

Aggregation-induced emissions in mesogenic BF_2 complexes

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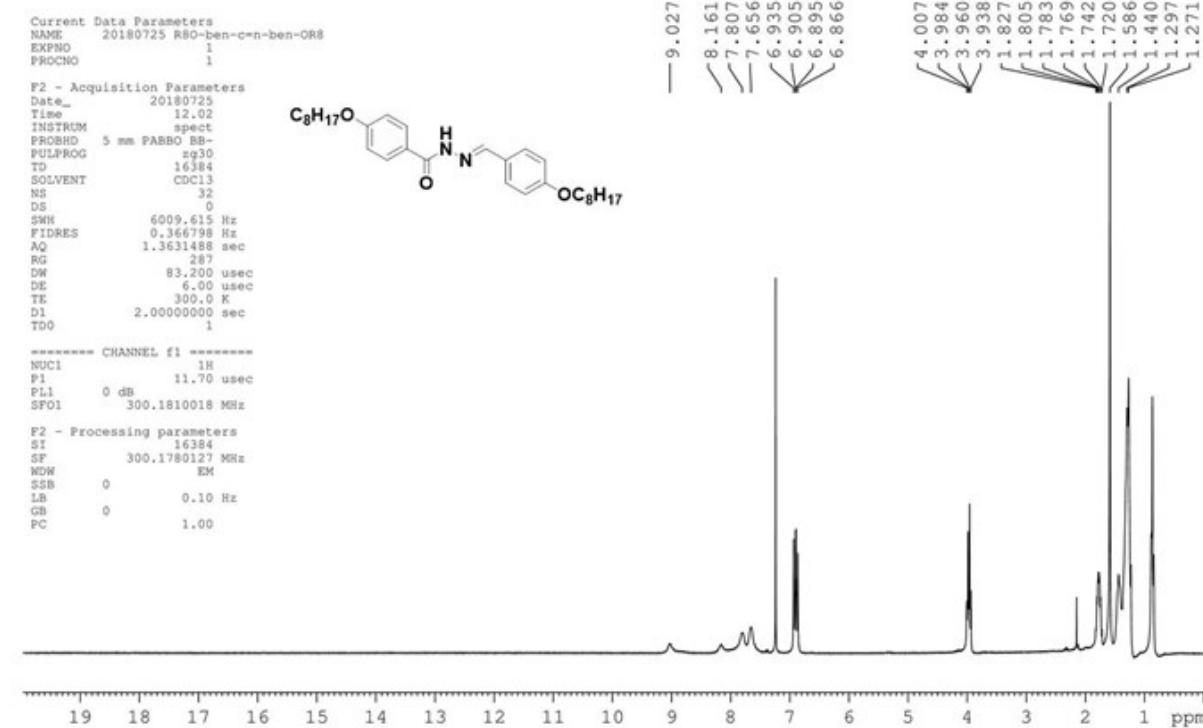
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1. The ^1H , ^{13}C and ^{19}F NMR spectra of compounds **1a**, **1b**, **1a-BF₂** and **1b-BF₂**



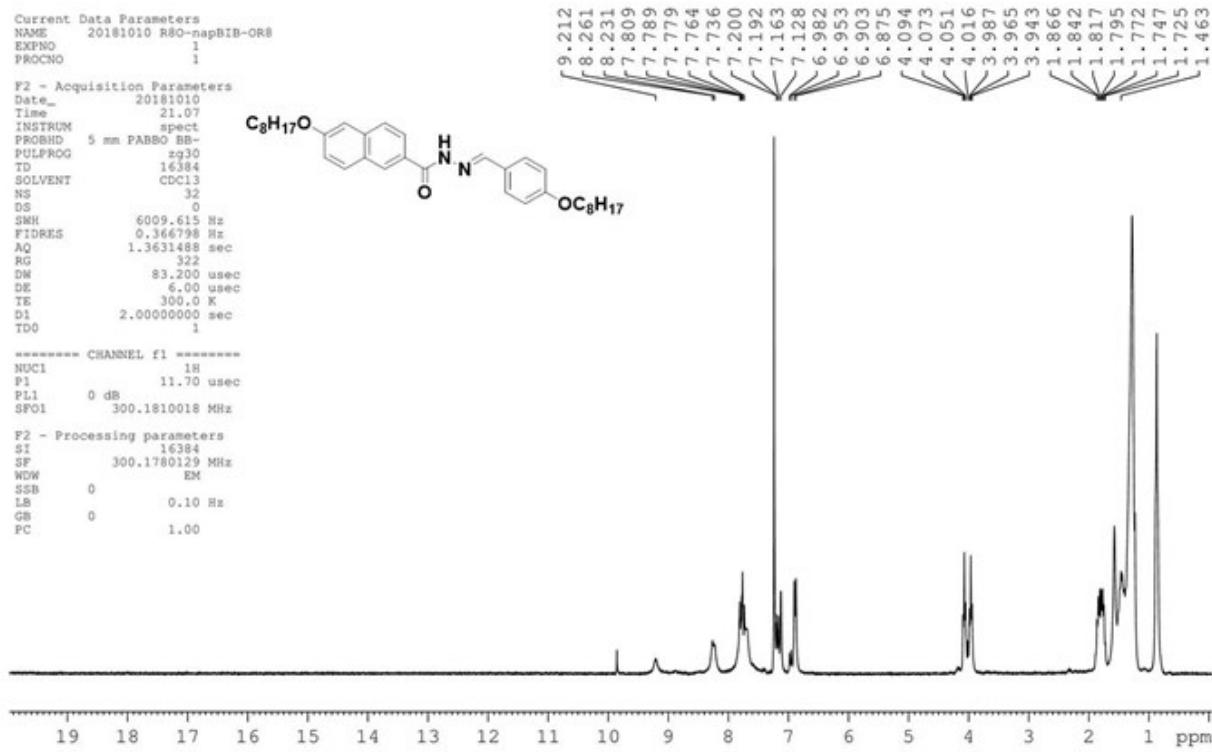


Fig. S3 The ^1H spectrum of compound **1b** ($n = 8$).

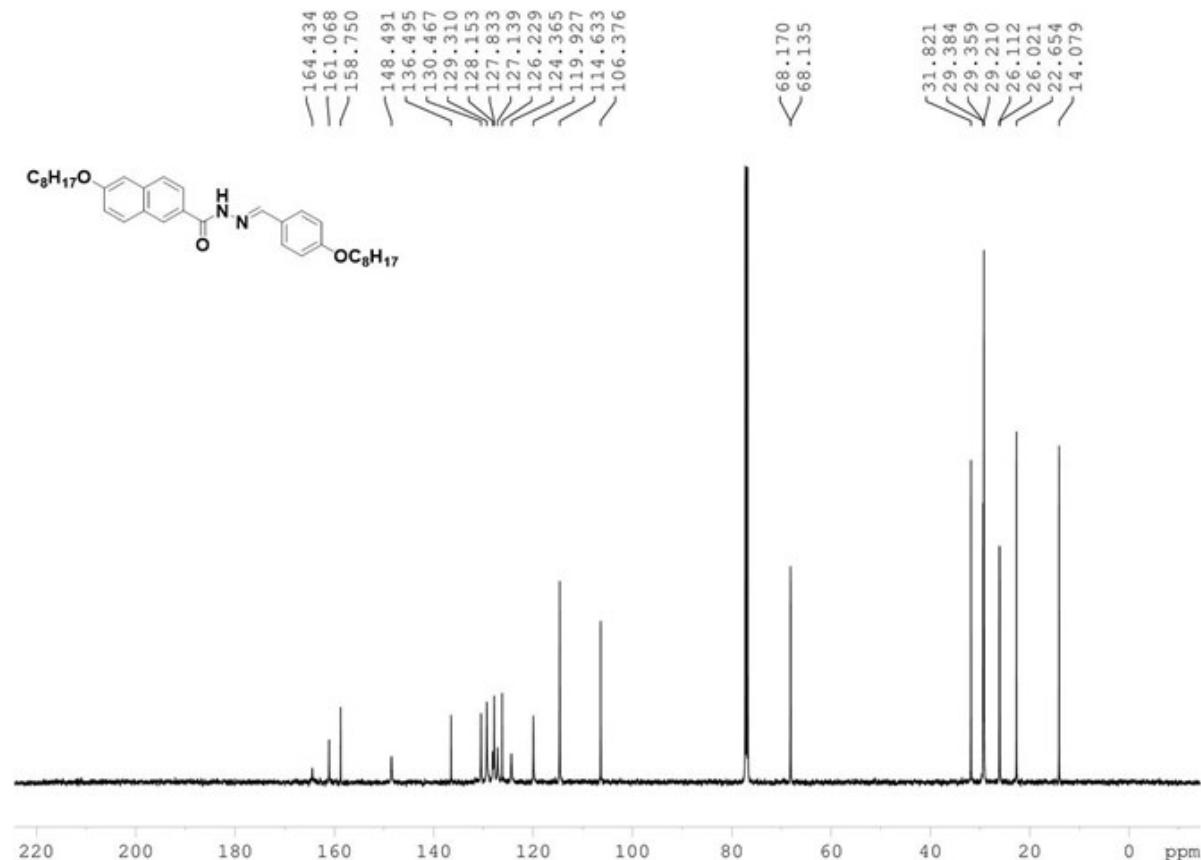


Fig. S4 The ^{13}C NMR spectrum of compound **1b** ($n = 8$).

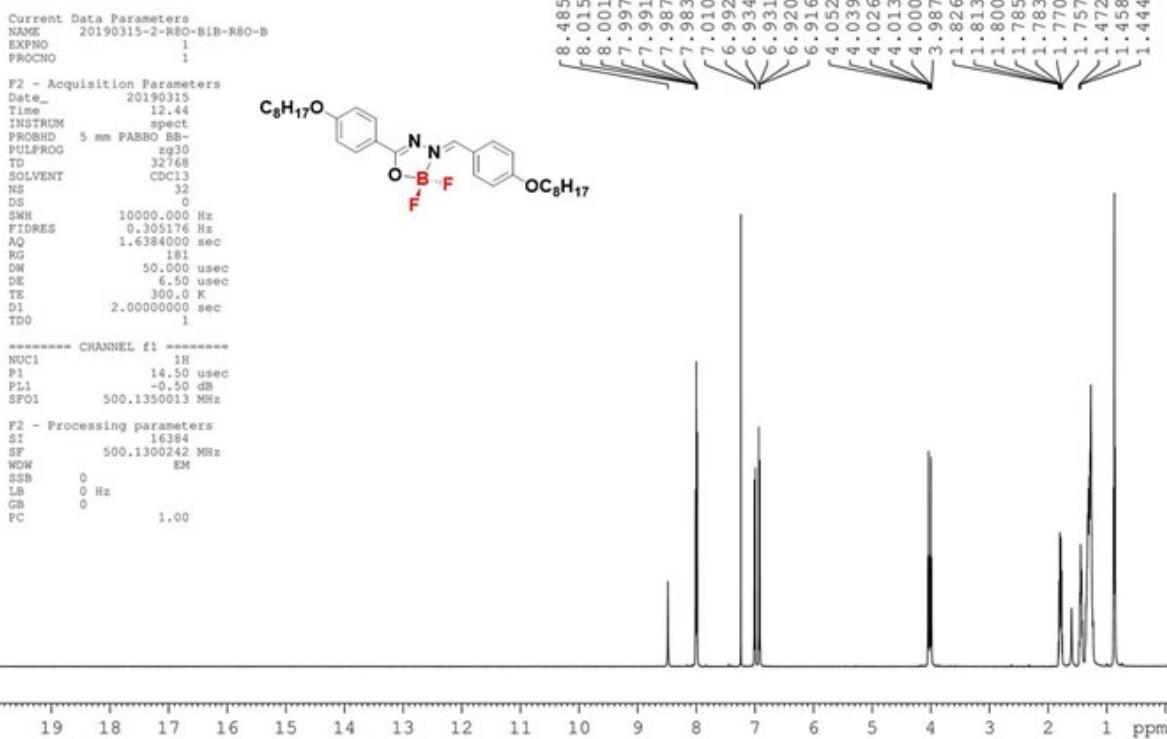


Fig. S5 The ¹H spectrum of compound 1a-BF₂ (n = 8).

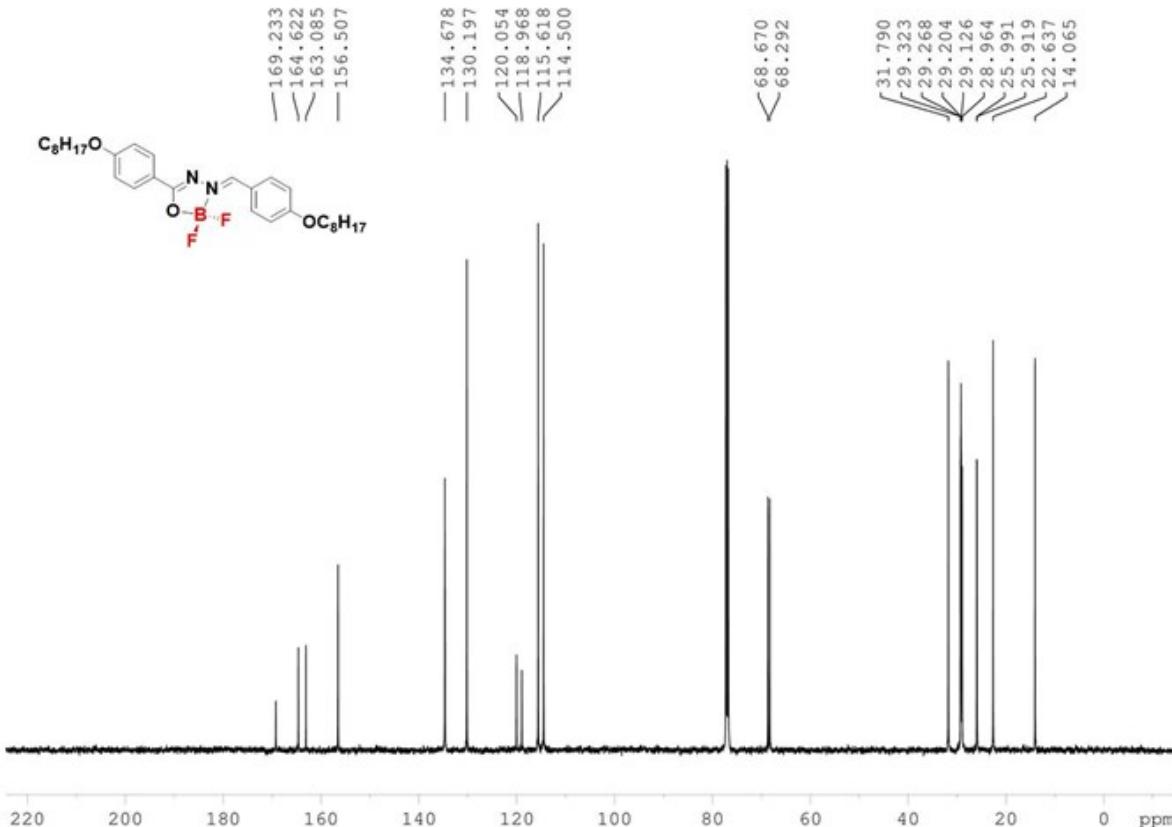


Fig. S6 The ¹³C NMR spectrum of compound 1a-BF₂ (n = 8).

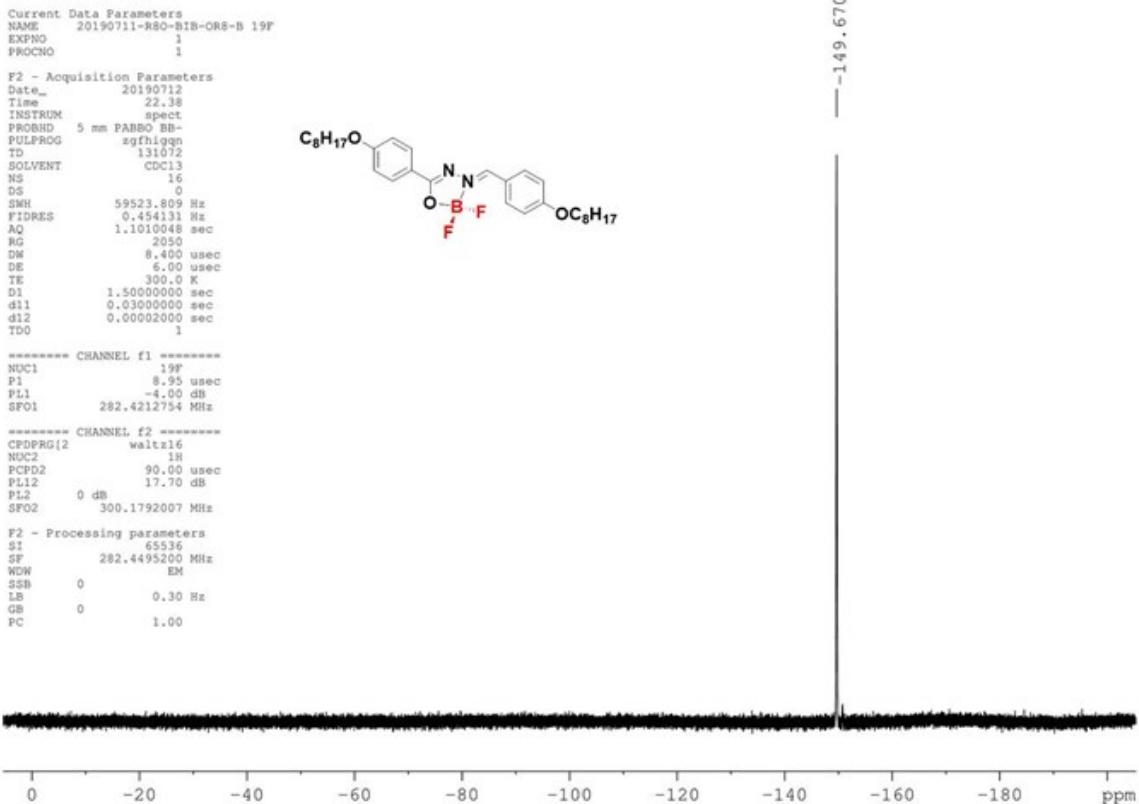


Fig. S7 The ¹⁹F-NMR spectrum of compound **1a-BF₂** (n = 8).

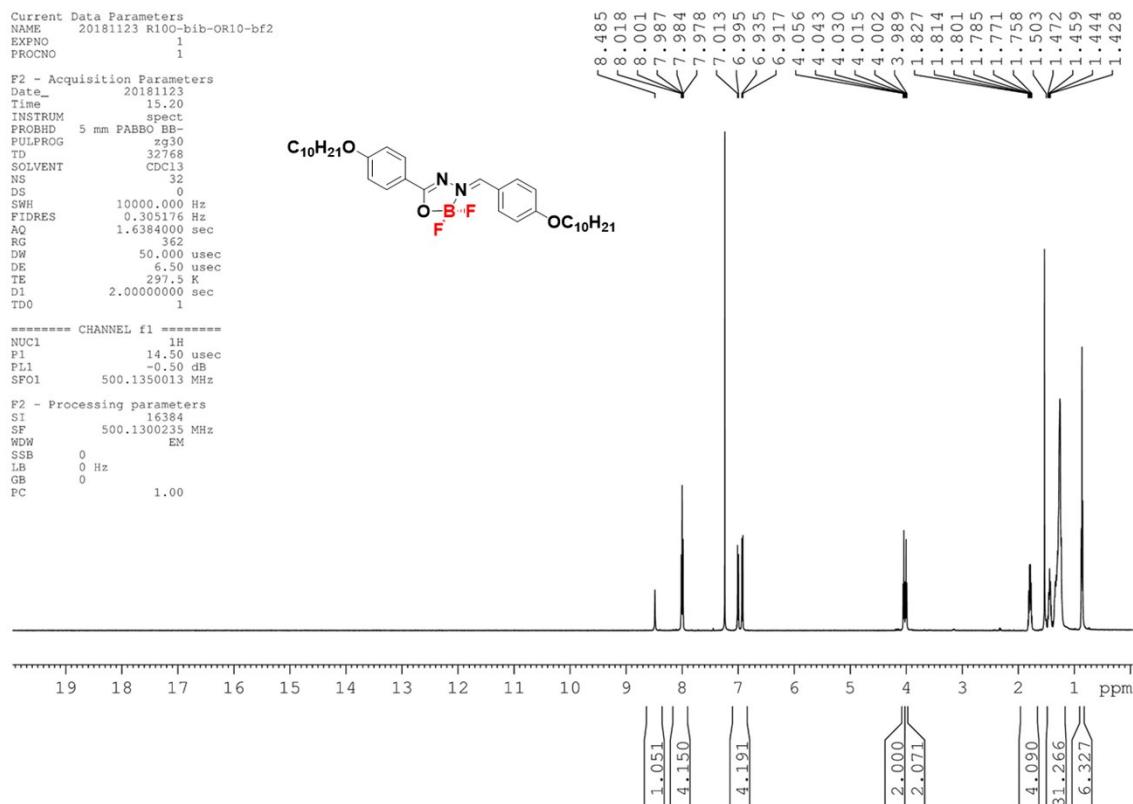


Fig. S8 The ¹H spectrum of compound **1a-BF₂** (n = 10).

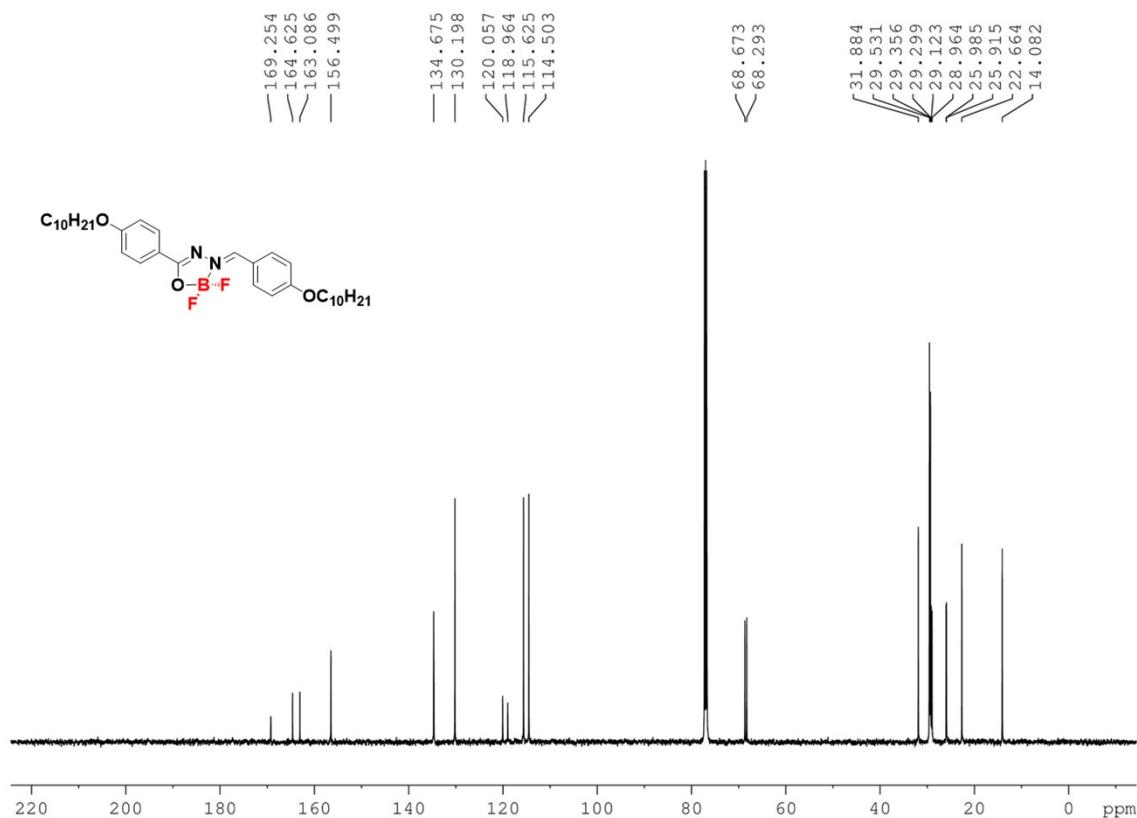


Fig. S9 The ^{13}C NMR spectrum of compound **1a-BF₂** ($n = 10$).

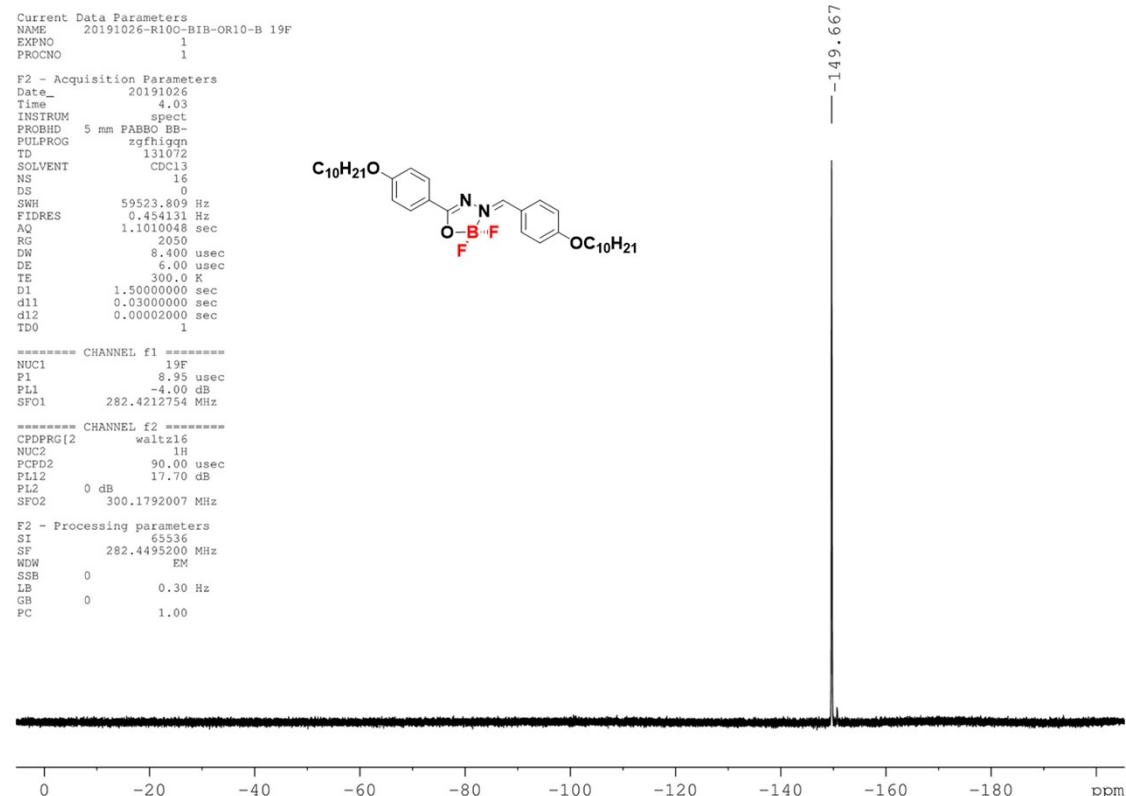


Fig. S10 The ^{19}F -NMR spectrum of compound **1a-BF₂** ($n = 10$).

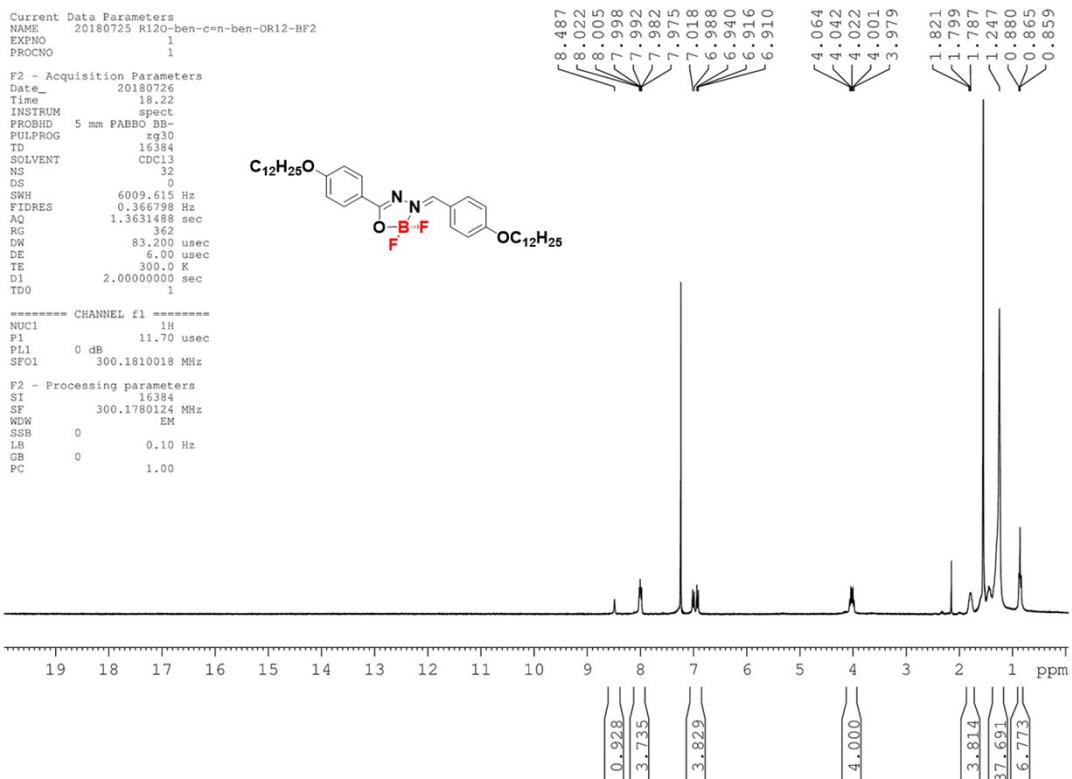


Fig. S11 The ¹H spectrum of compound **1a-BF₂** (n = 12)

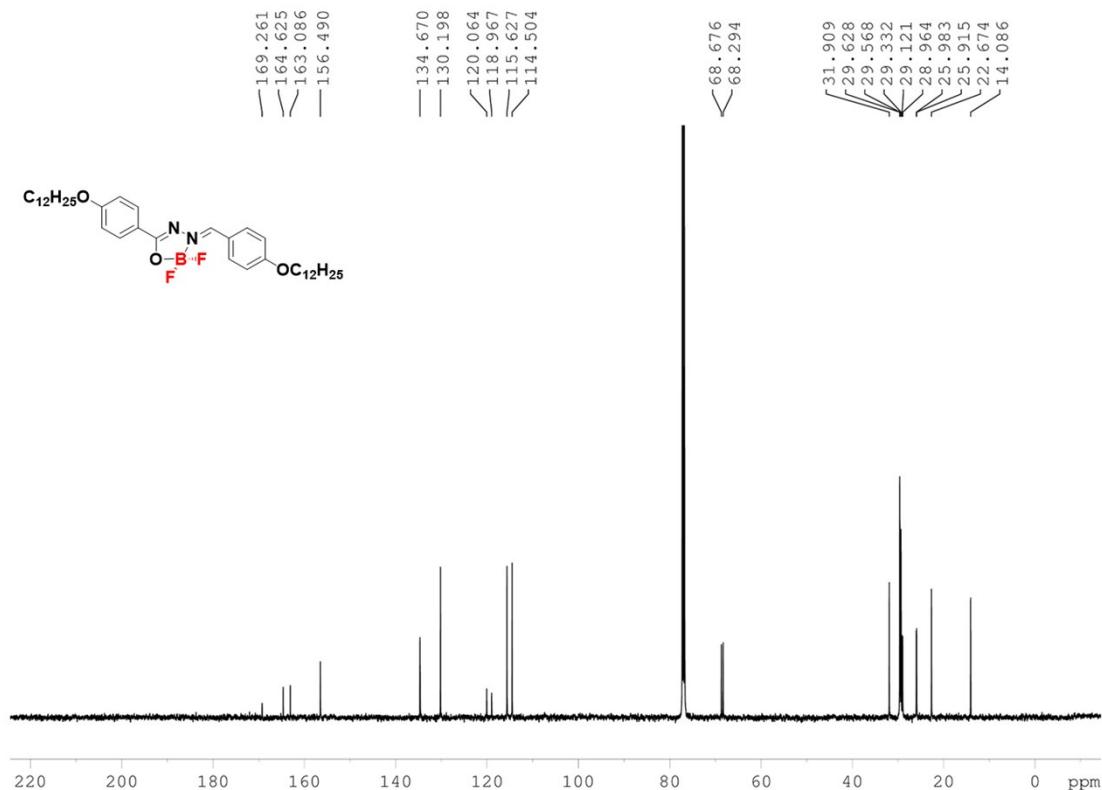


Fig. S12 The ¹³C NMR spectrum of compound **1a-BF₂** (n = 12).

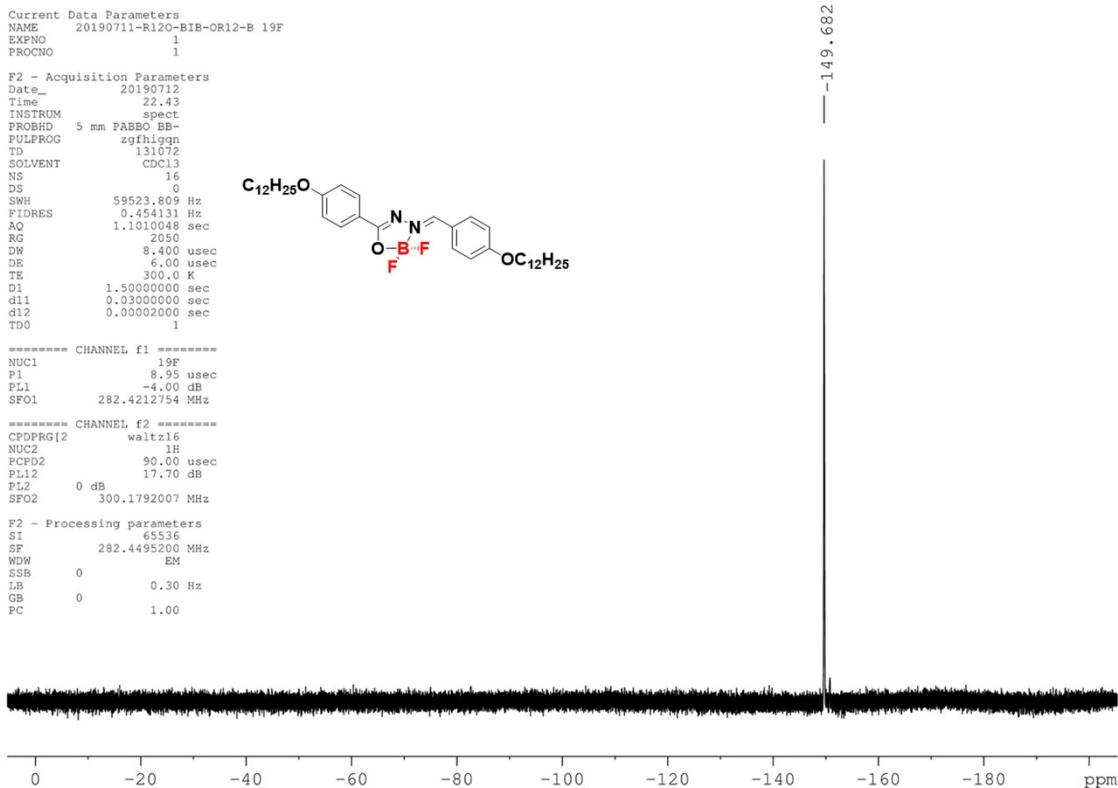


Fig. S13 The ¹⁹F-NMR spectrum of compound **1a-BF₂** (n = 12).

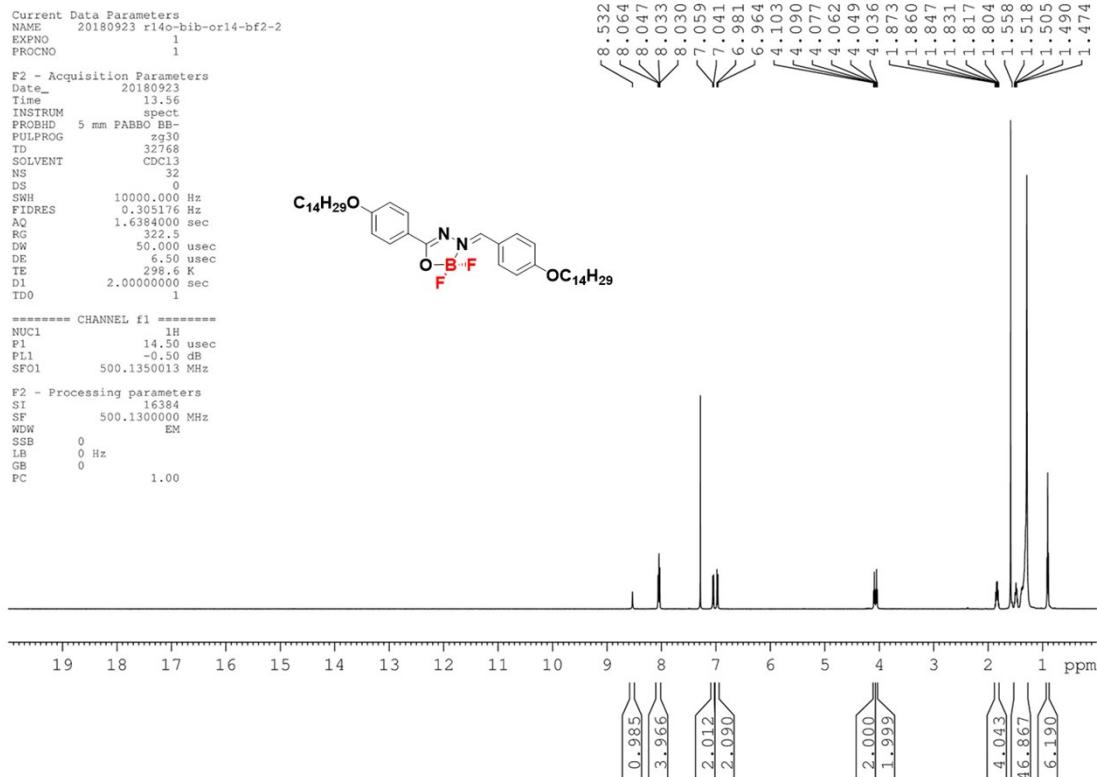


Fig. S14 The ¹H spectrum of compound **1a-BF₂** (n = 14).

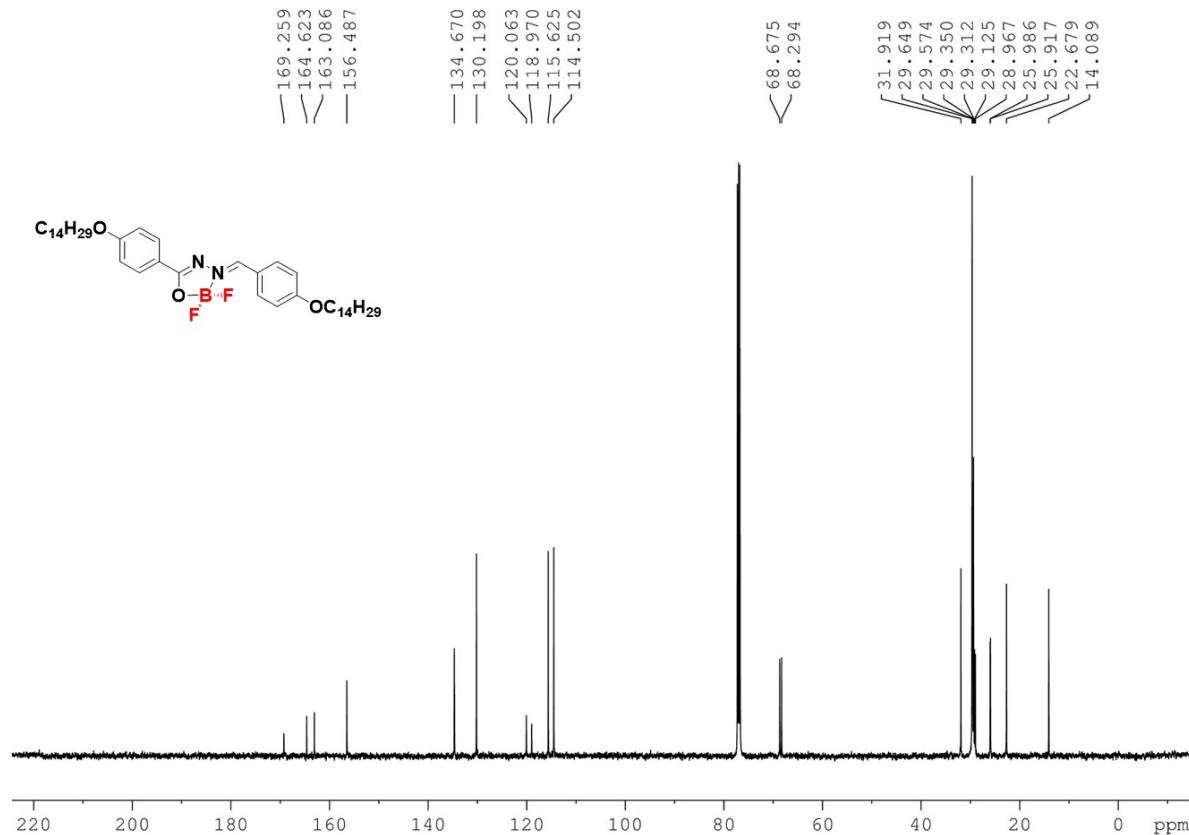


Fig. S15 The ^{13}C NMR spectrum of compound **1a-BF₂** ($n = 14$).

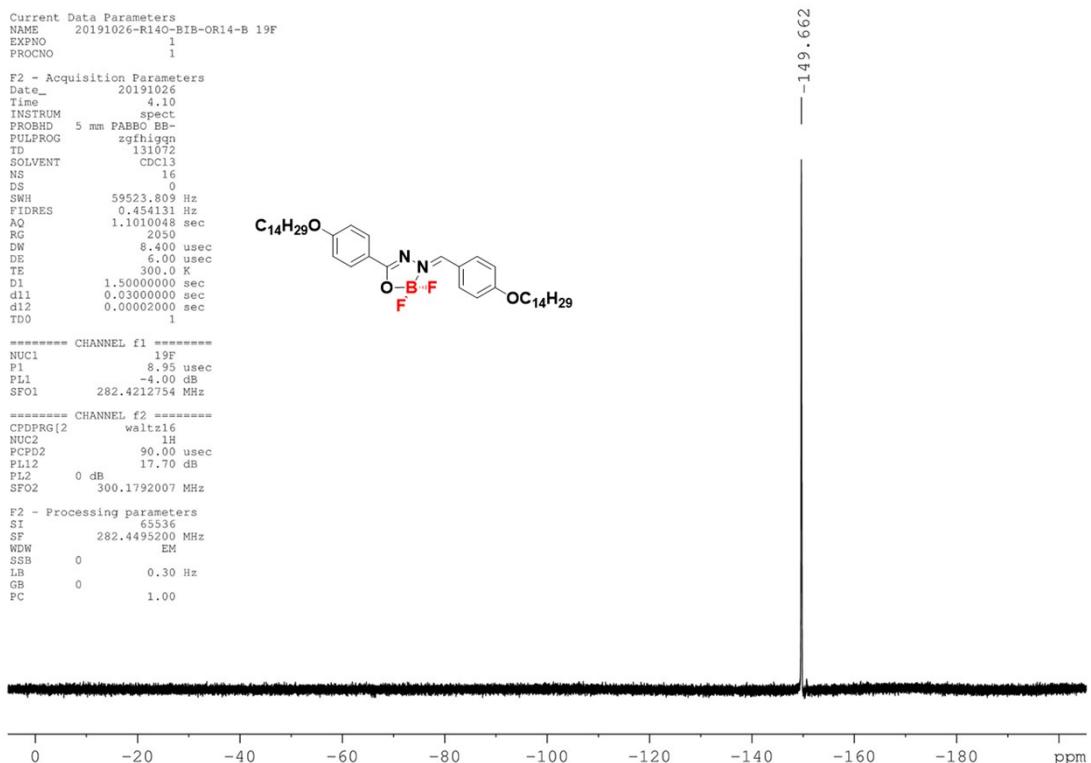


Fig. S16 The ^{19}F -NMR spectrum of compound **1a-BF₂** ($n = 14$).

Fig. S18 The ^{13}C NMR spectrum of compound **1a-BF₂** ($n = 16$).

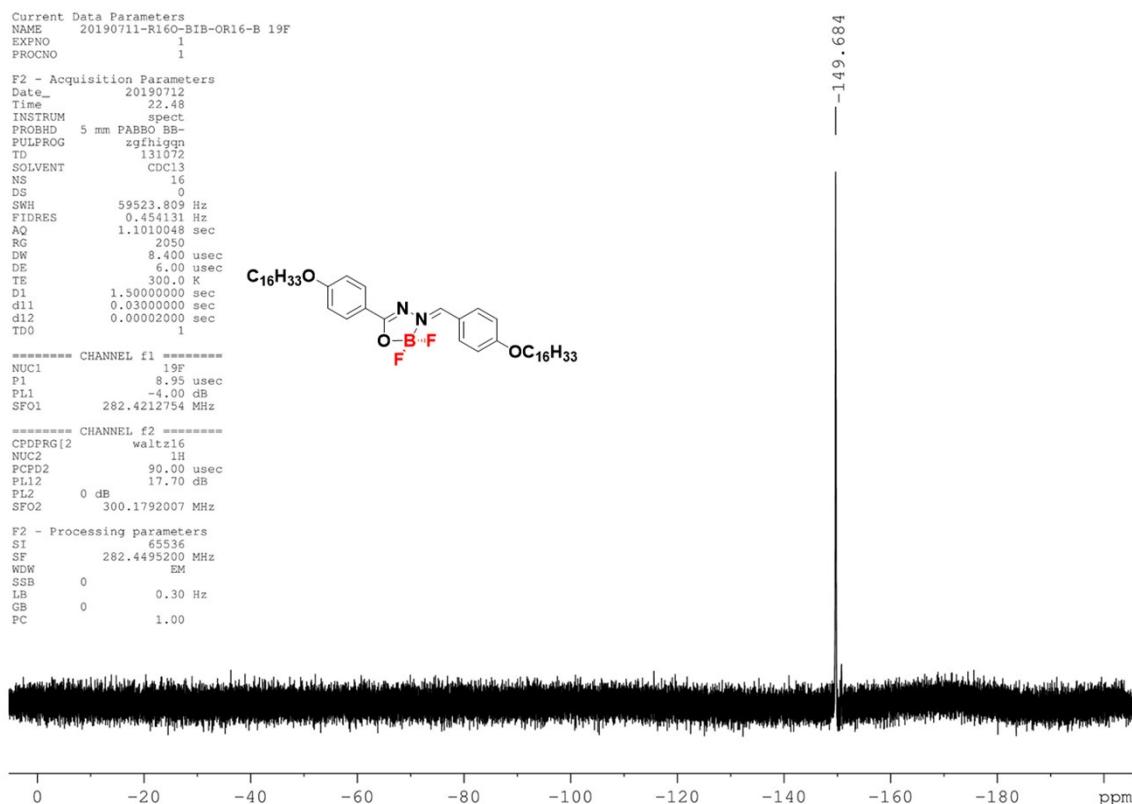


Fig. S19 The ^{19}F -NMR spectrum of compound **1a-BF₂** ($n = 16$).

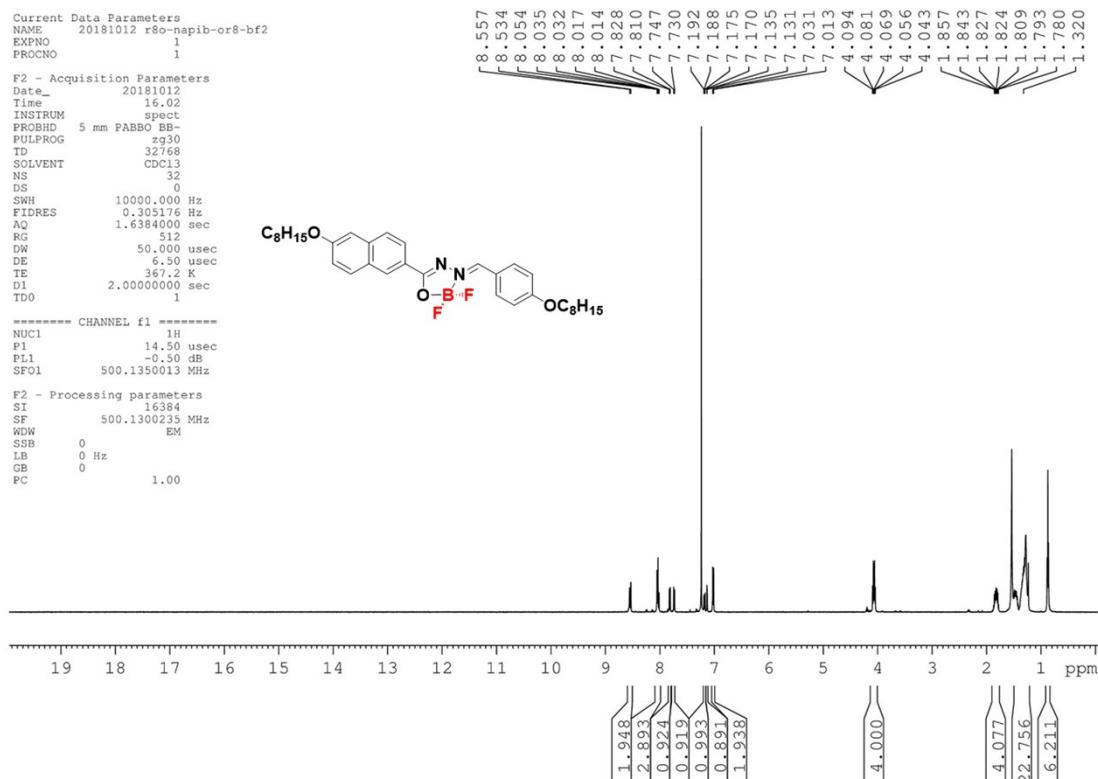


Fig. S20 The ^1H NMR spectrum of compound **1b-BF₂** ($n = 8$).

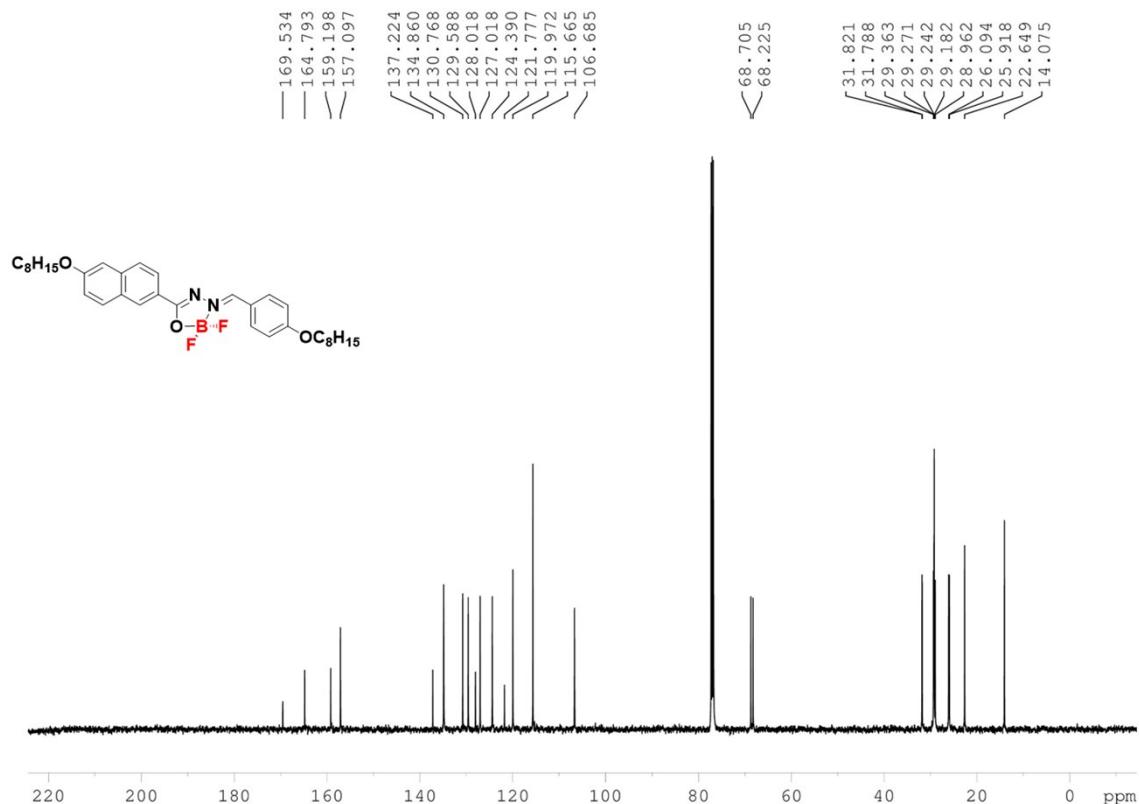


Fig. S21 The ^{13}C NMR spectrum of compound **1b-BF₂** ($n = 8$).

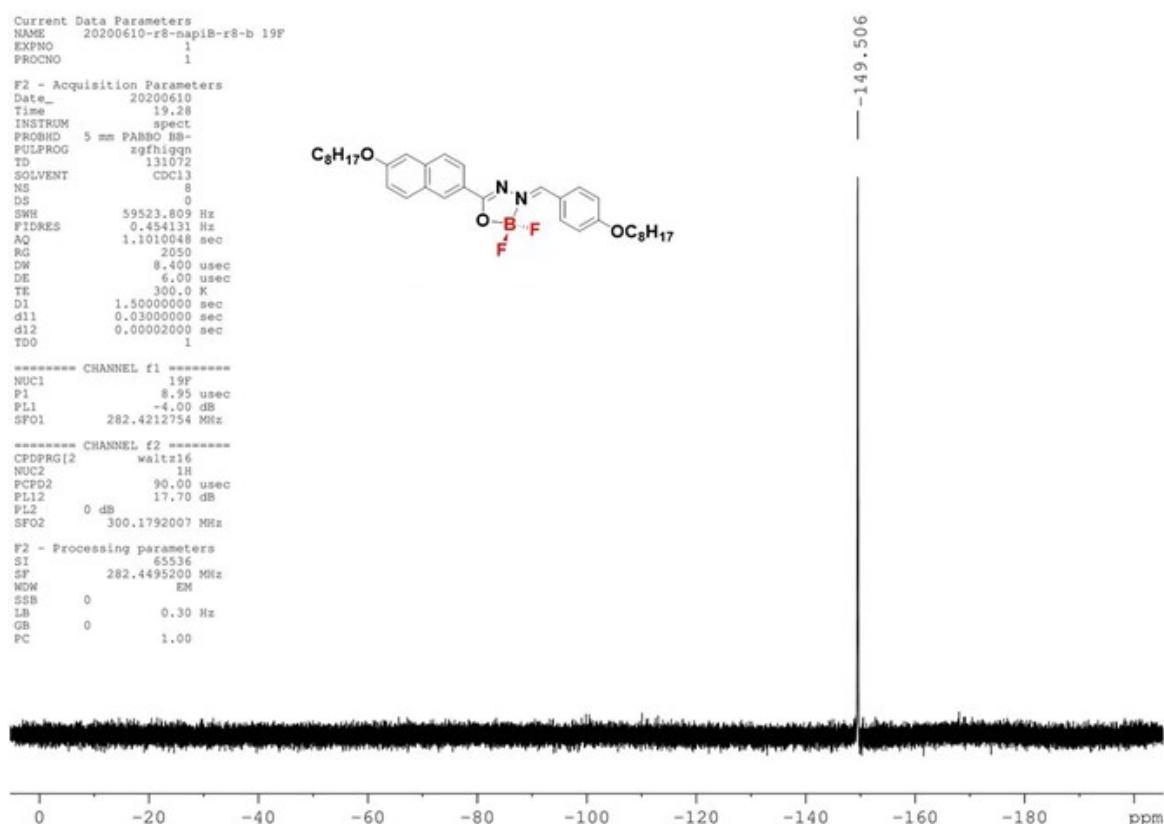


Fig. S22 The ^{19}F NMR spectrum of compound **1b-BF₂** ($n = 8$).

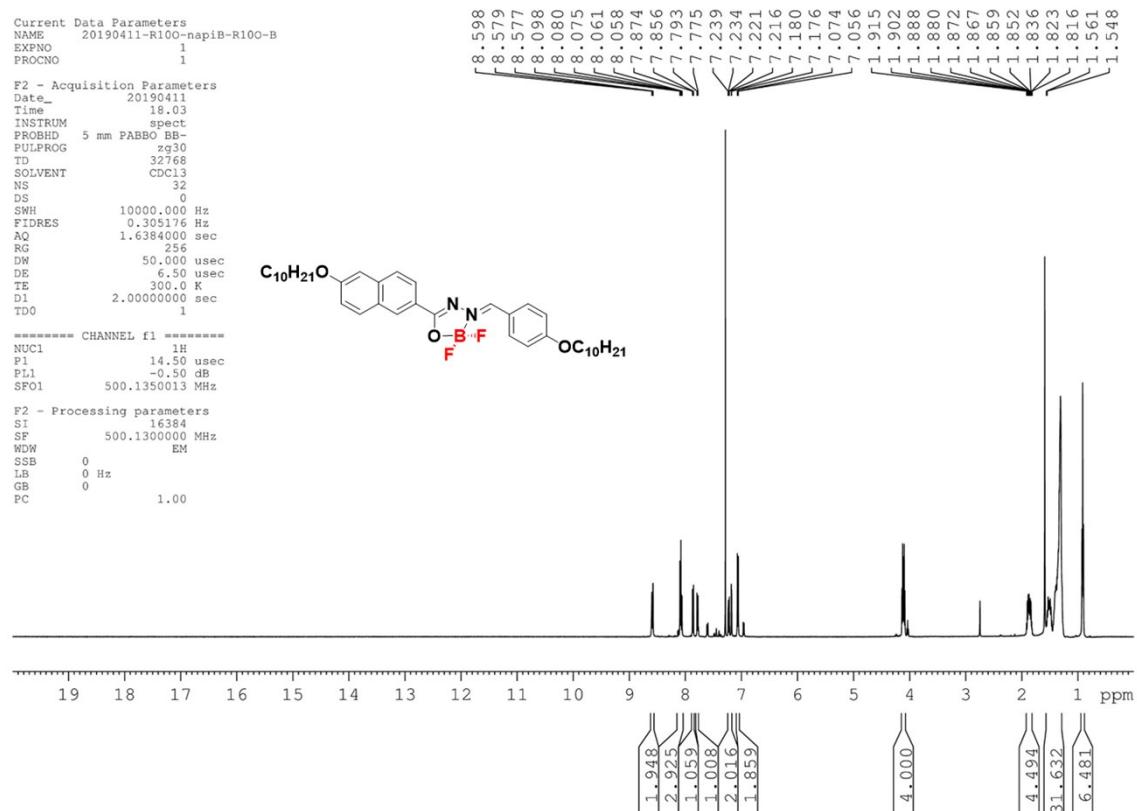


Fig. S23 The ^1H spectrum of compound **1b-BF₂** ($n = 10$).

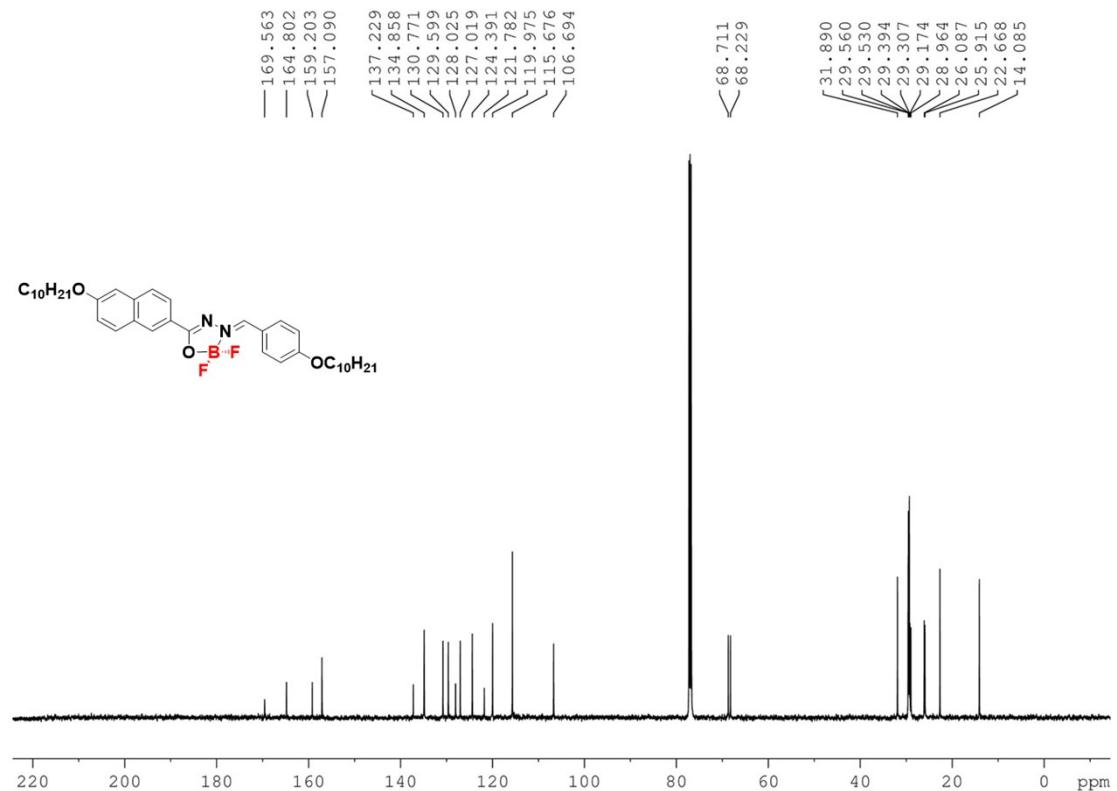


Fig. S24 The ^{13}C NMR spectrum of compound **1b-BF₂** ($n = 10$).

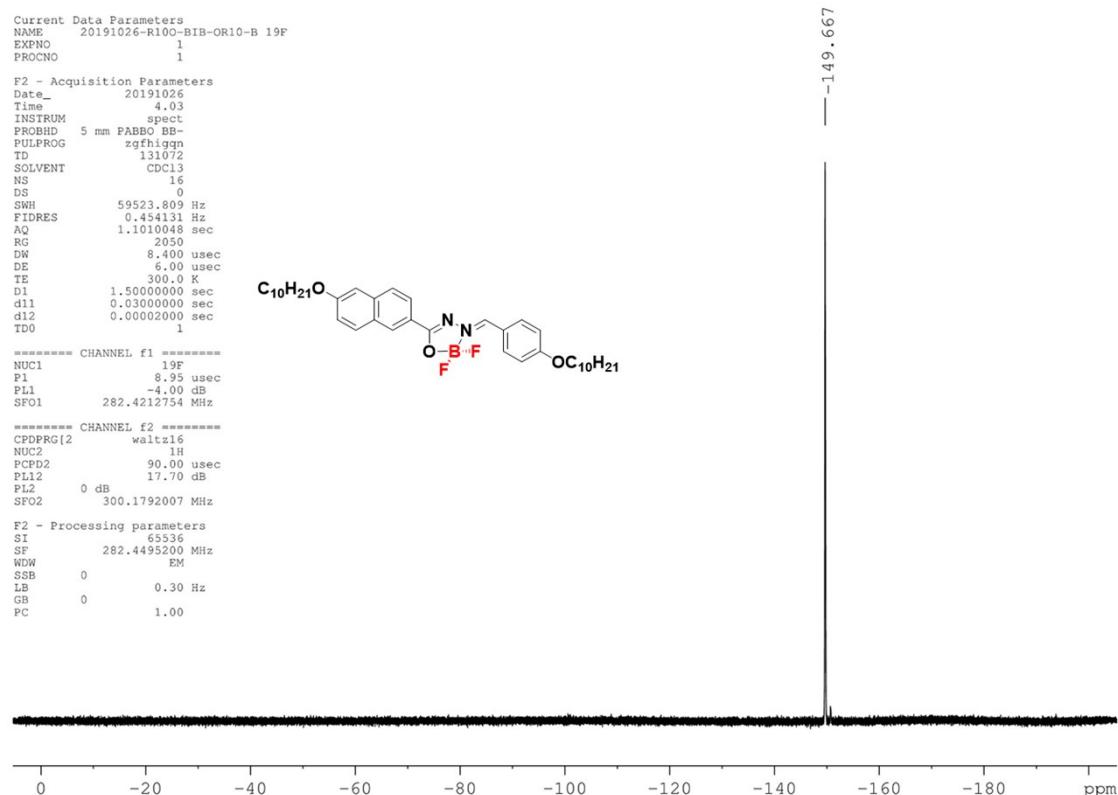


Fig. S25 The ^{19}F -NMR spectrum of compound **1b-BF₂** ($n = 10$).

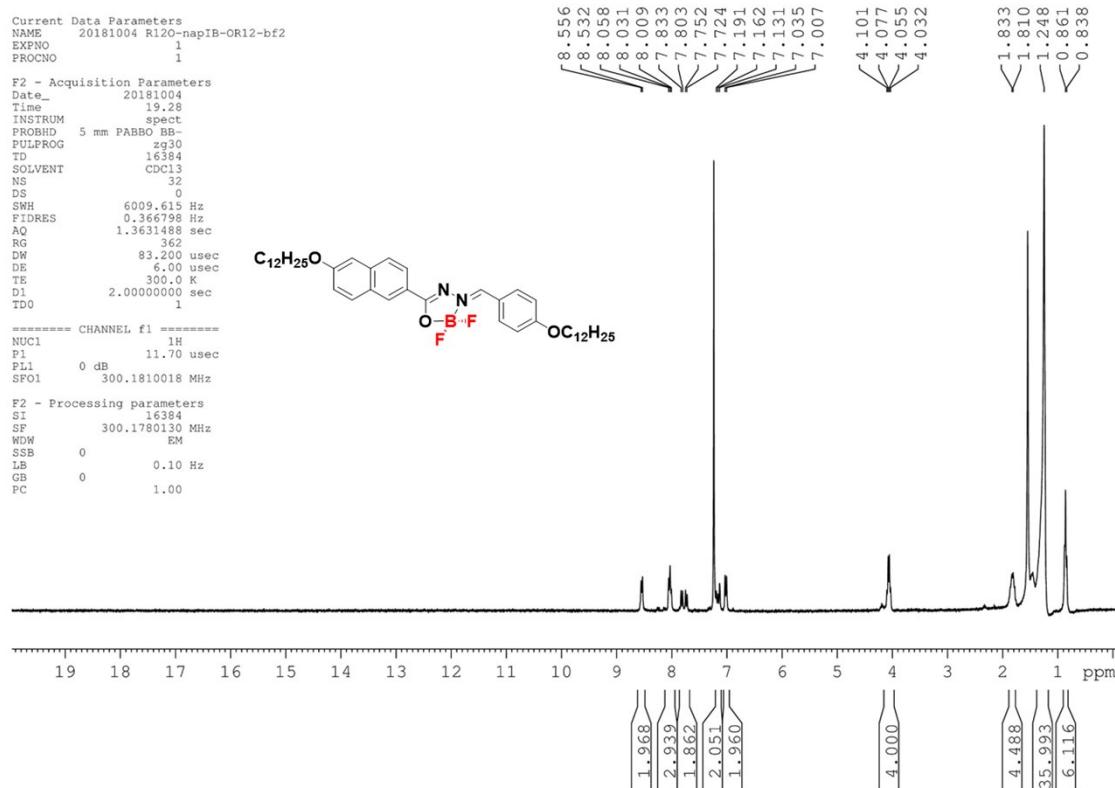


Fig. S26 The ^1H spectrum of compound **1b-BF₂** ($n = 12$).

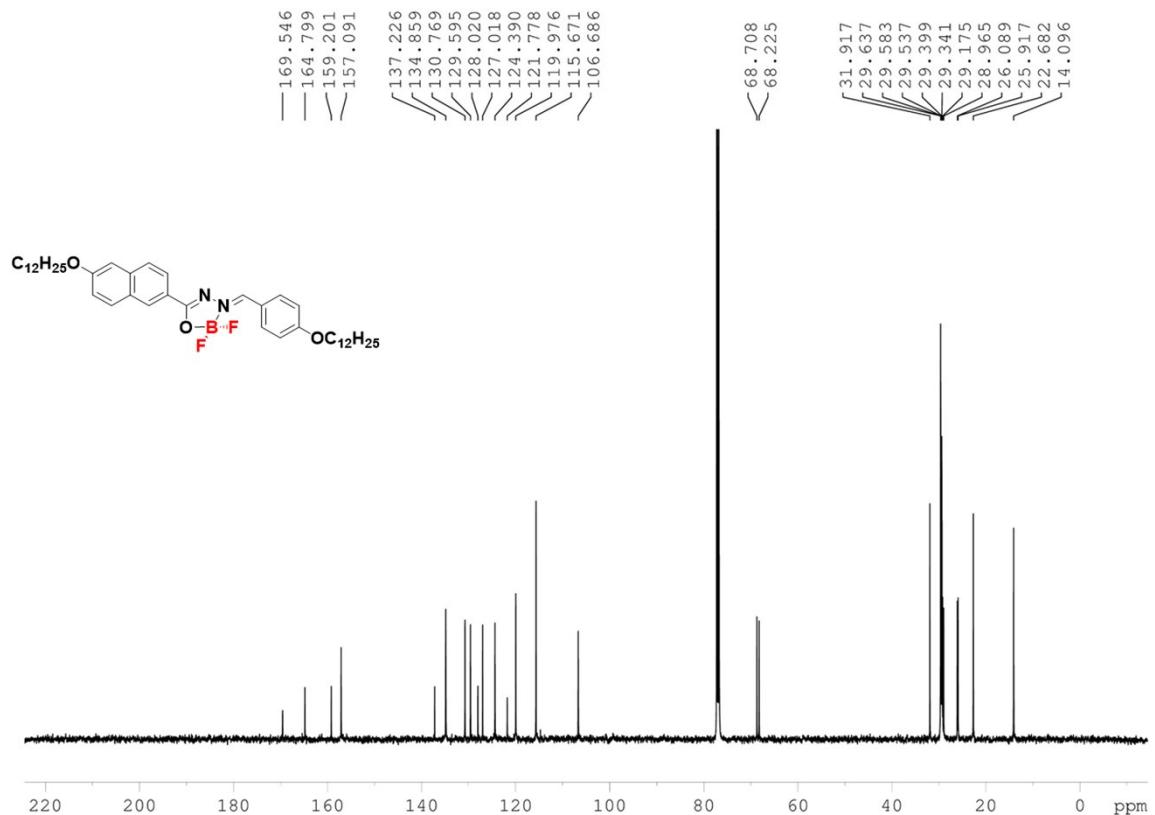


Fig. S27 The ^{13}C NMR spectrum of compound **1b-BF₂** ($n = 12$).

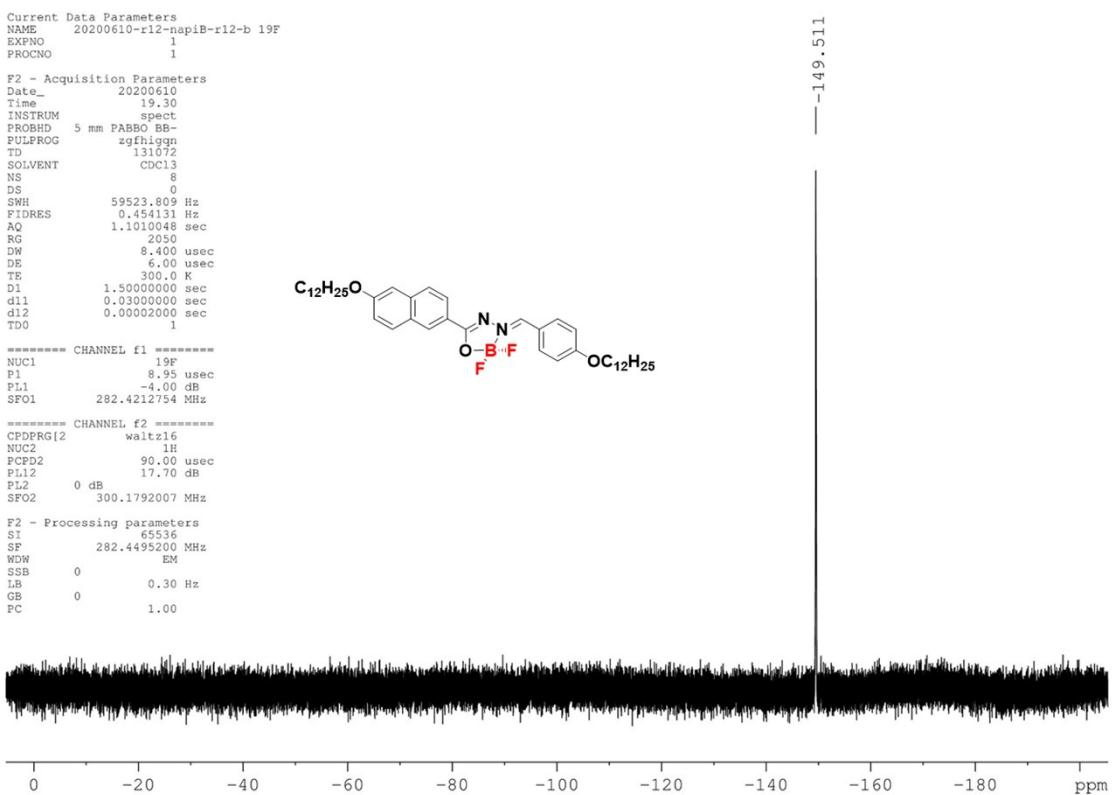


Fig. S28 The ^{19}F -NMR spectrum of compound **1b-BF₂** ($n = 12$).

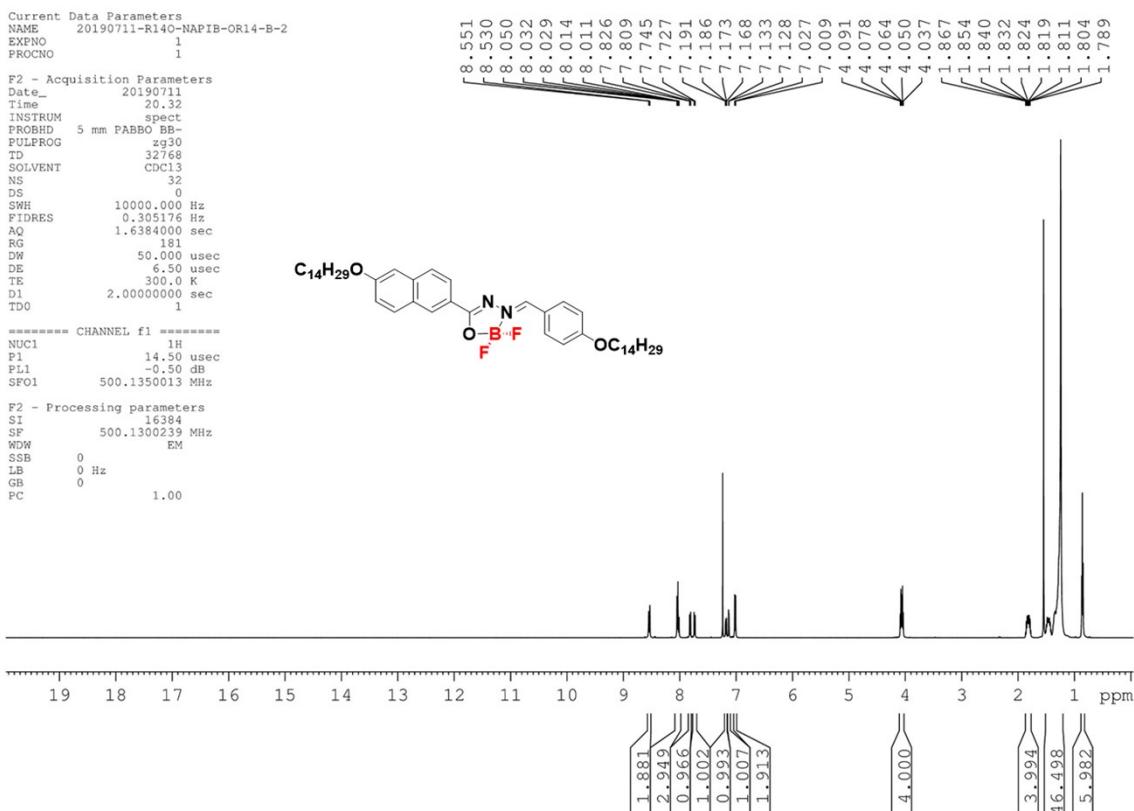


Fig. S29 The ^1H spectrum of compound **1b-BF₃** ($n = 14$).

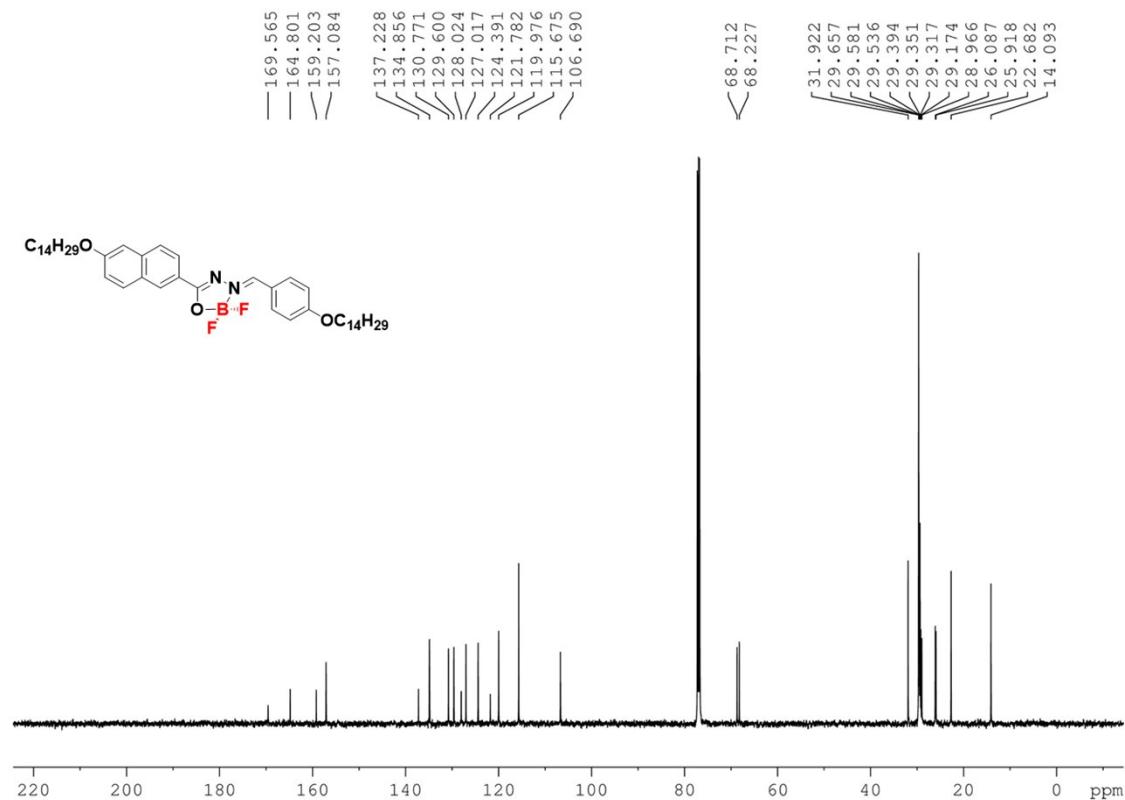


Fig. S30 The ¹³C NMR spectrum of compound **1b-BF₂** (n = 14).

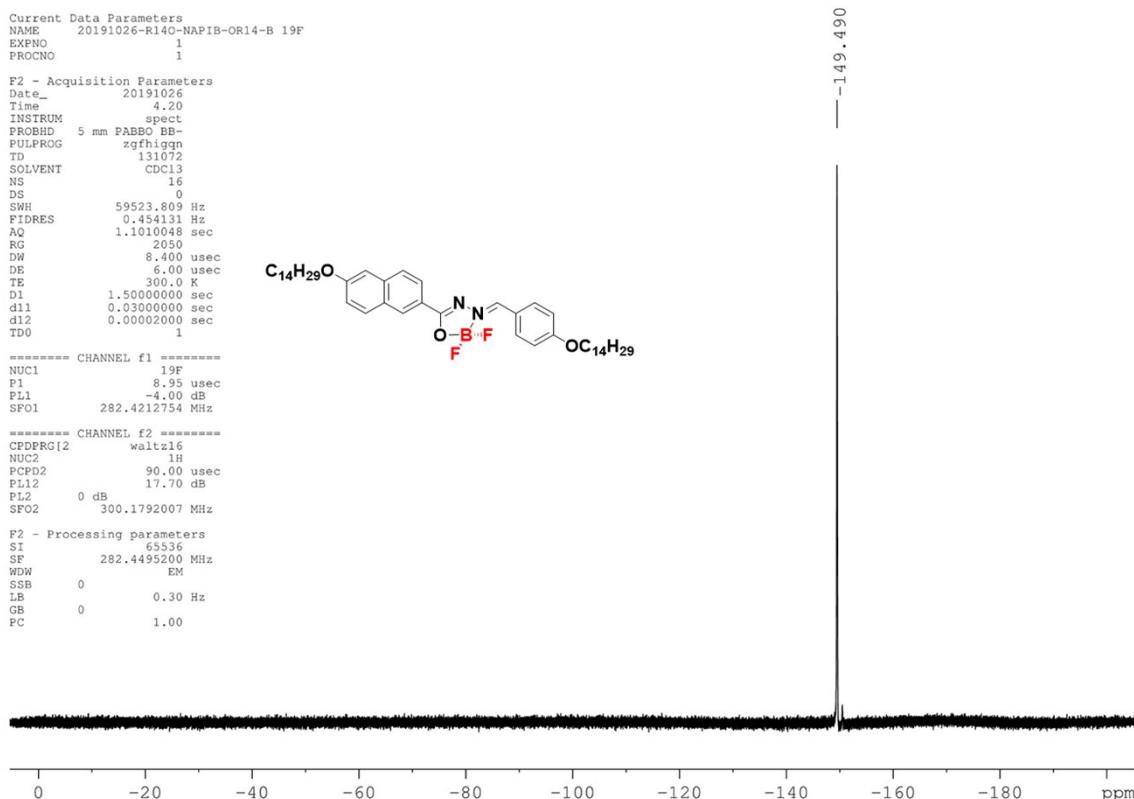


Fig. S31 The ¹⁹F-NMR spectrum of compound **1b-BF₂** (n = 14).

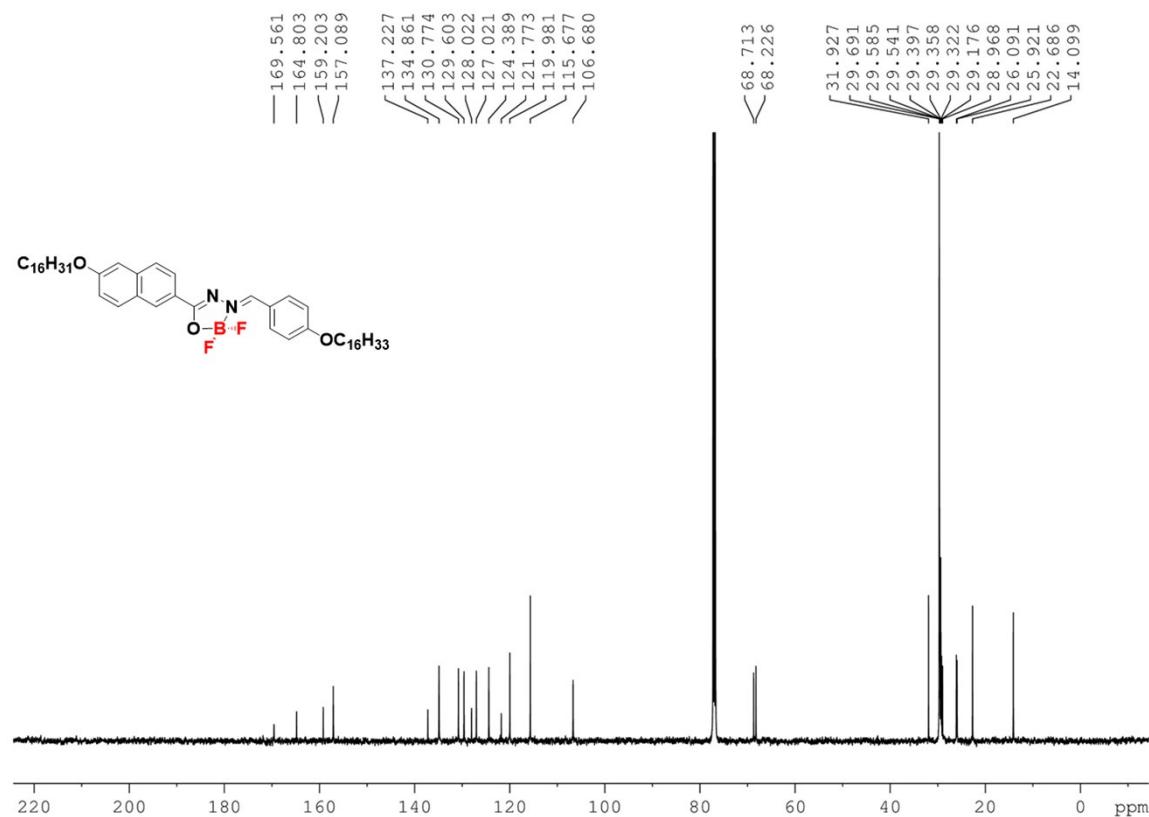
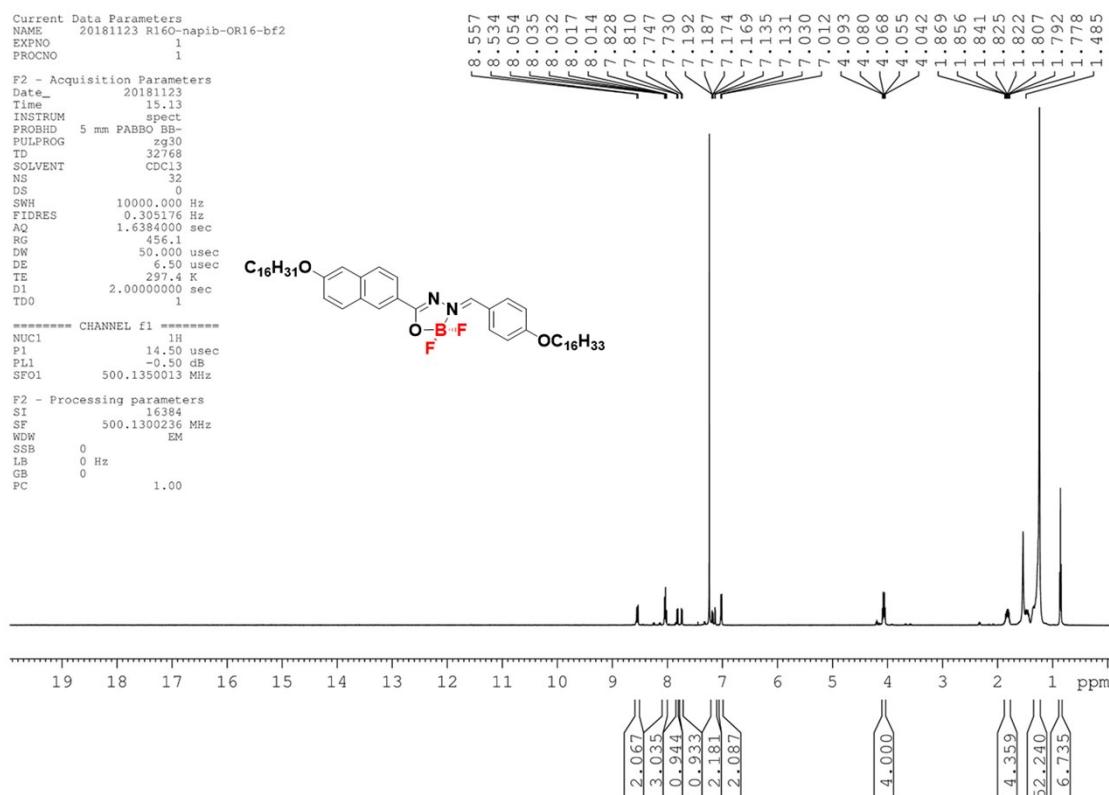


Fig. S33 The ^{13}C NMR spectrum of compound **1b-BF₂** ($n = 16$).

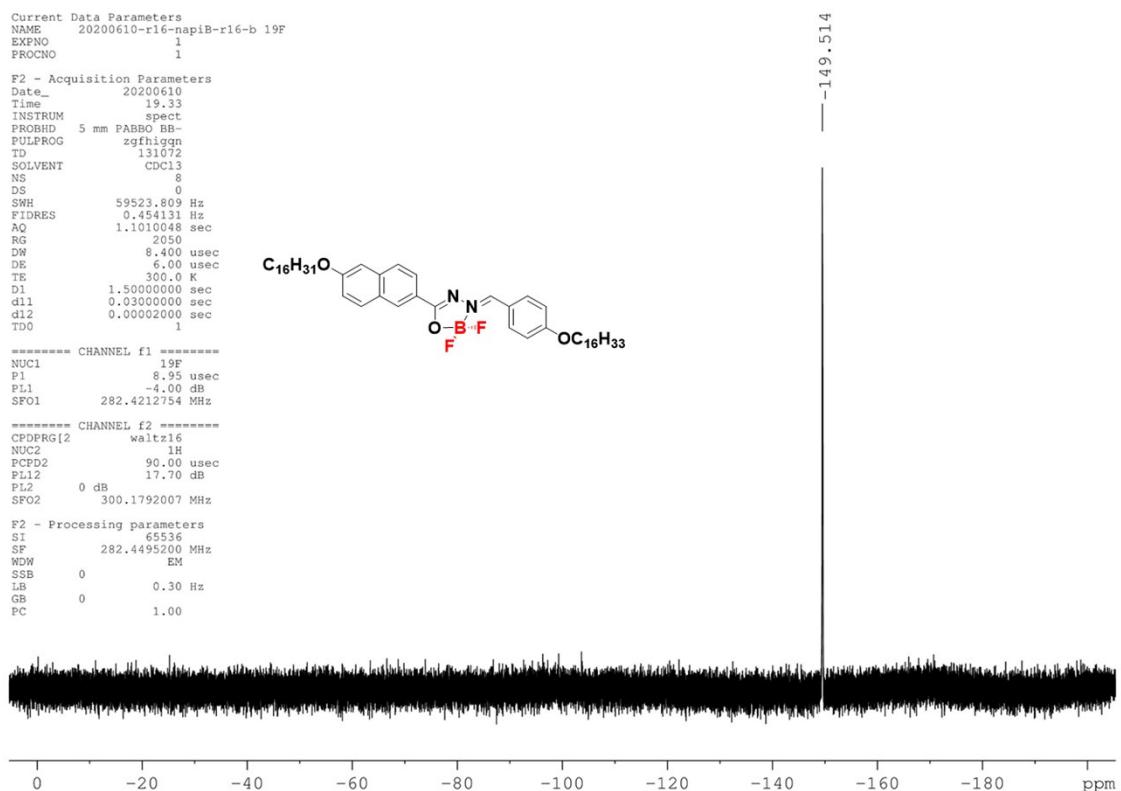


Fig. S34 The ^{19}F -NMR spectrum of compound $\mathbf{1b}\text{-BF}_2$ ($n = 16$).

2. The DSC Thermographs of Compounds $\mathbf{1a}\text{-BF}_2$ ($n = 8$)

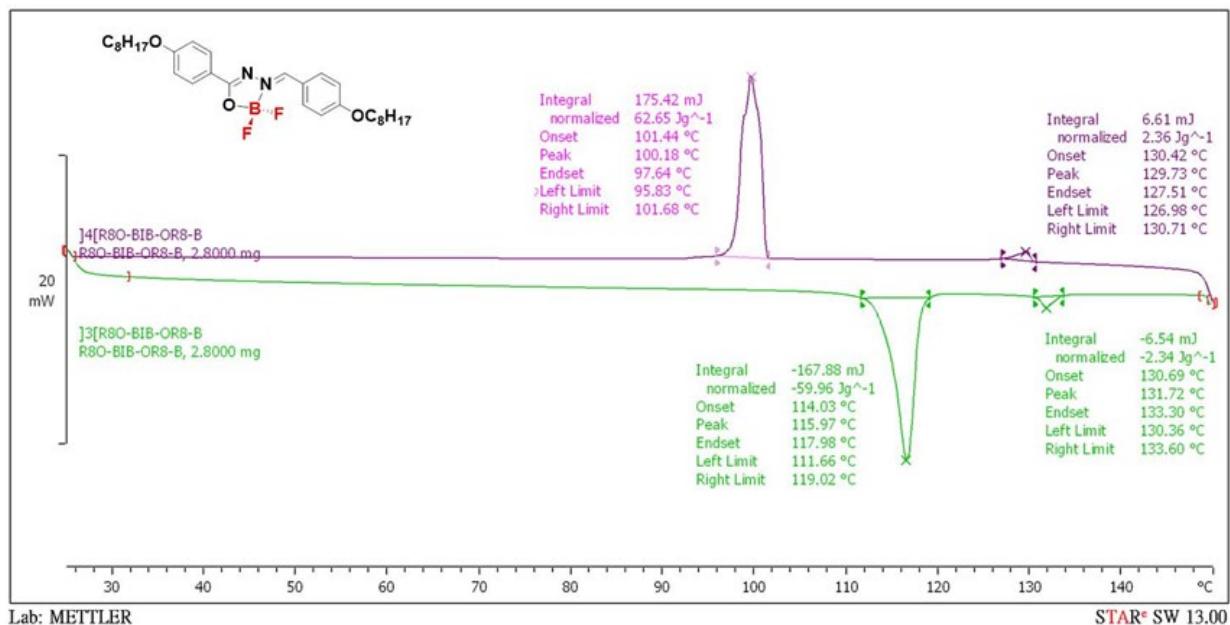


Fig. S35 DSC thermograph of compound $\mathbf{1a}\text{-BF}_2$ ($n = 8$).