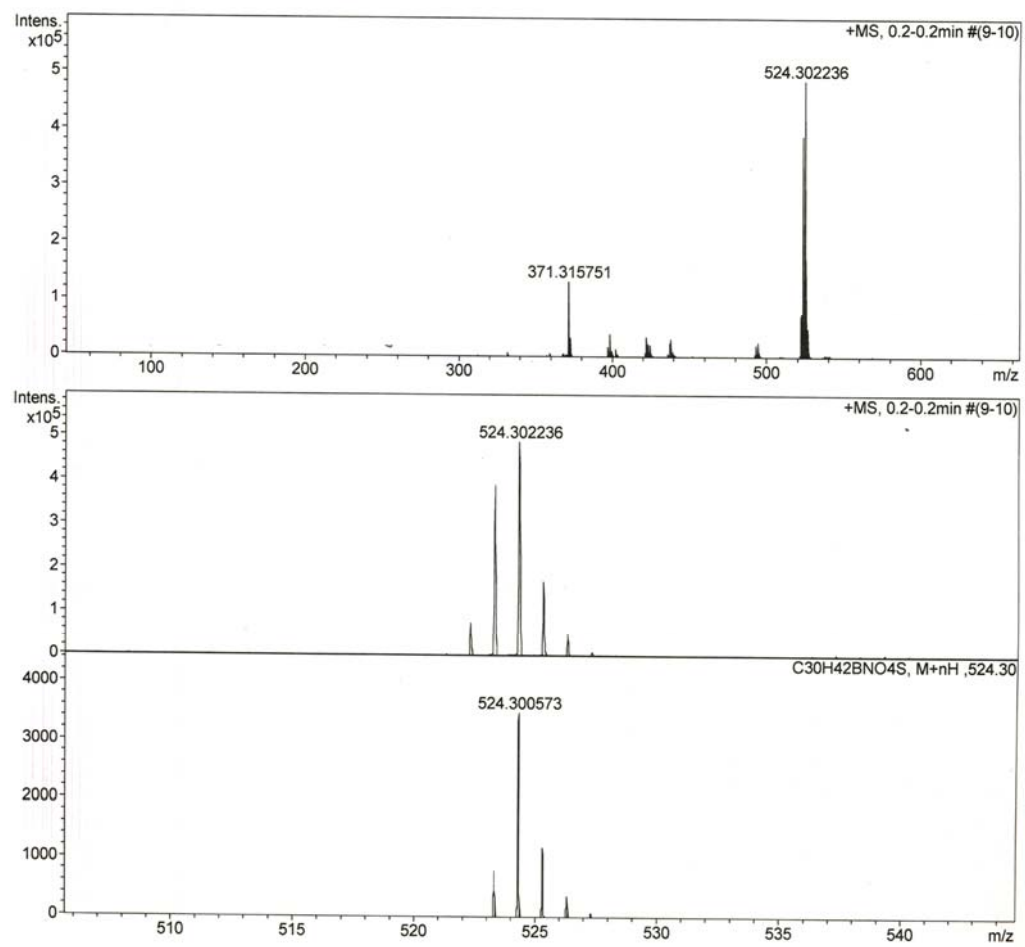


Fig. S7. APCI HRMS (positive mode) of 5.

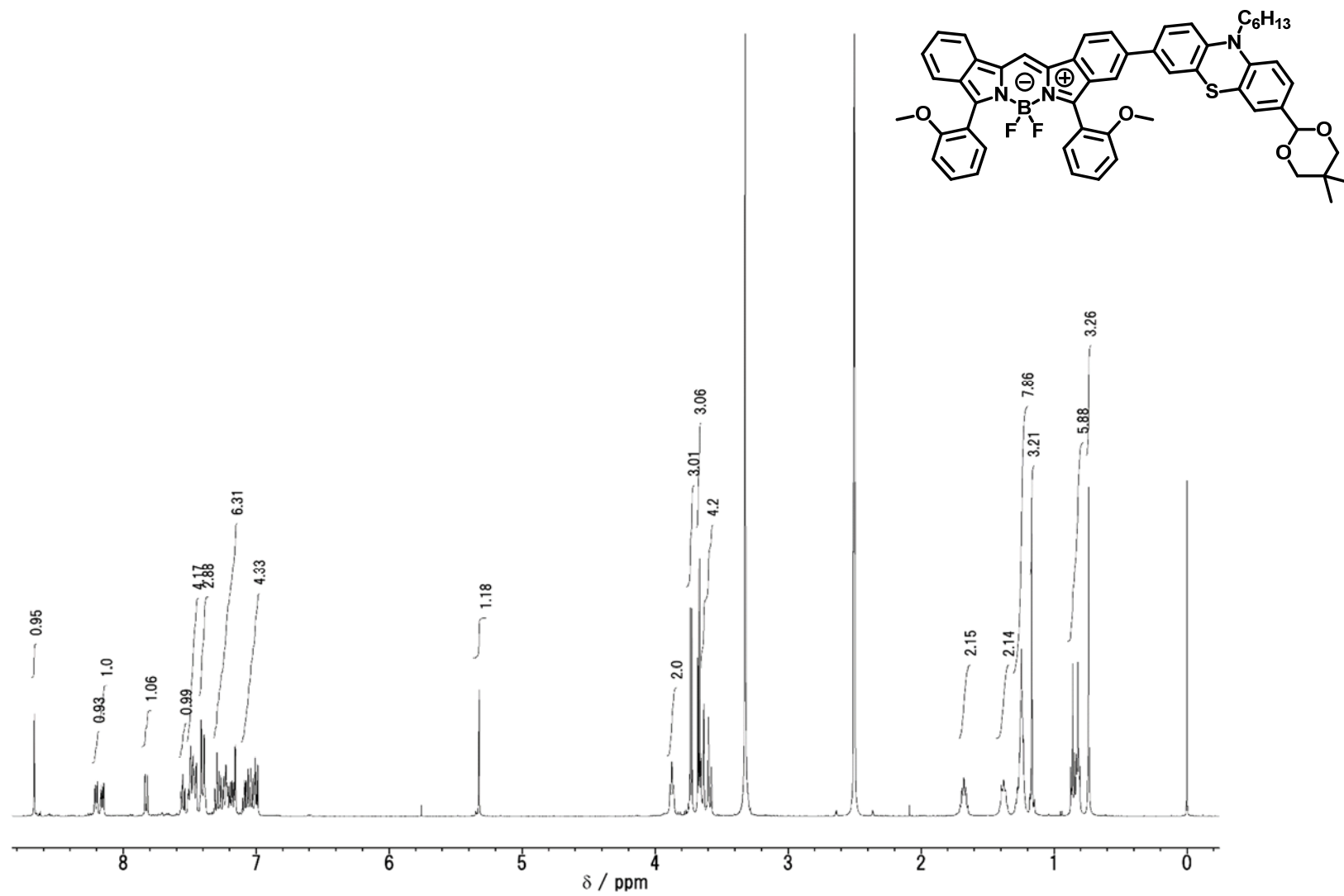


Fig. S8. ¹H NMR spectrum of 7 in DMSO-*d*₆.

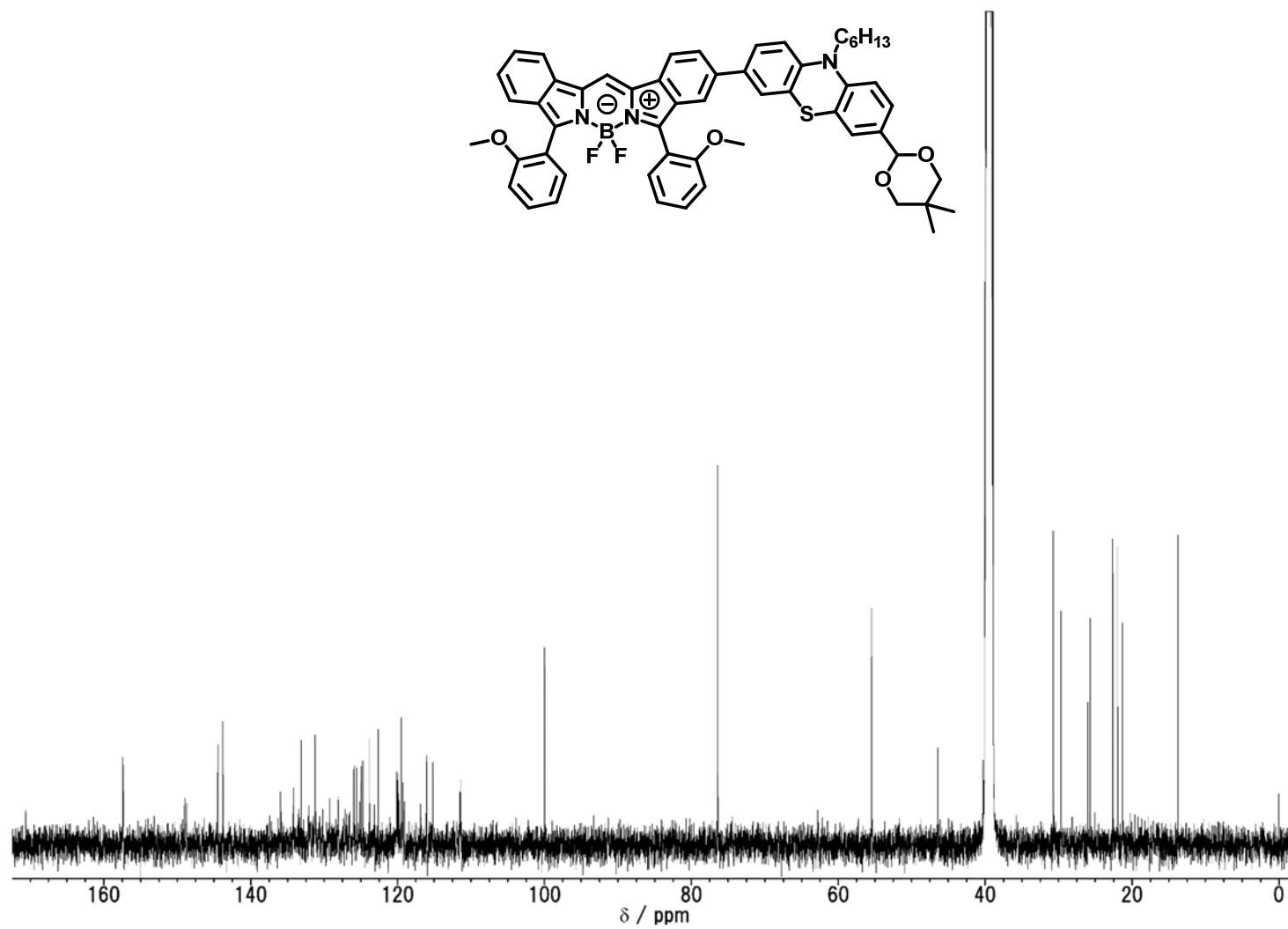


Fig. S9. ^{13}C NMR spectrum of 7 in $\text{DMSO-}d_6$.

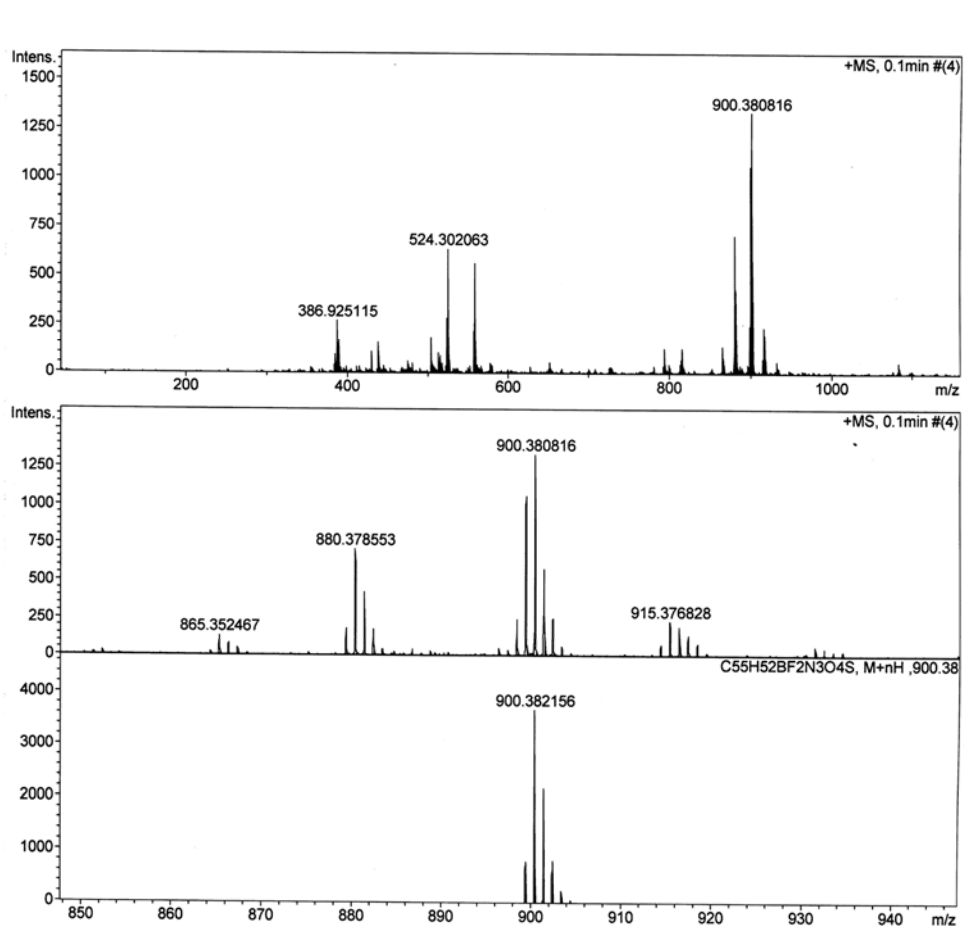


Fig. S10. APCI HRMS (positive mode) of 7.

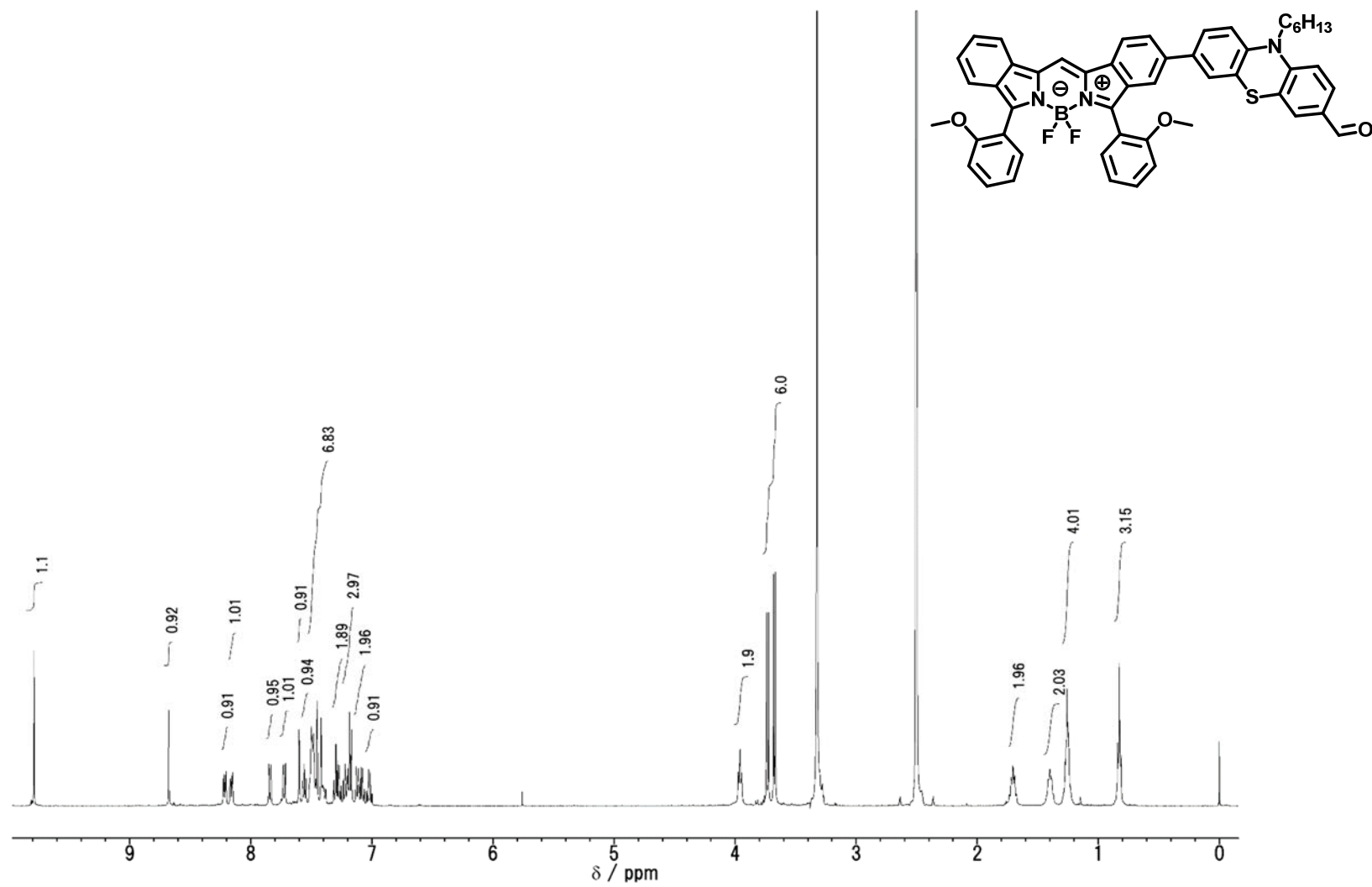


Fig. S11. ¹H NMR spectrum of **8** in DMSO-*d*₆.

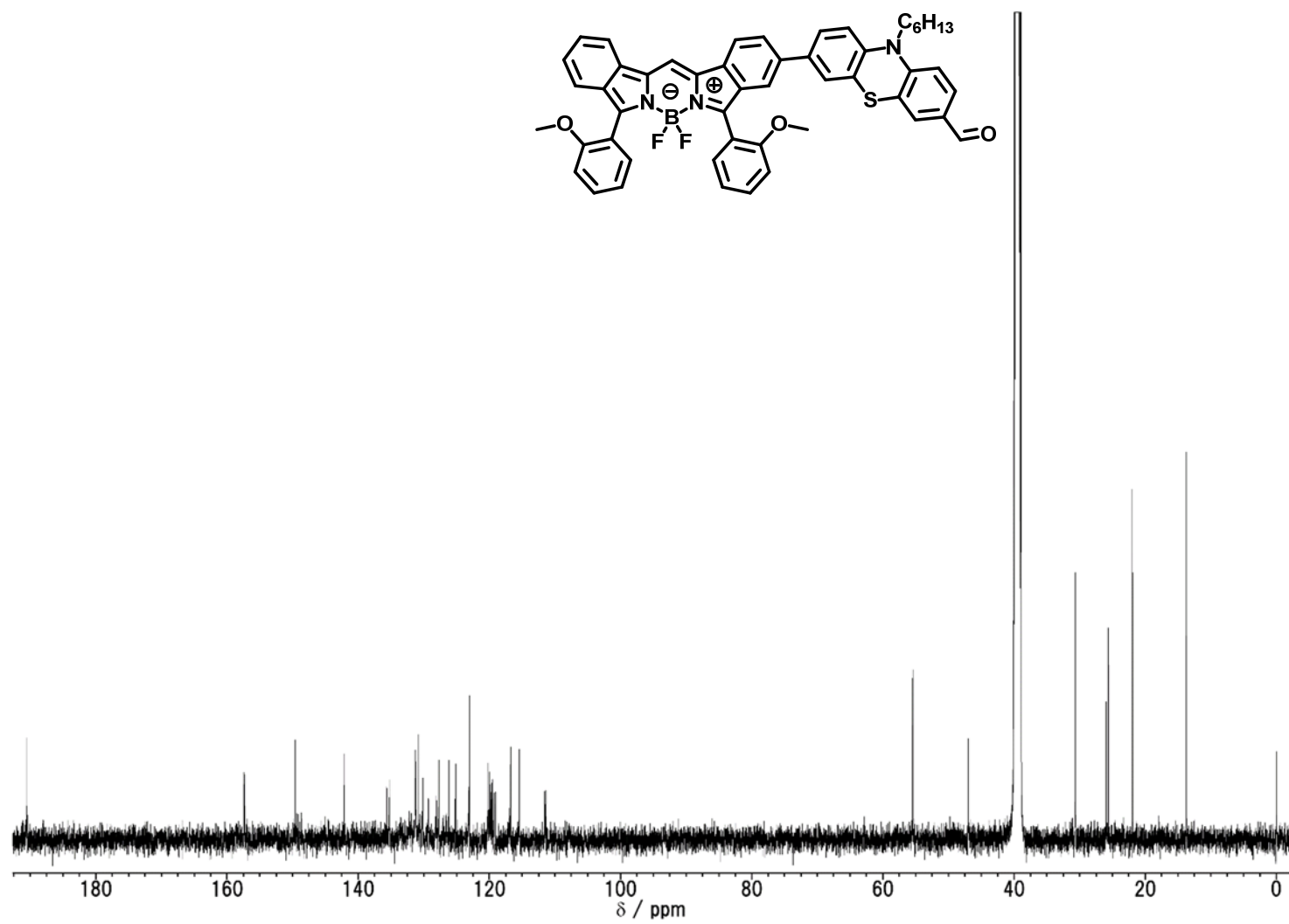


Fig. S12. ^{13}C NMR spectrum of **8** in DMSO- d_6 .

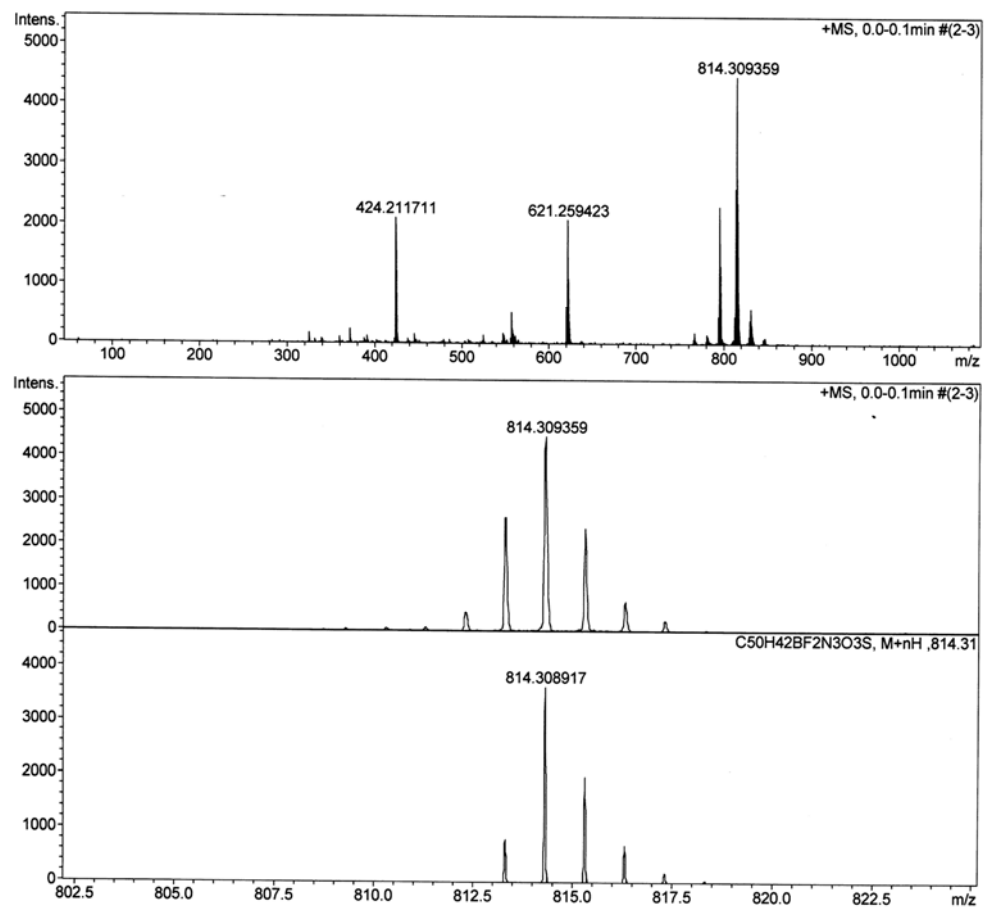


Fig. S13. APCI HRMS (positive mode) of **8** in DMSO-*d*₆.

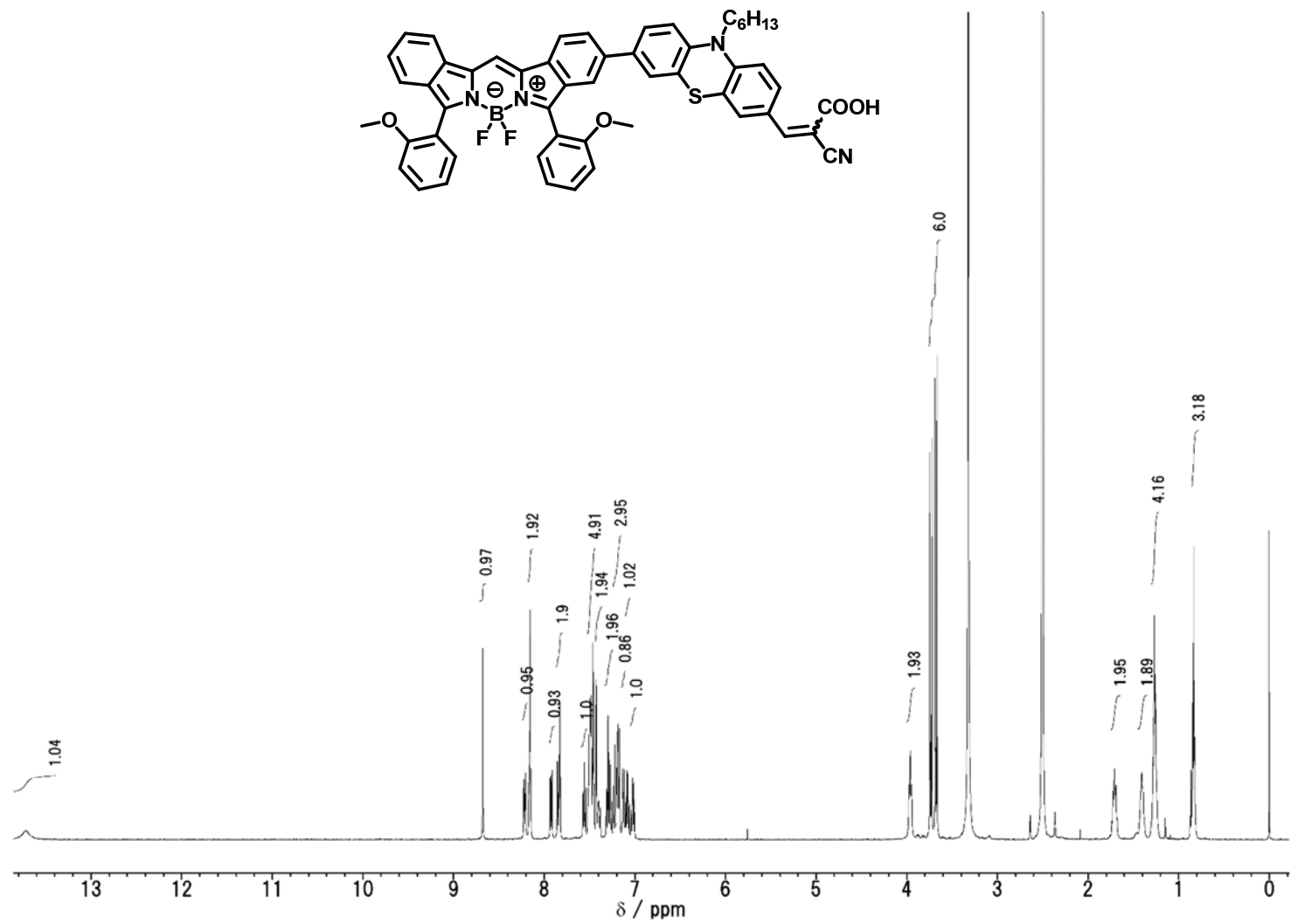


Fig. S14. ¹H NMR spectrum of **1** in DMSO-*d*₆.

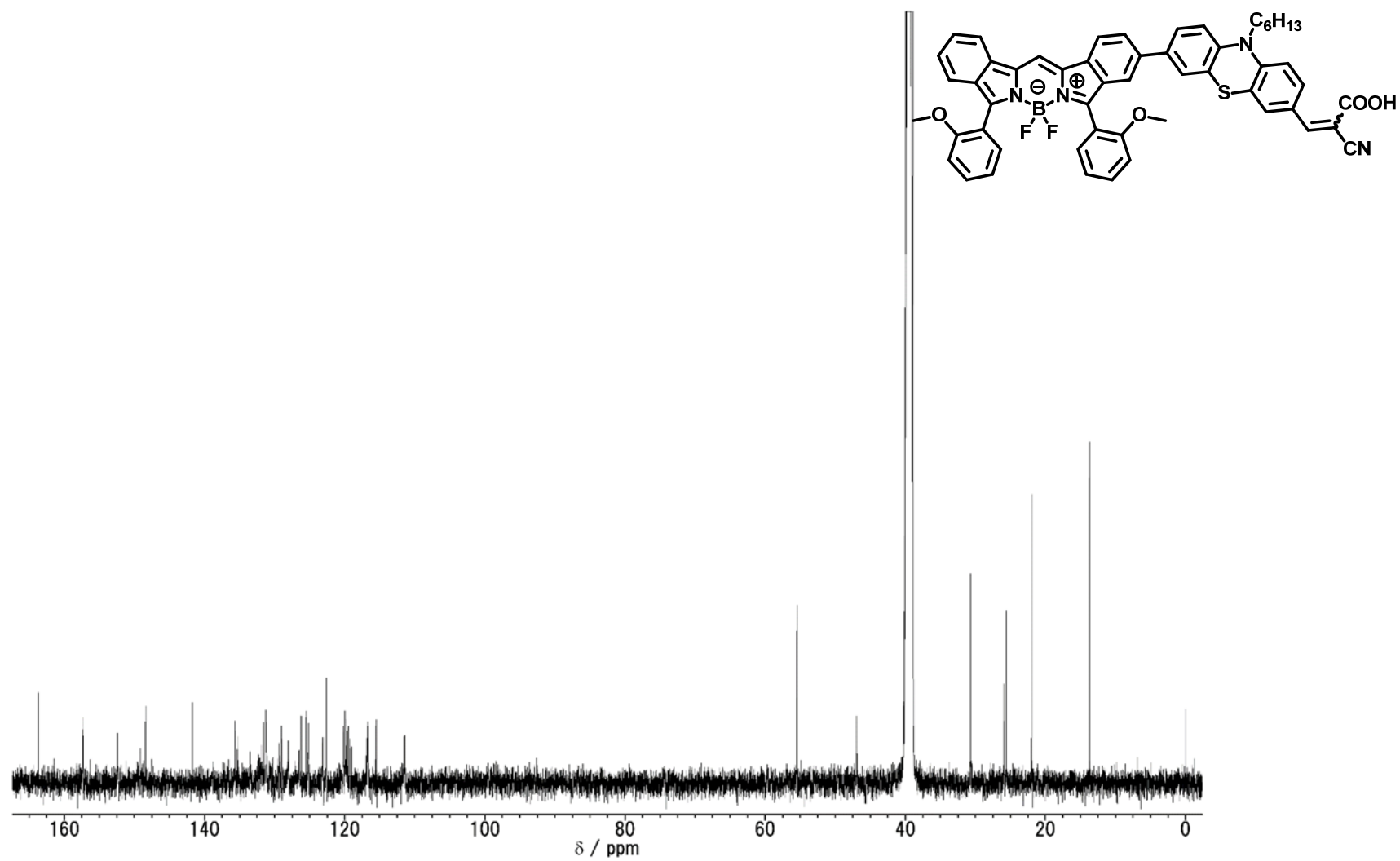


Fig. S15. ^{13}C NMR spectrum of **1** in $\text{DMSO-}d_6$.

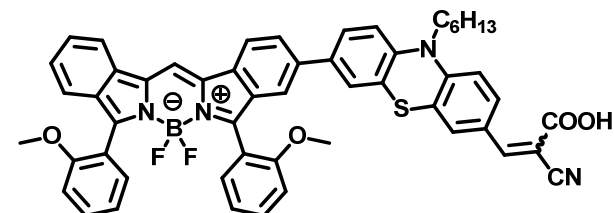
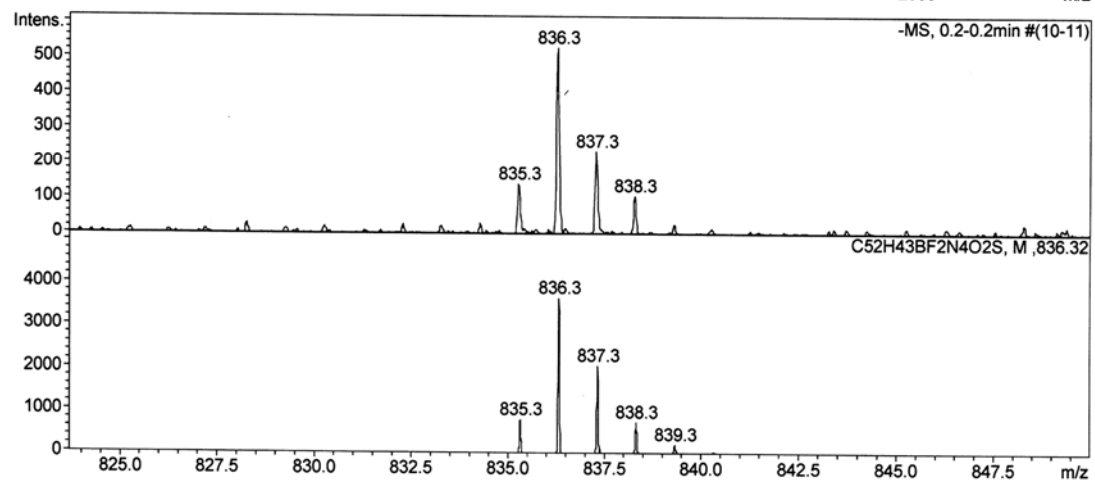
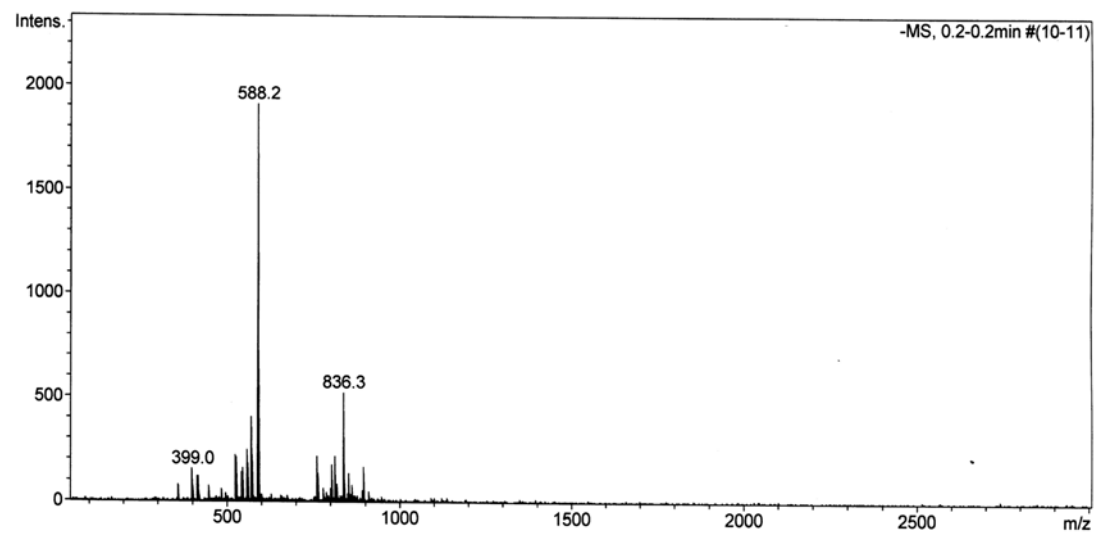


Fig. S16. APCI MS (negative mode) of 1.