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Supplementary Information

Copper-assisted azide-alkyne cycloaddition chemistry as a tool for the production of emissive boron difluoride 3-cyanoformazanates

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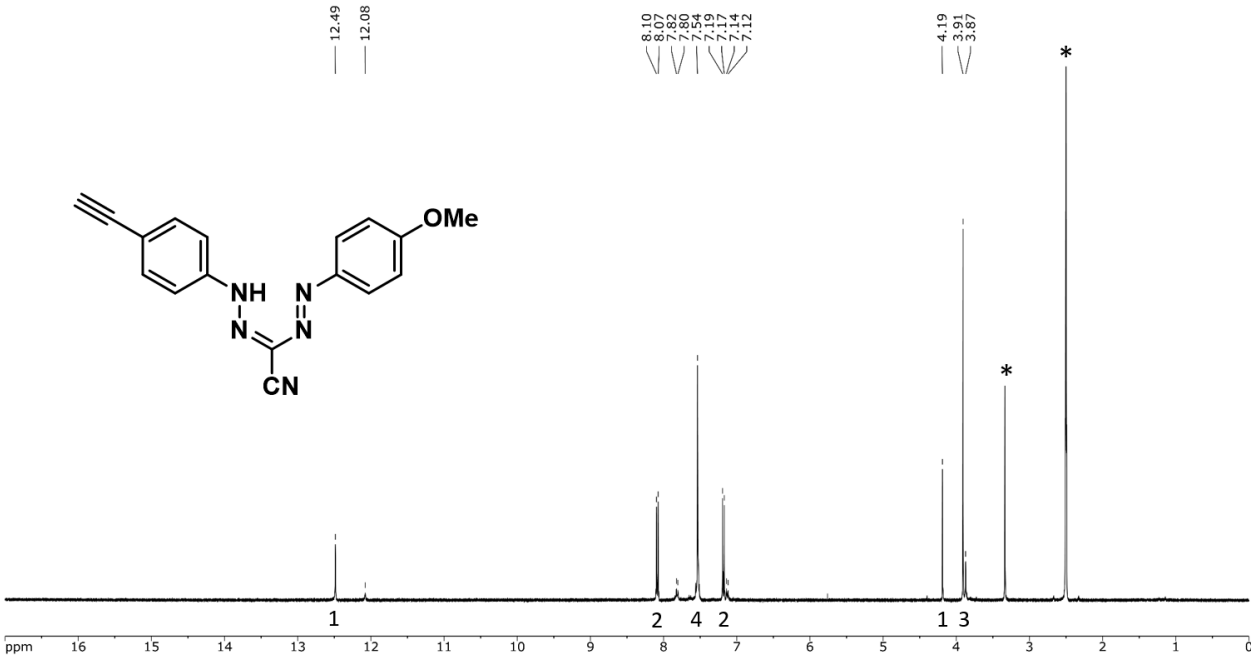

Fig. S1 ^{1}H NMR spectrum of **6** in DMSO-*d6*. The asterisks denote residual solvent signals.

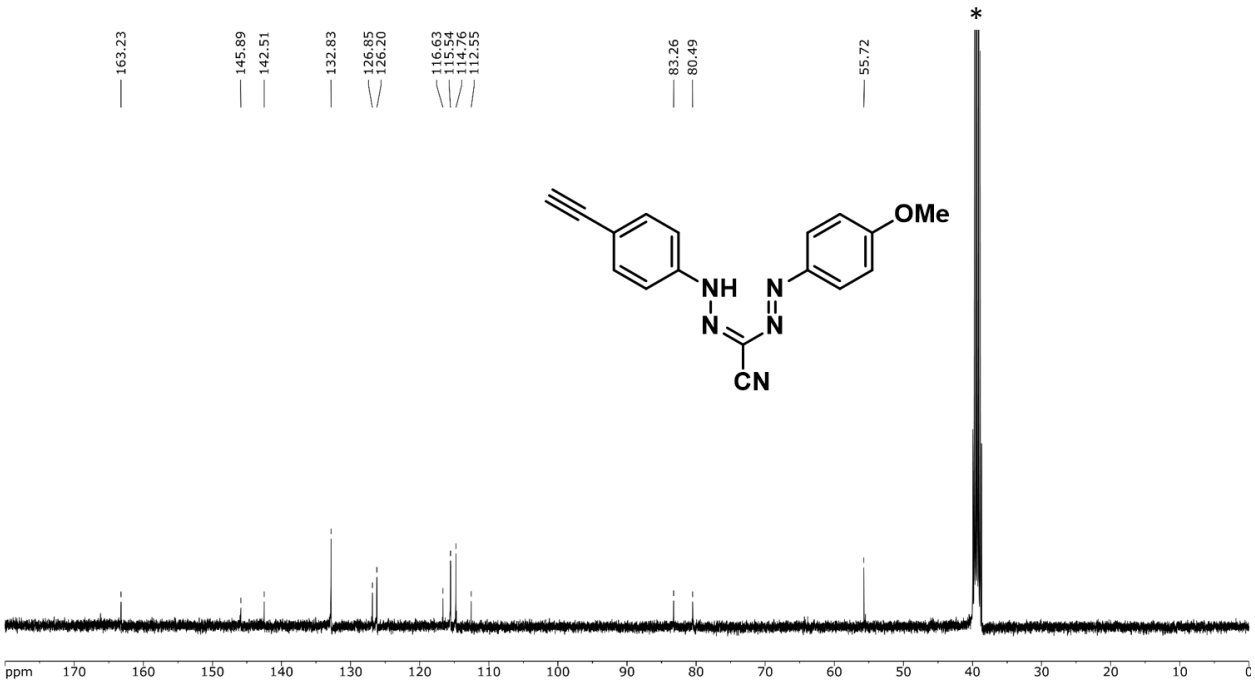

Fig. S2 ^{13}C{^{1}H} NMR spectrum of **6** in DMSO-*d6*. The asterisk denotes solvent signal.

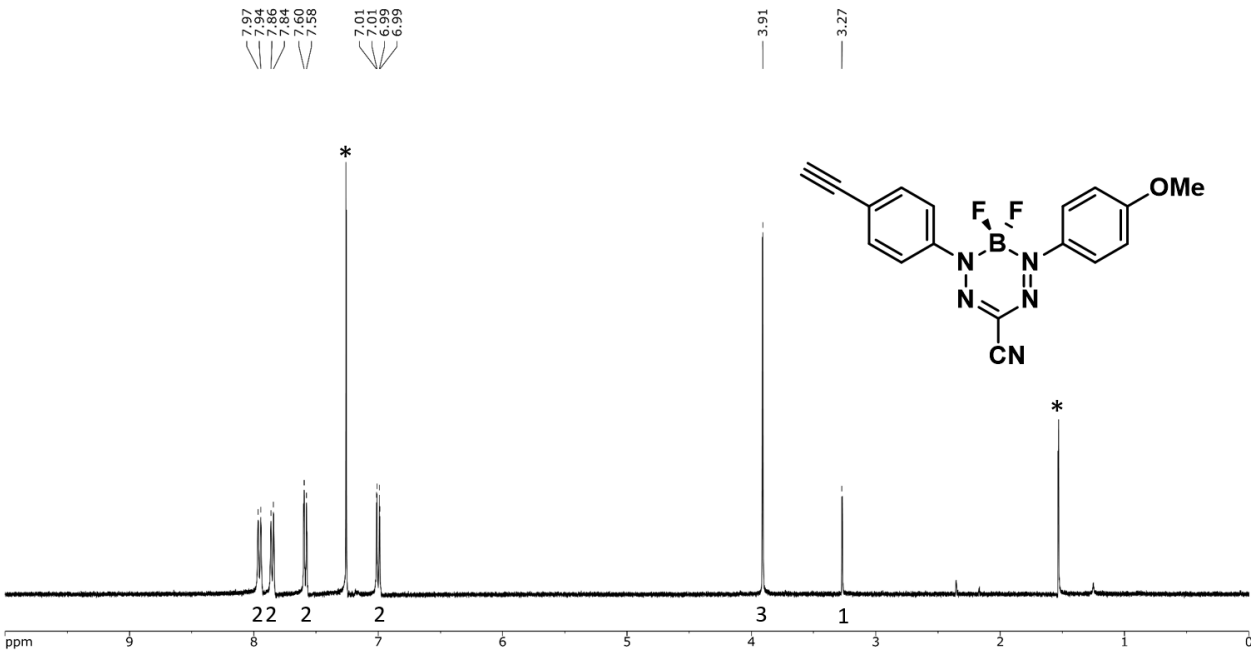

Fig. S3 ^{1}H NMR spectrum of **7** in $CDCl_3$. The asterisks denote residual solvent signals.

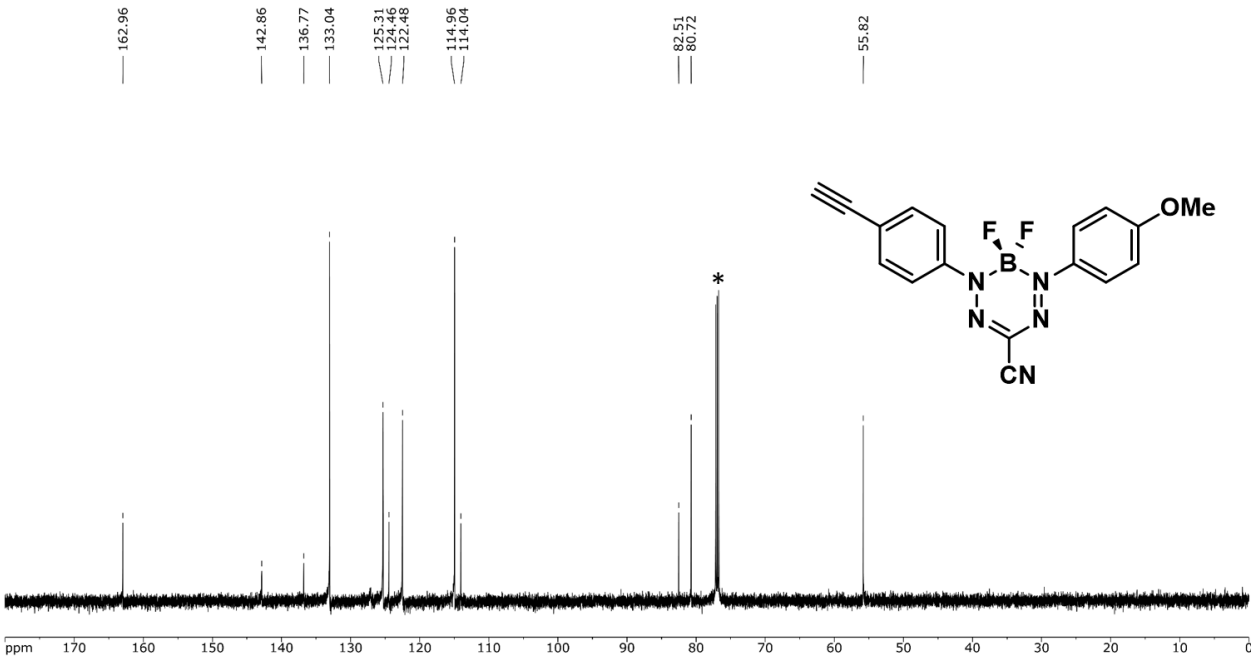

Fig. S4 $^{13}C\{^{1}H\}$ NMR spectrum of **7** in $CDCl_3$. The asterisk denotes solvent signal.

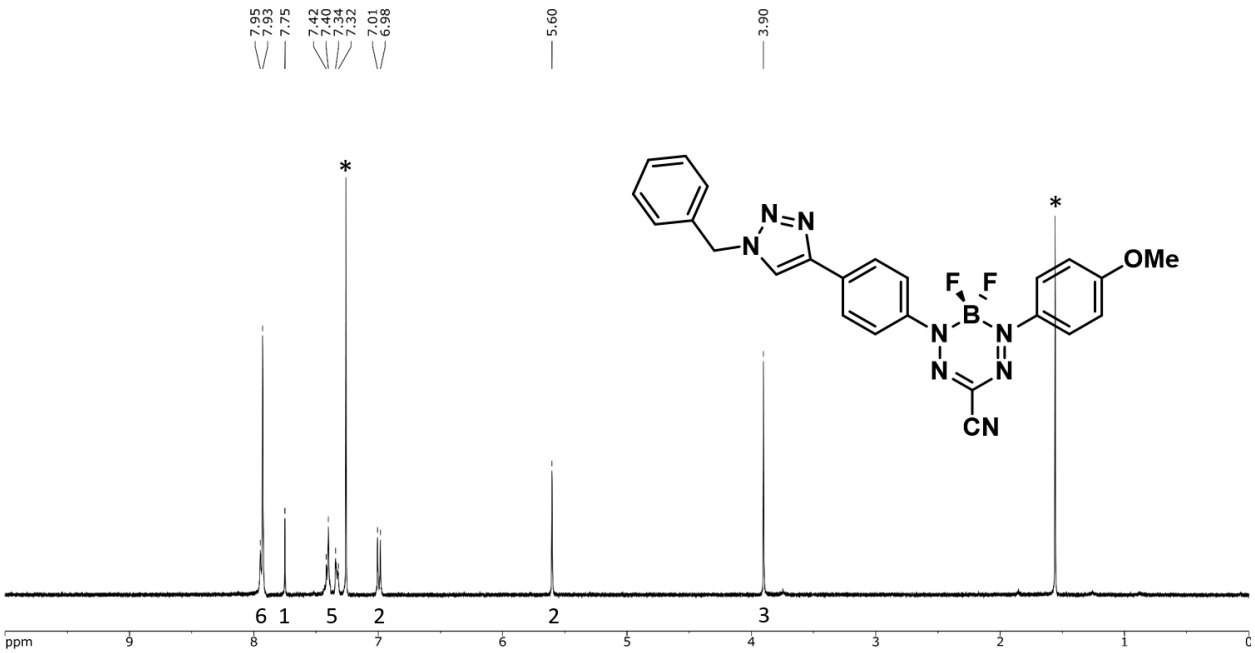

Fig. S5 ^{1}H NMR spectrum of **8** in $CDCl_3$. The asterisks denote residual solvent signals.

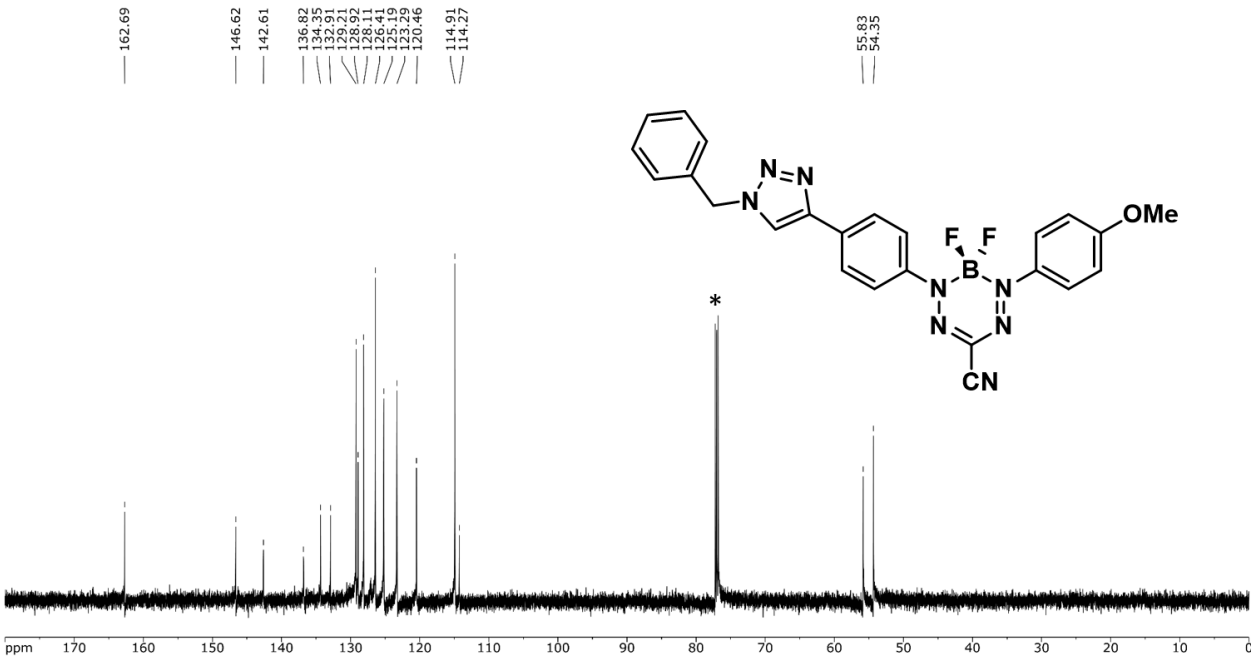

Fig. S6 $^{13}C\{^{1}H\}$ NMR spectrum of **8** in $CDCl_3$. The asterisk denotes solvent signal.

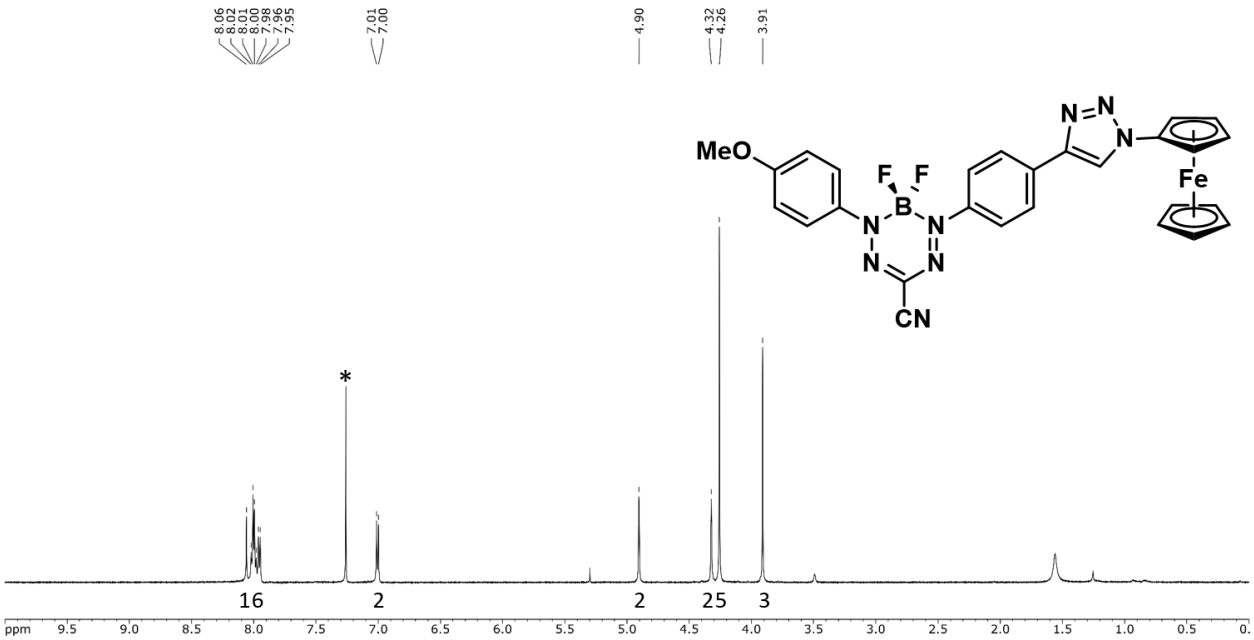

Fig. S7 ^{1}H NMR spectrum of **9** in $CDCl_3$. The asterisk denotes residual solvent signal.

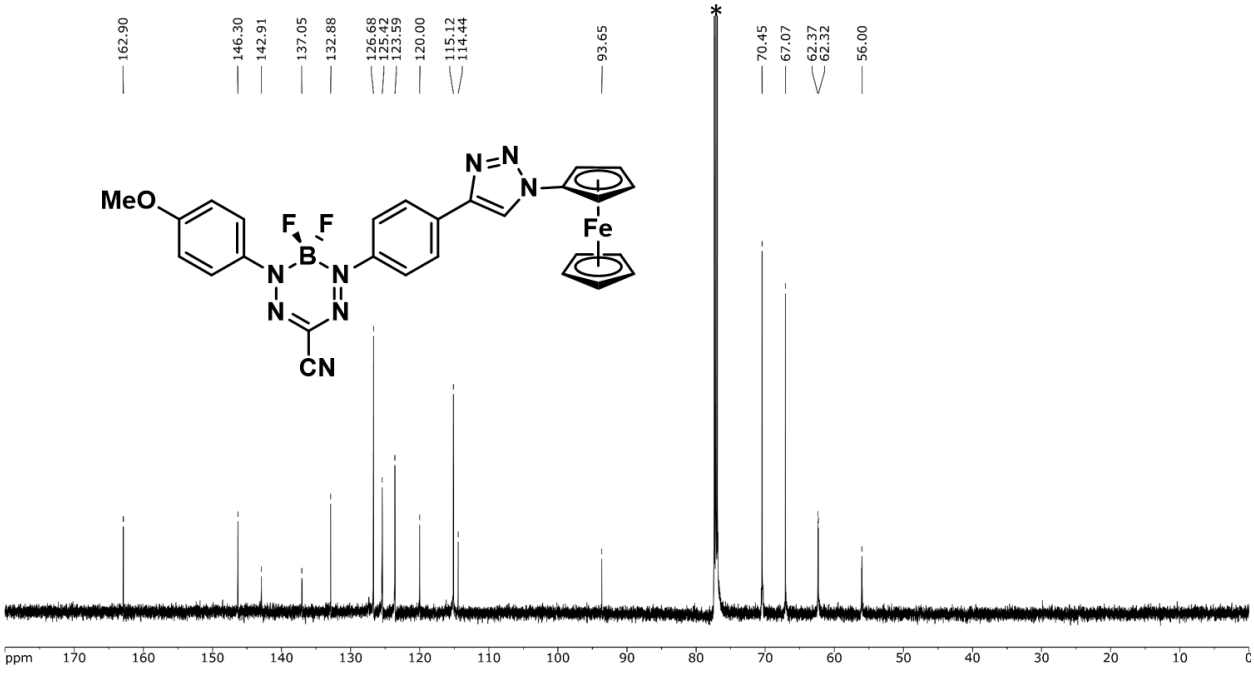

Fig. S8 $^{13}C\{^{1}H\}$ NMR spectrum of **9** in $CDCl_3$. The asterisk denotes solvent signal.

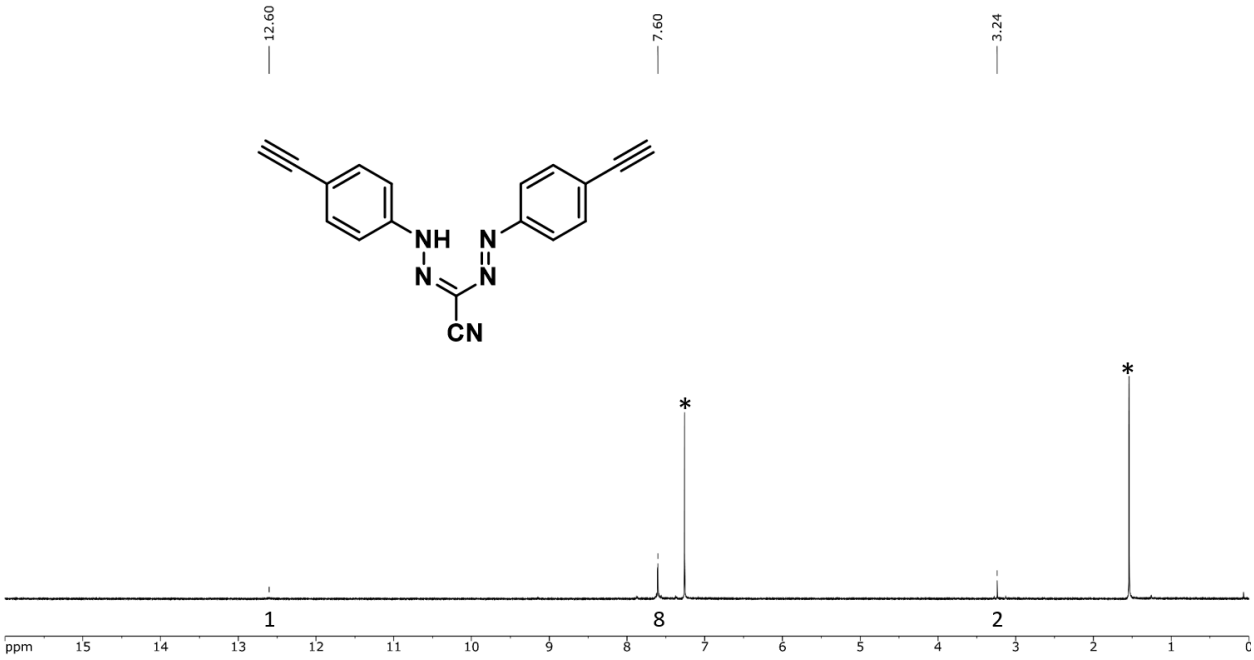

Fig. S9 ^{1}H NMR spectrum of **10** in $CDCl_3$. The asterisks denote residual solvent signals.

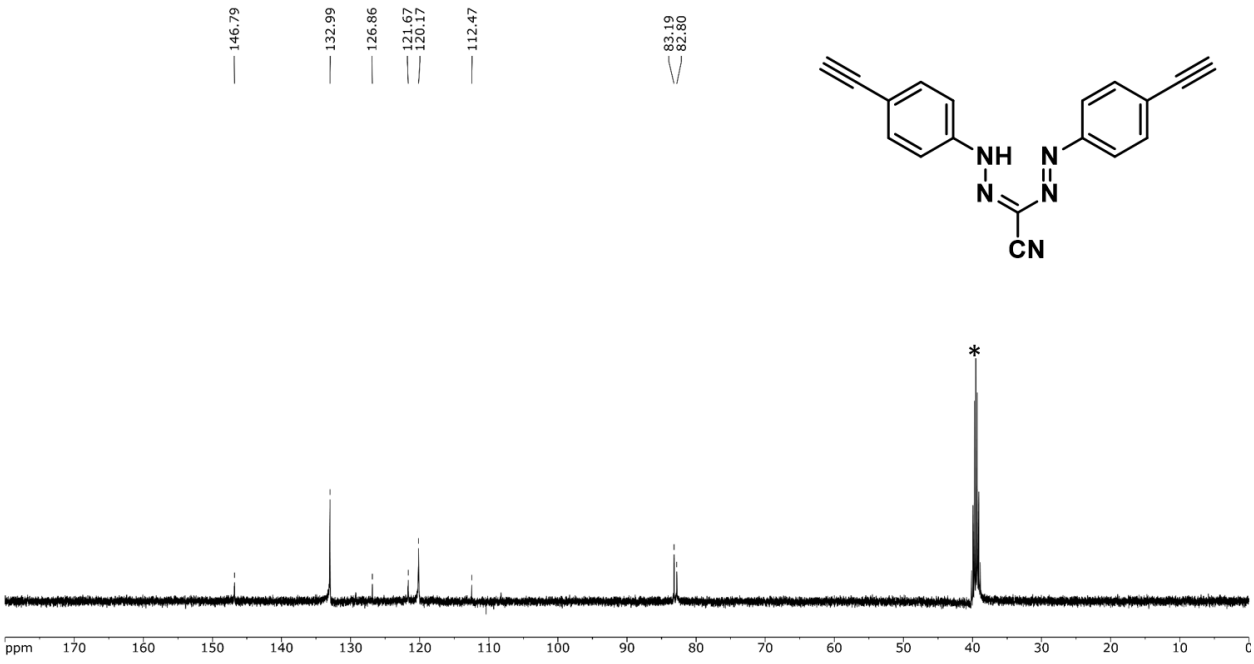

Fig. S10 $^{13}C\{^{1}H\}$ NMR spectrum of **10** in DMSO-*d6*. The asterisk denotes solvent signal.

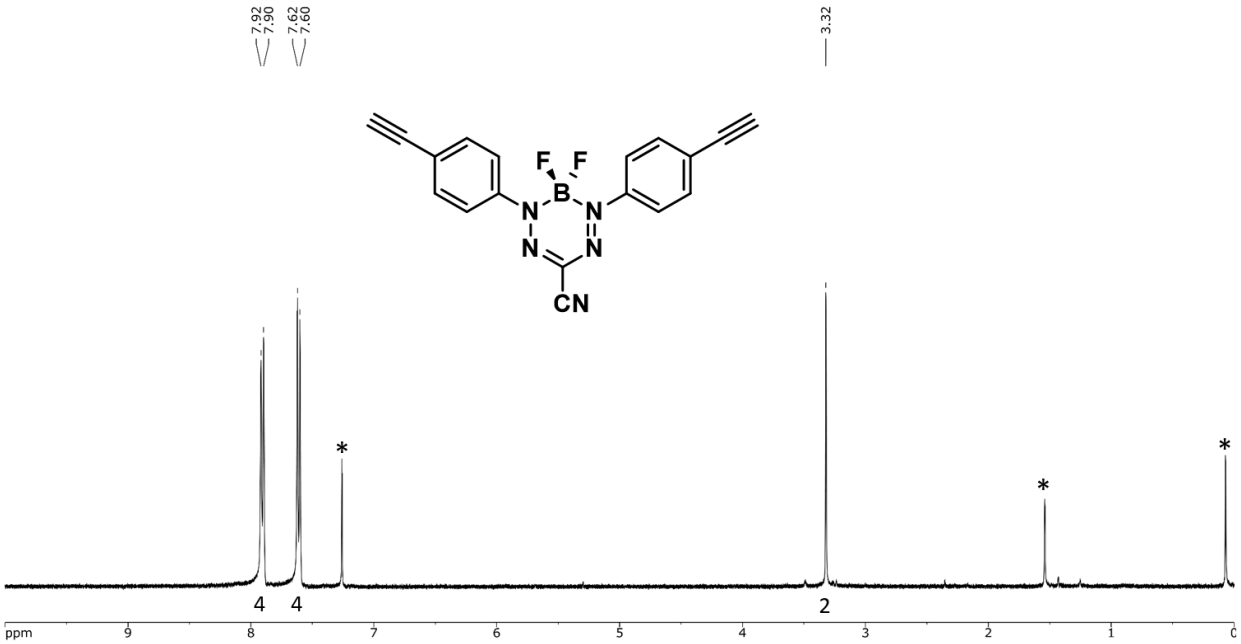

Fig. S11 ^{1}H NMR spectrum of **11** in $CDCl_3$. The asterisks denote residual solvent signals.

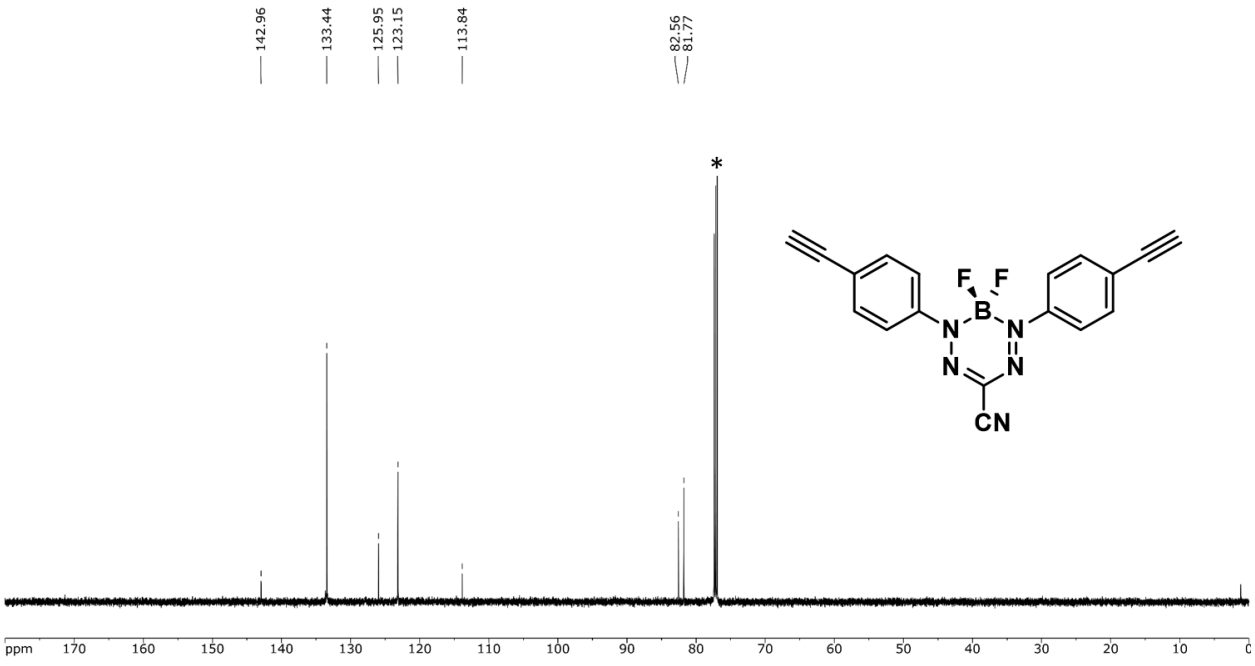

Fig. S12 $^{13}C\{^{1}H\}$ NMR spectrum of **11** in $CDCl_3$. The asterisk denotes solvent signal.

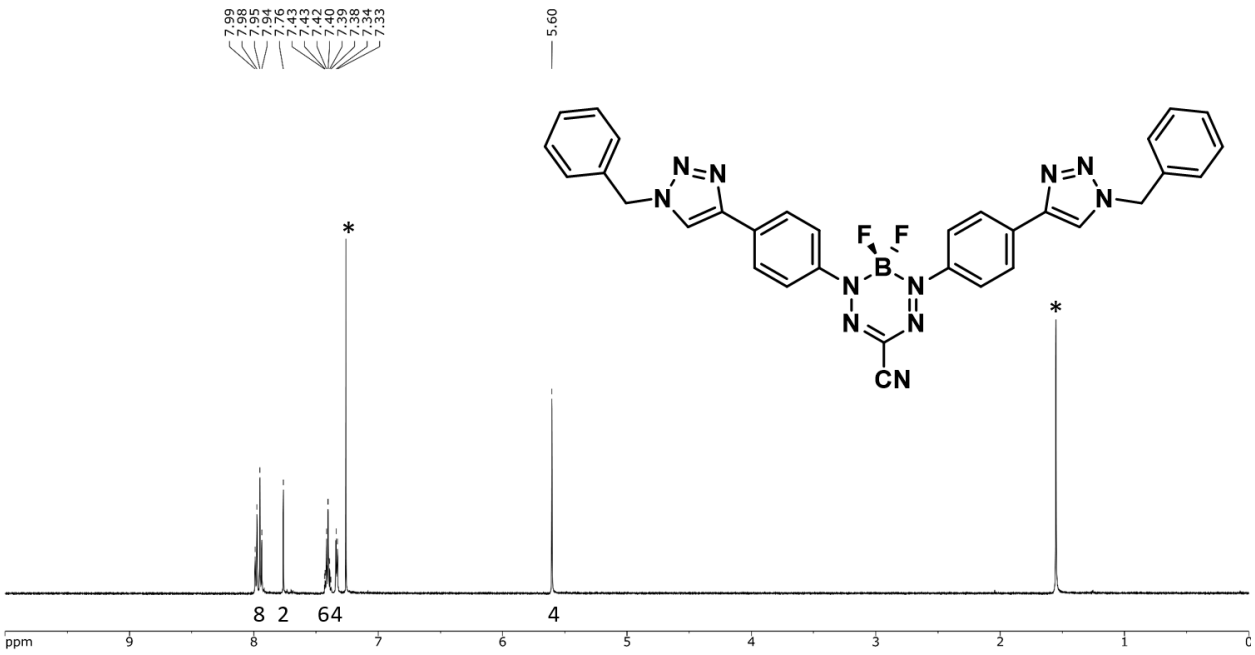

Fig. S13 ^{1}H NMR spectrum of **12** in $CDCl_3$. The asterisks denote residual solvent signals.

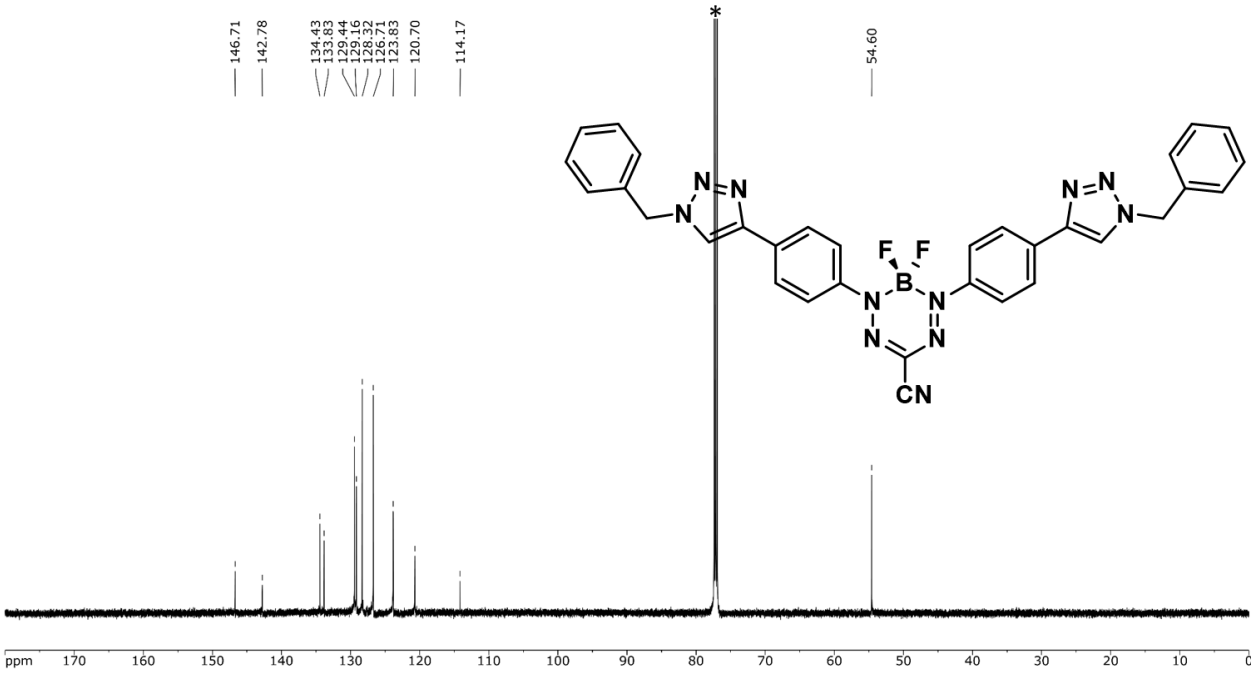

Fig. S14 $^{13}C\{^{1}H\}$ NMR spectrum of **12** in $CDCl_3$. The asterisk denotes solvent signal.

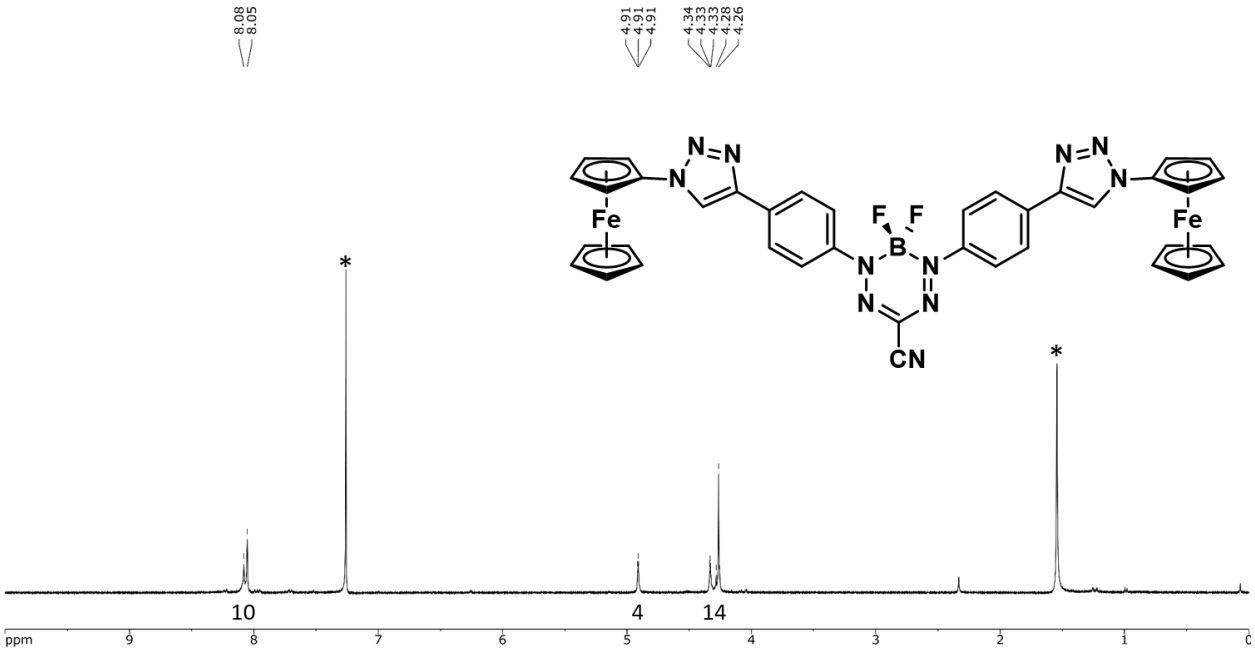

Fig. S15 ^{1}H NMR spectrum of **13** in $CDCl_3$. The asterisks denote residual solvent signals.

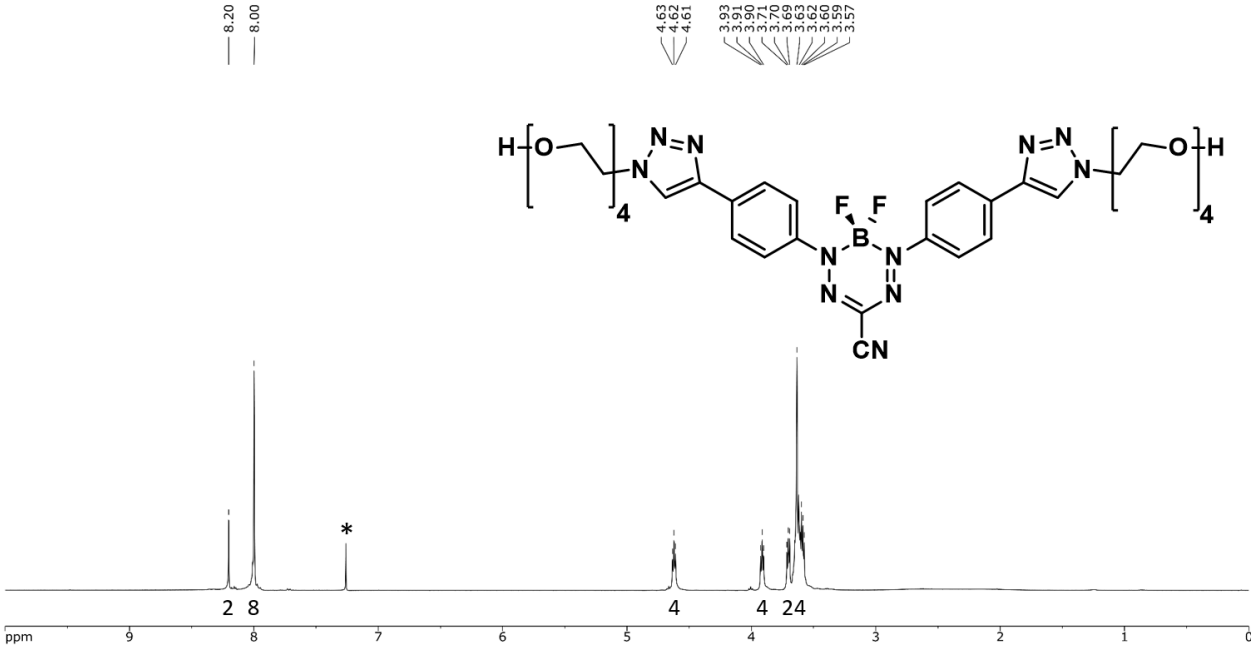

Fig. S16 ^{1}H NMR spectrum of **14** in $CDCl_3$. The asterisk denotes residual solvent signal.

Fig. S17 $^{13}C\{^{1}H\}$ NMR spectrum of **14** in $CDCl_3$. The asterisks denote solvent signals.

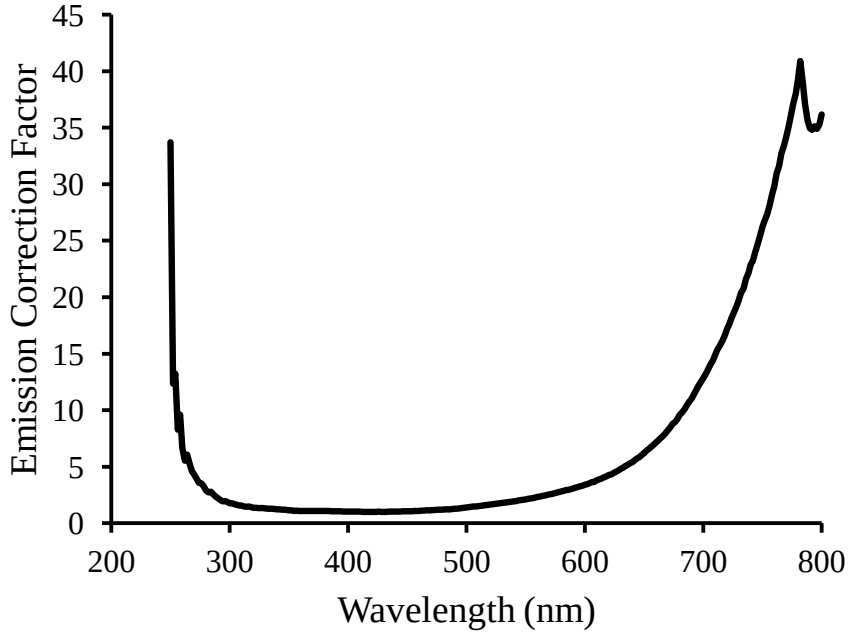

Fig. S18 Wavelength-dependent emission correction provided by Photon Technology International.

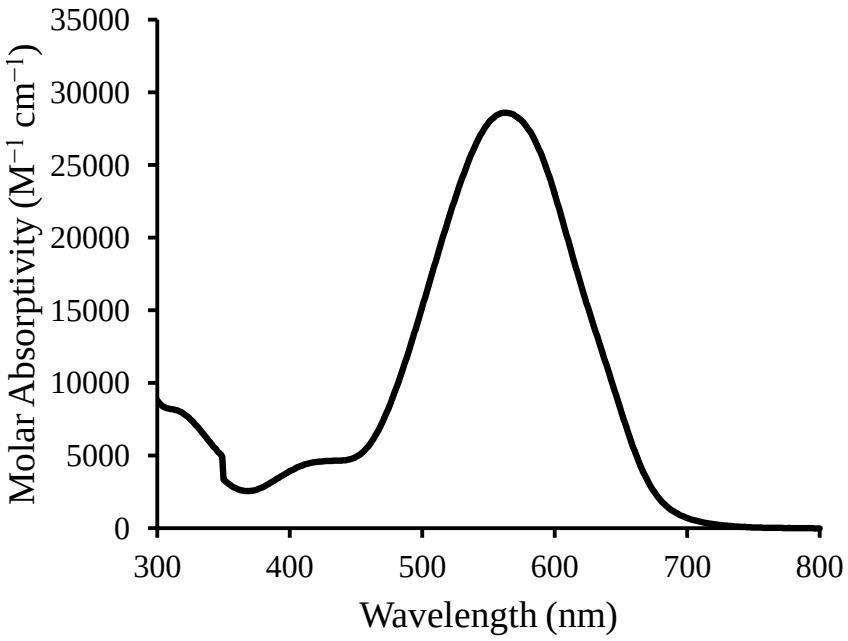

Fig. S19 UV-vis absorption spectrum of **9** in CH_2Cl_2.

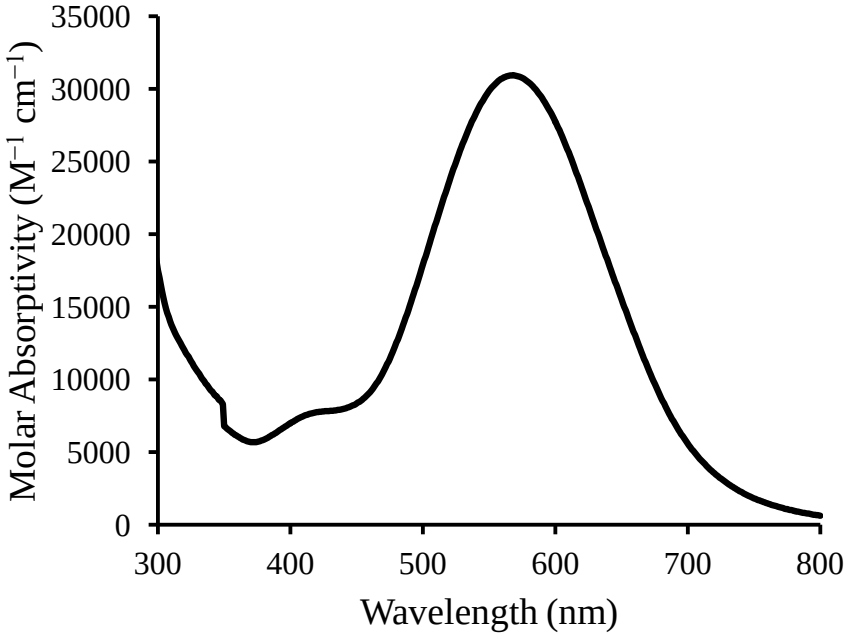

Fig. S20 UV-vis absorption spectrum of **13** in CH_2Cl_2.