Organocatalytic fluorogenic synthesis of chromenes

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Contents of Supporting Information

1. IR spectra

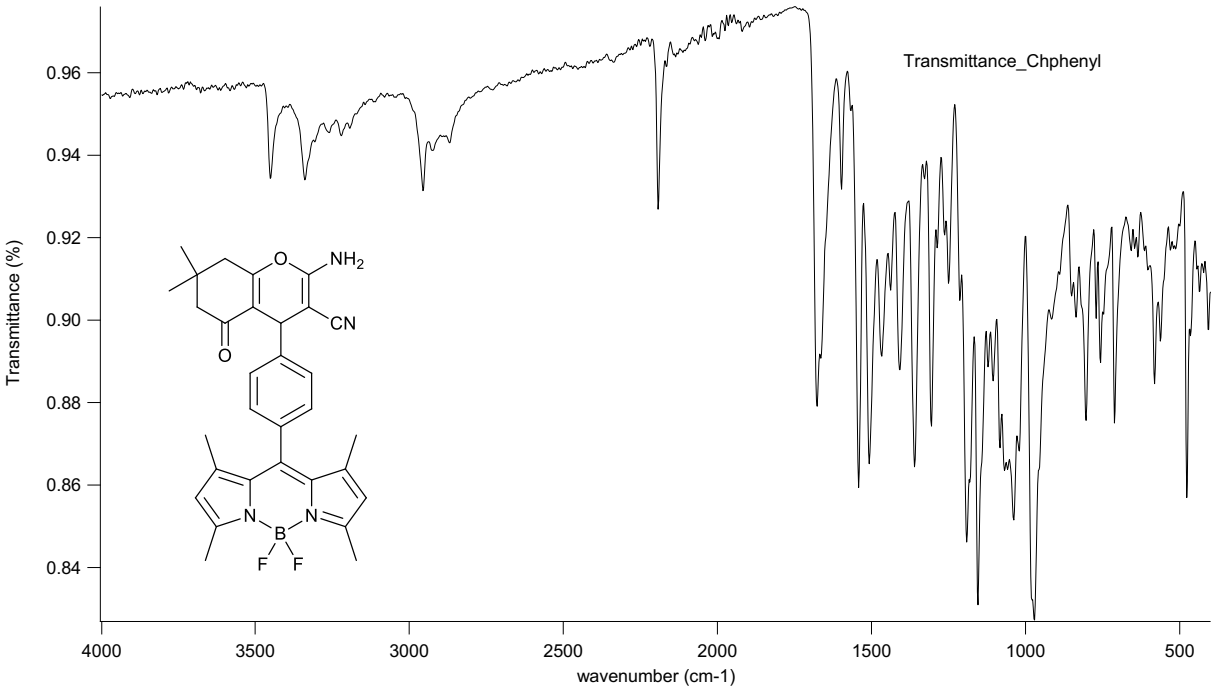

Figure S1. IR spectrum of compound **3**.

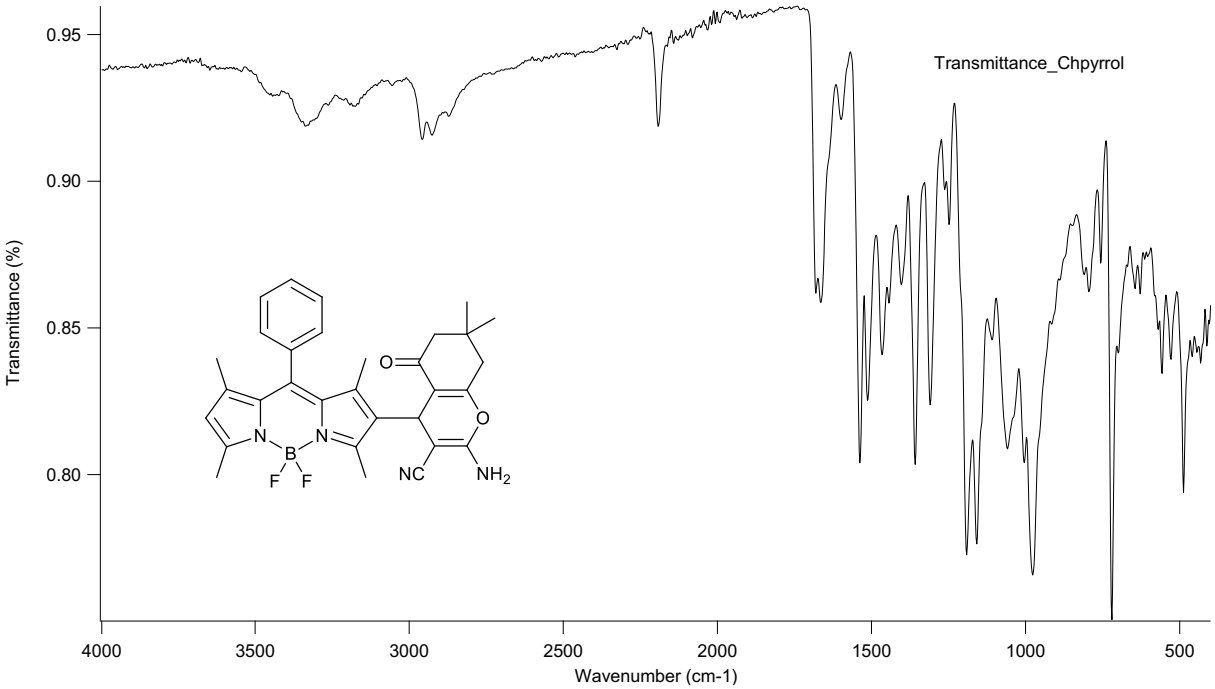

Figure S2. IR spectrum of compound **4**.

2. NMR spectra

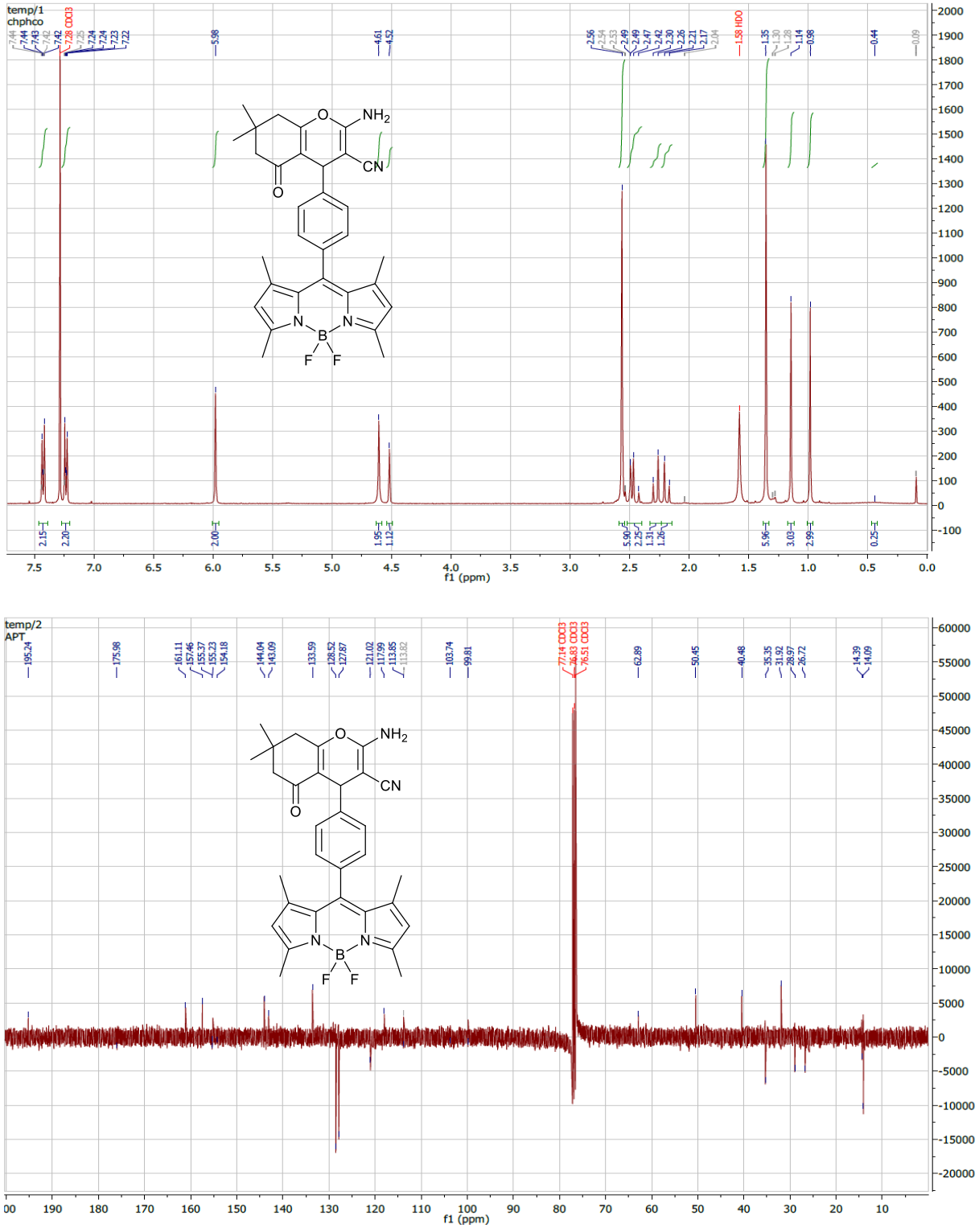

Figure S3. ^{1}H and ^{13}C NMR spectra of compound **3**.

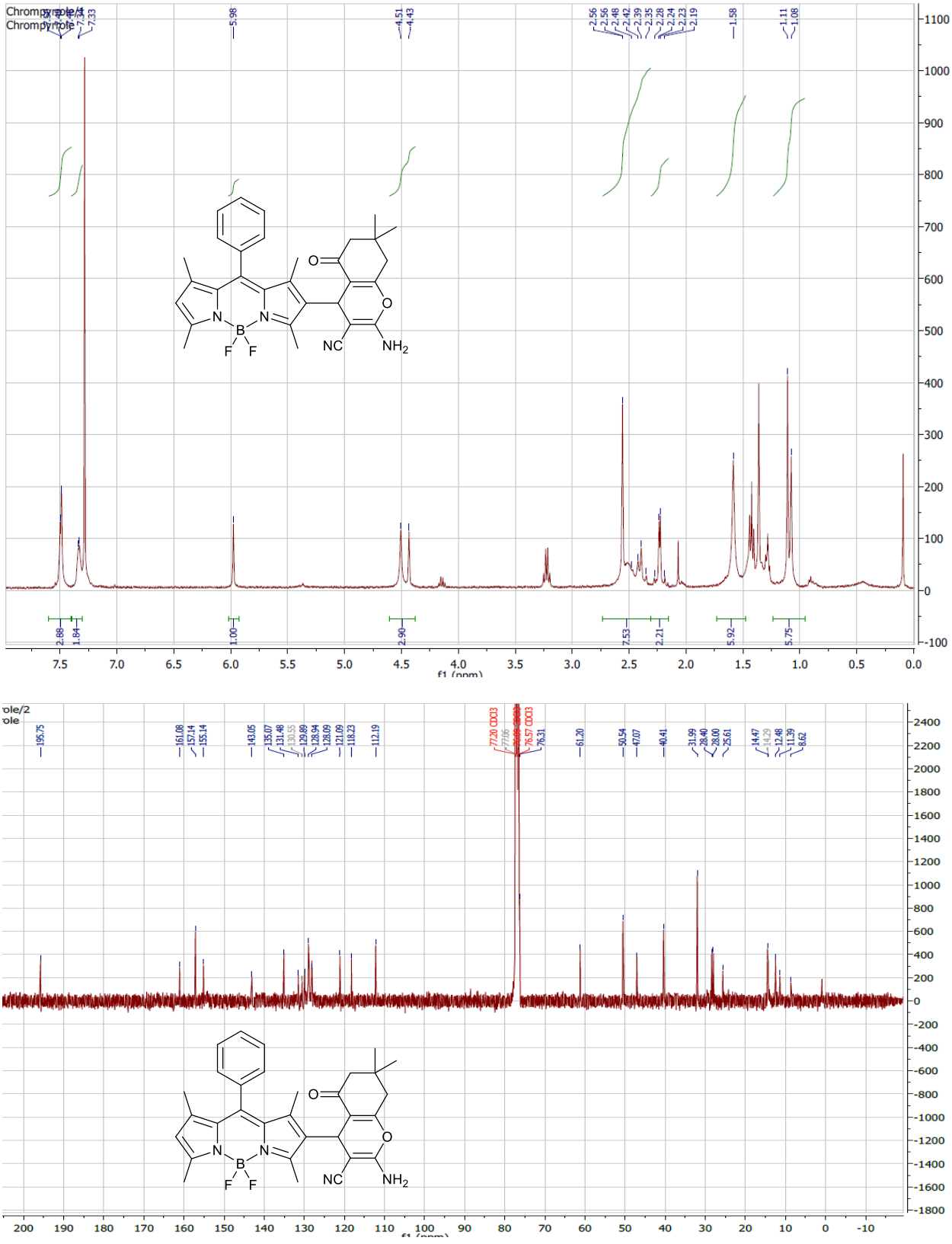

Figure S4. ^{1}H and ^{13}C NMR spectra of compound **4**.

3. Mass spectra

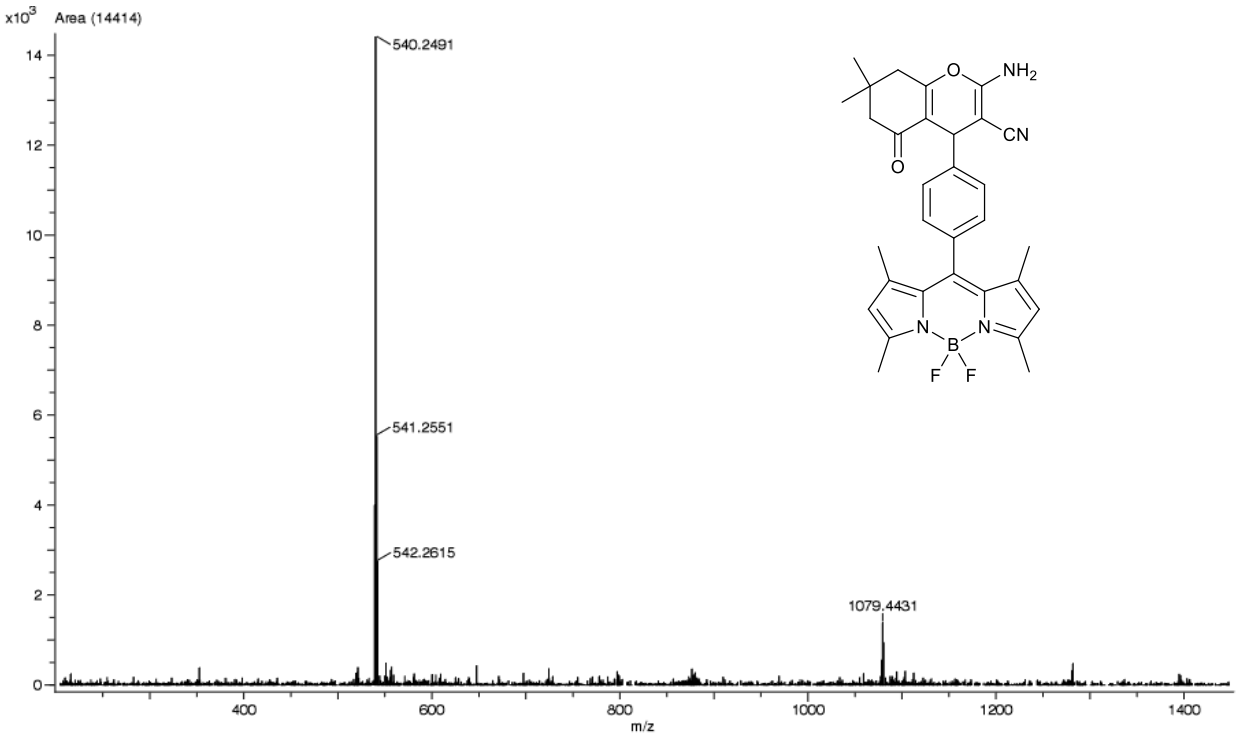

Figure S5. Mass spectrum of compound **3**.

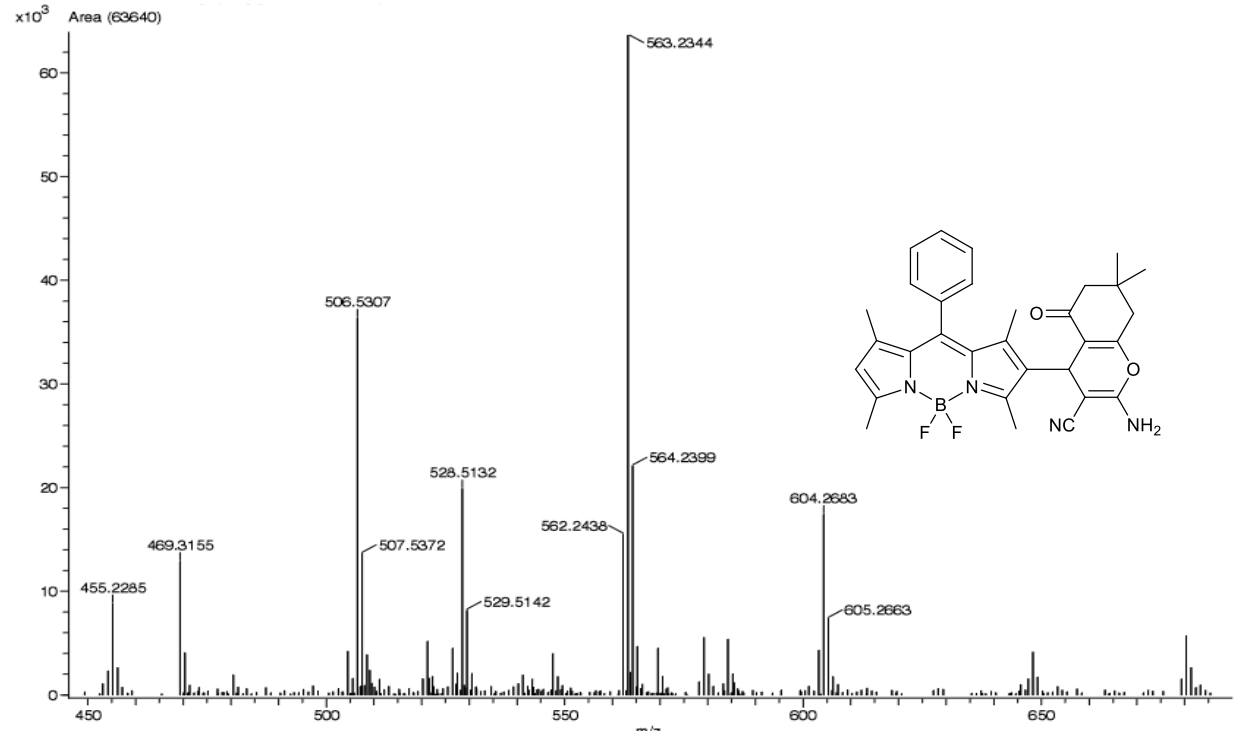

Figure S6. Mass spectrum of compound **4**.

4. Absorption, fluorescence excitation, and emission data

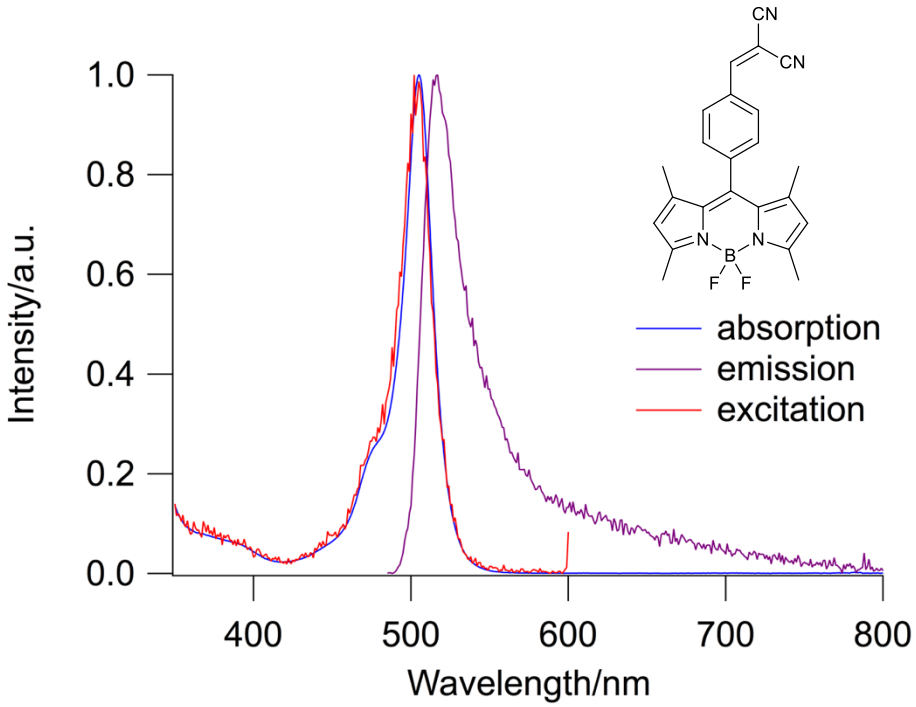

Figure S7. Absorption, fluorescence (λ_{ex} = 478 nm) and fluorescence excitation spectra (λ_{em} = 605 nm) of compound **1** in DCM.

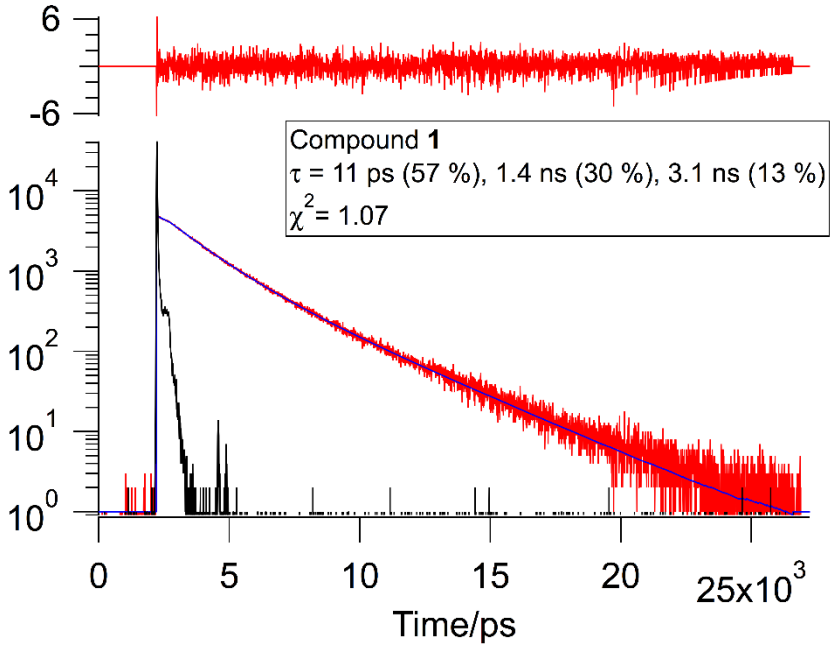

Figure S8. Time resolved fluorescence of compound **1** in DCM. The blue line is the fitted curve. The instrument response function is shown in black.

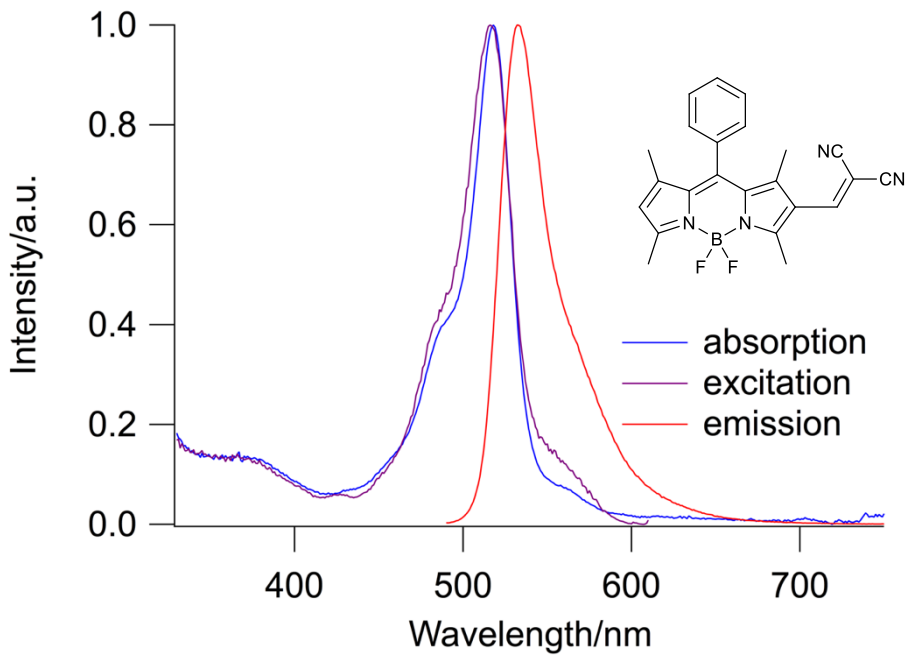

Figure S9. Absorption, fluorescence (λ_{ex}= 485 nm) and fluorescence excitation spectra (λ_{em} = 625 nm) of compound **2** in DCM**.**

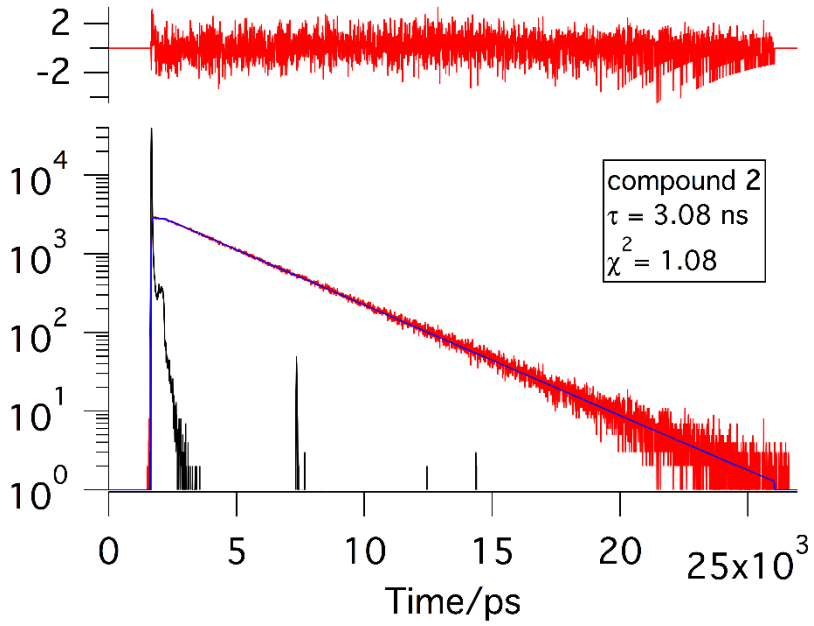

Figure S10. Time resolved fluorescence of compound **2** in DCM. The smooth blue line is the fitted curve. The instrument response function is shown in black.

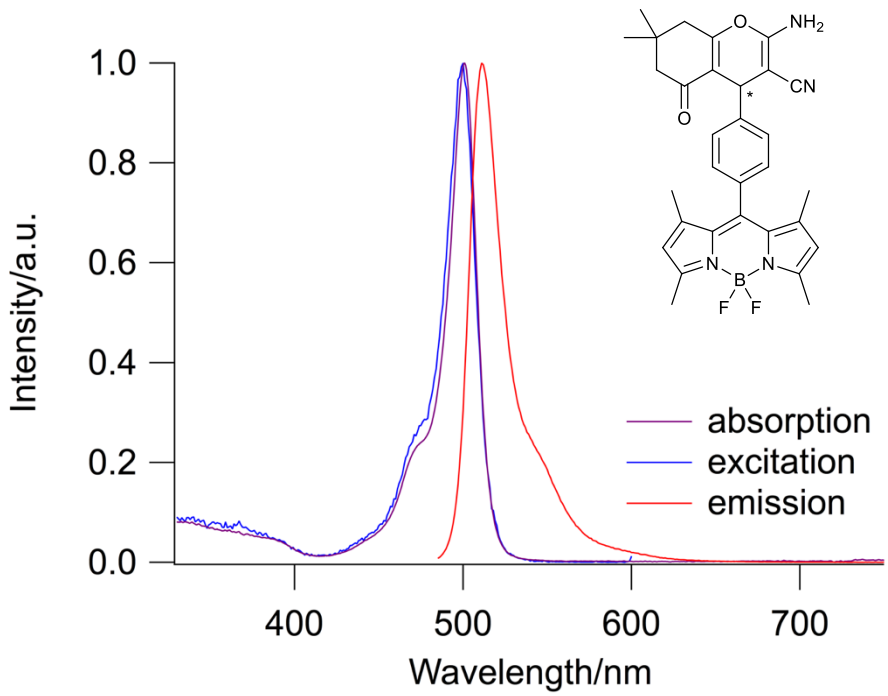

Figure S11. Absorption, fluorescence (λ_{ex} = 478 nm) and fluorescence excitation spectra (λ_{em} = 605 nm) of compound **3** in DCM.

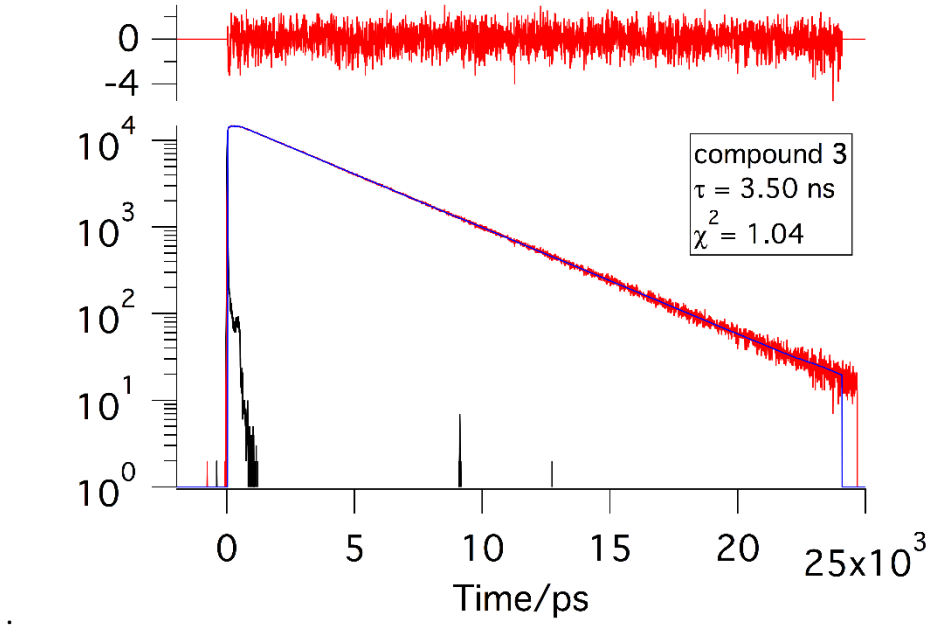

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Figure S12. Time resolved fluorescence of compound **3** in DCM. The blue line is the fitted curve. The IRF is shown in black.

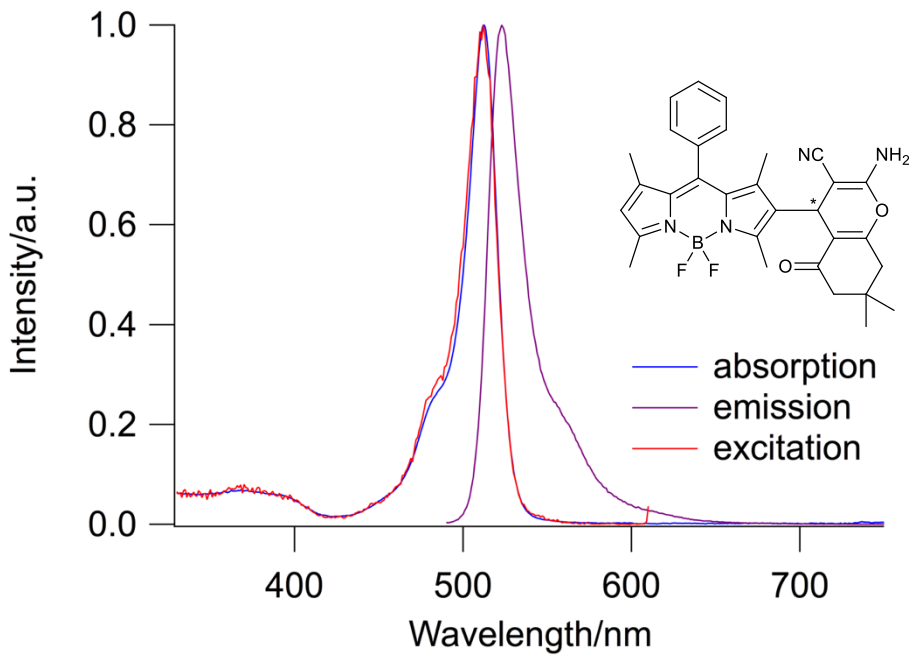

Figure S13. Absorption, fluorescence (λ_{ex} = 485 nm) and fluorescence excitation spectra (λ_{em} = 615 nm) of compound **4** in DCM.

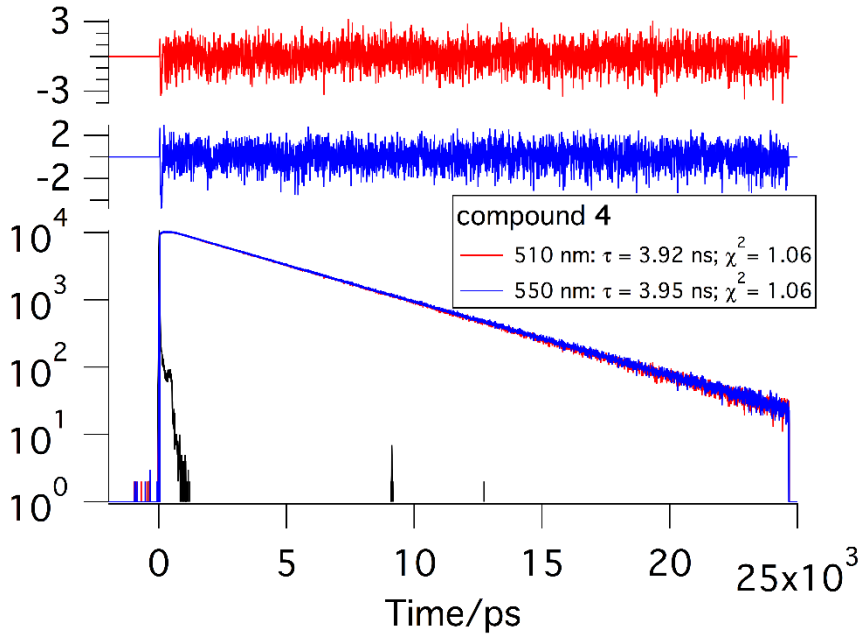

Figure S14. Time resolved fluorescence of compound **4** at two different emission wavelengths in DCM. IRF shown in black.