

## NMR Spectroscopy

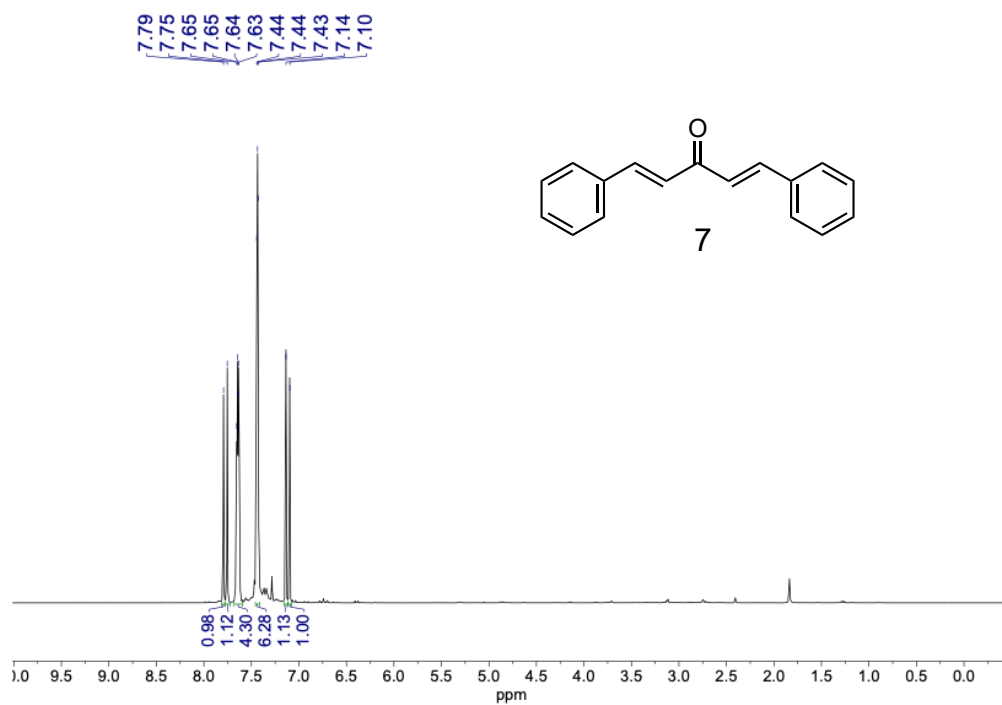


Figure S1. <sup>1</sup>H-NMR of compound **7** in CDCl<sub>3</sub> at 400 MHz.

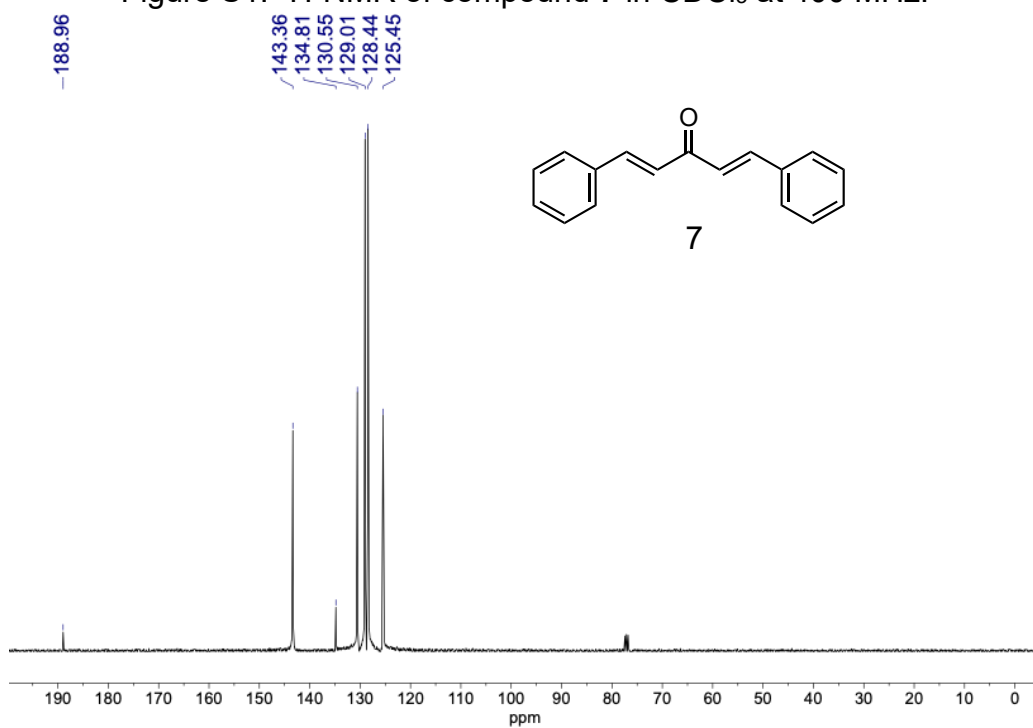


Figure S2. <sup>13</sup>C-NMR of compound **7** in CDCl<sub>3</sub> at 100 MHz.



Figure S3. <sup>1</sup>H-NMR of compound **8** in CDCl<sub>3</sub> at 400 MHz.

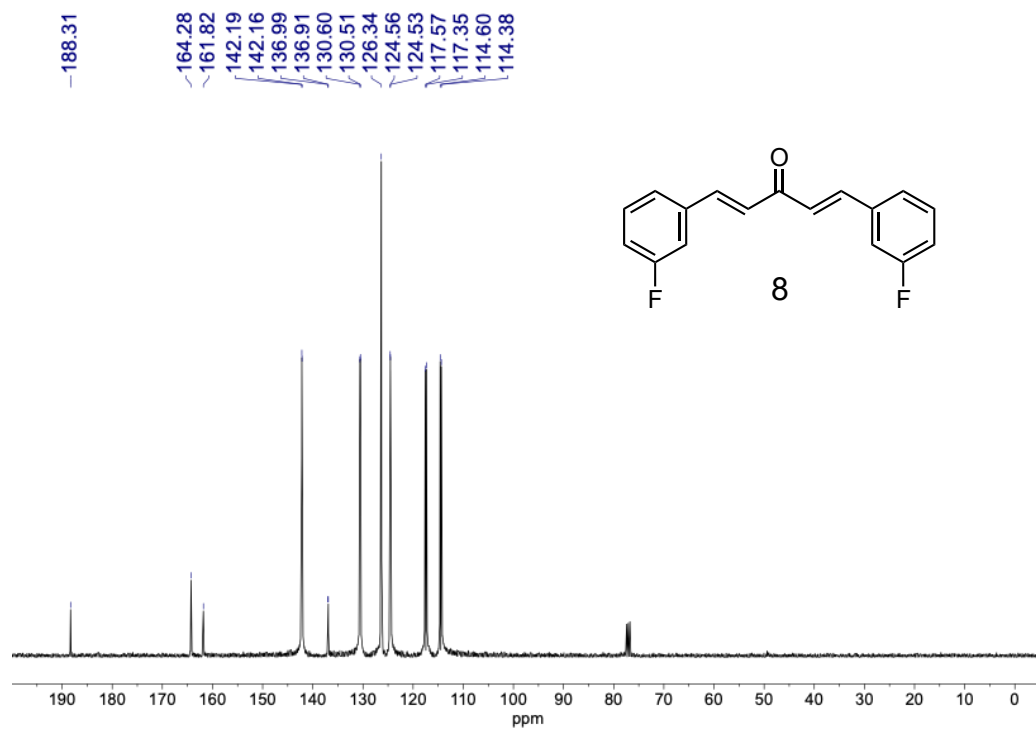


Figure S4. <sup>13</sup>C-NMR of compound **8** in CDCl<sub>3</sub> at 100 MHz.

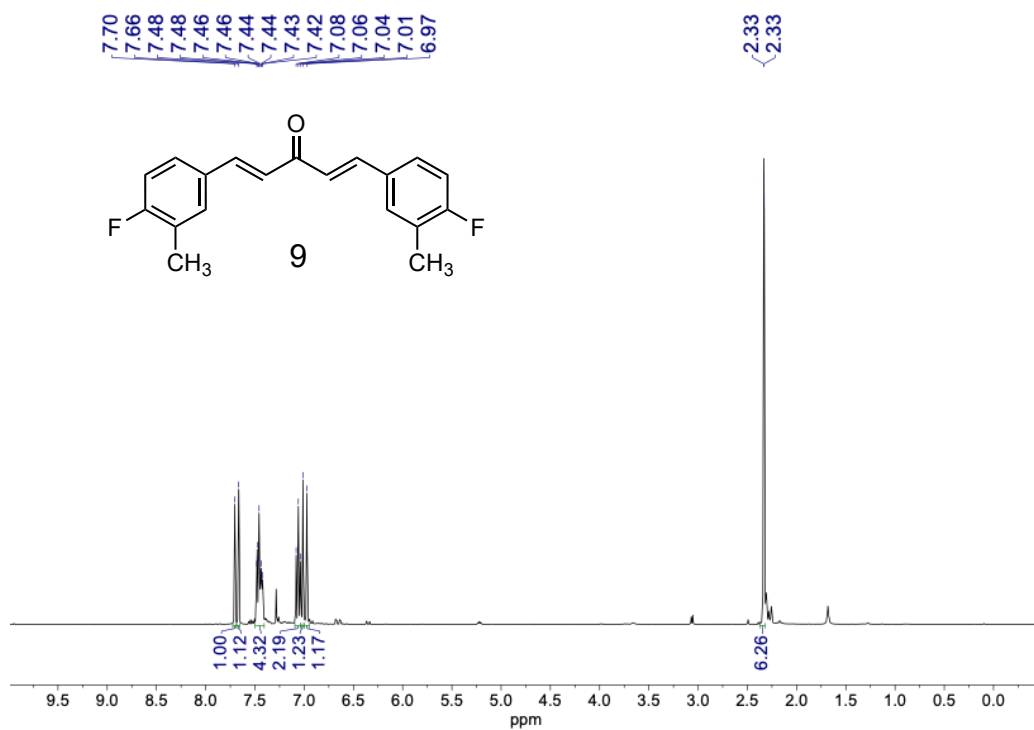


Figure S5. <sup>1</sup>H-NMR of compound **9** in CDCl<sub>3</sub> at 400 MHz.

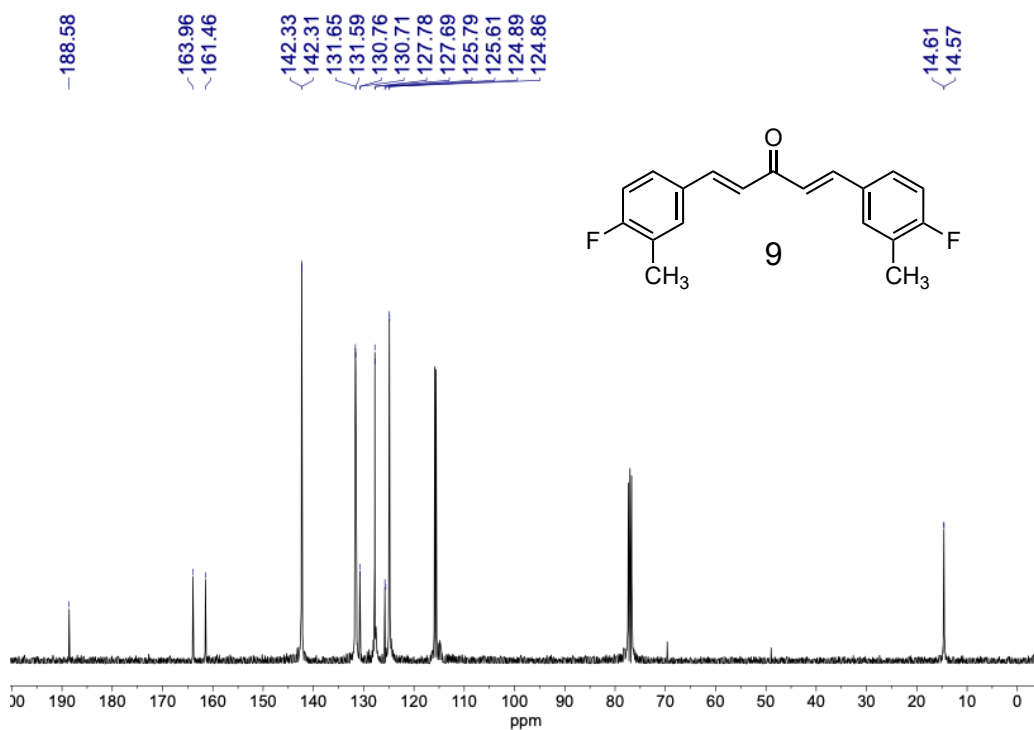


Figure S6. <sup>13</sup>C-NMR of compound **9** in CDCl<sub>3</sub> at 100 MHz.

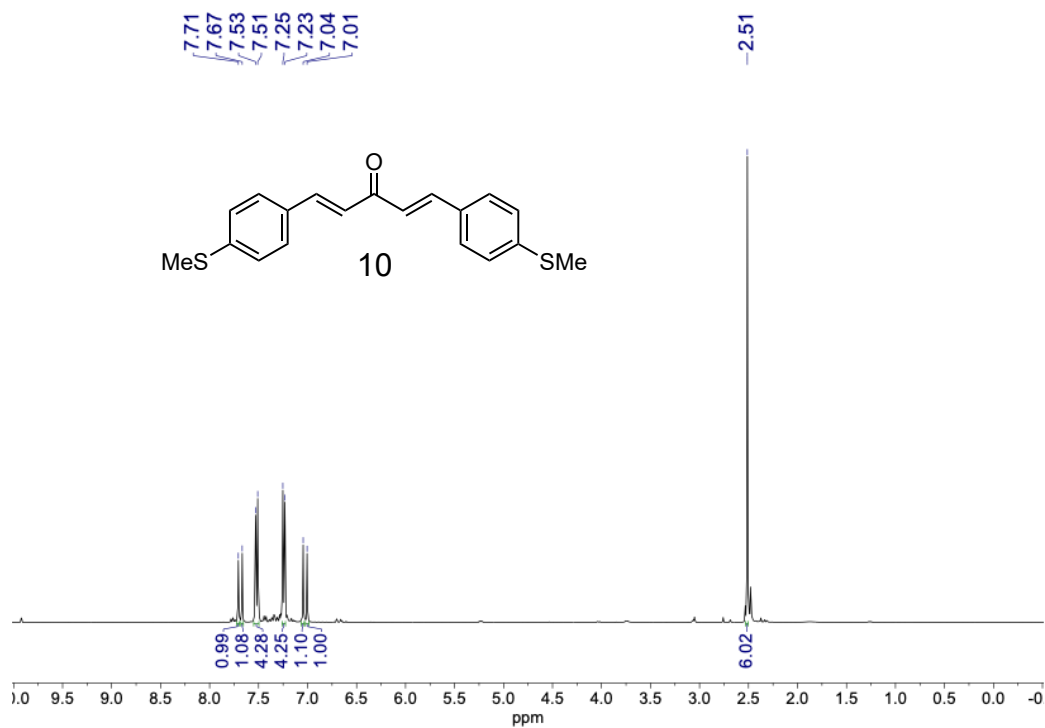


Figure S7. <sup>1</sup>H-NMR of compound **10** in CDCl<sub>3</sub> at 400 MHz.

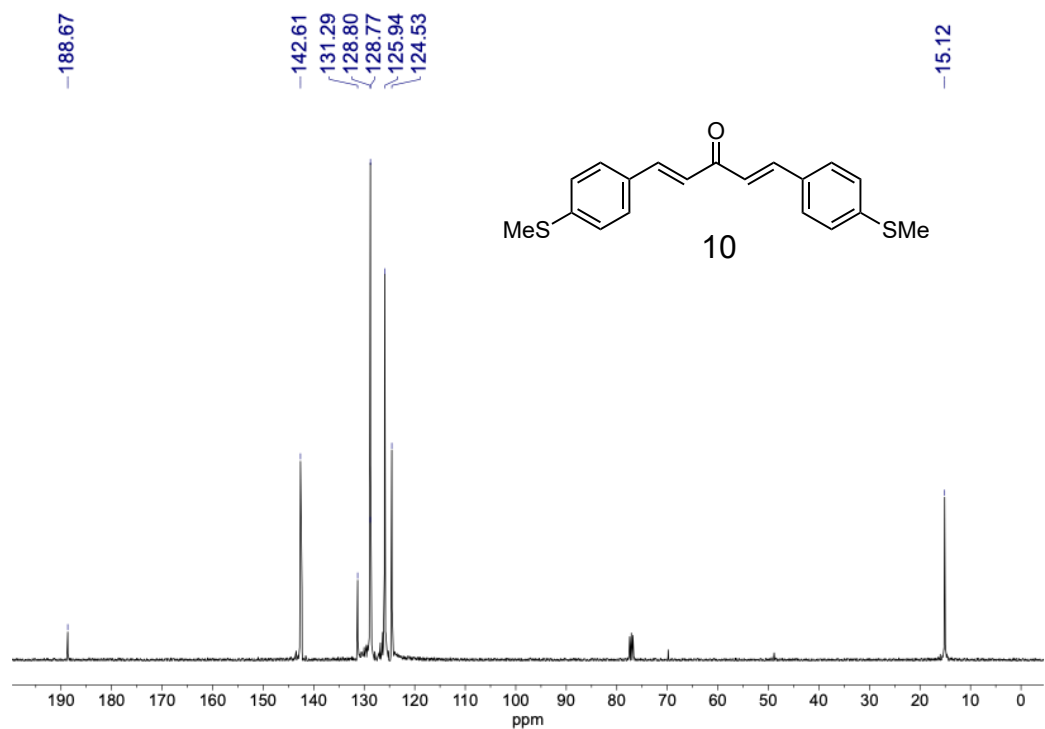


Figure S8. <sup>13</sup>C-NMR of compound **10** in CDCl<sub>3</sub> at 100 MHz.

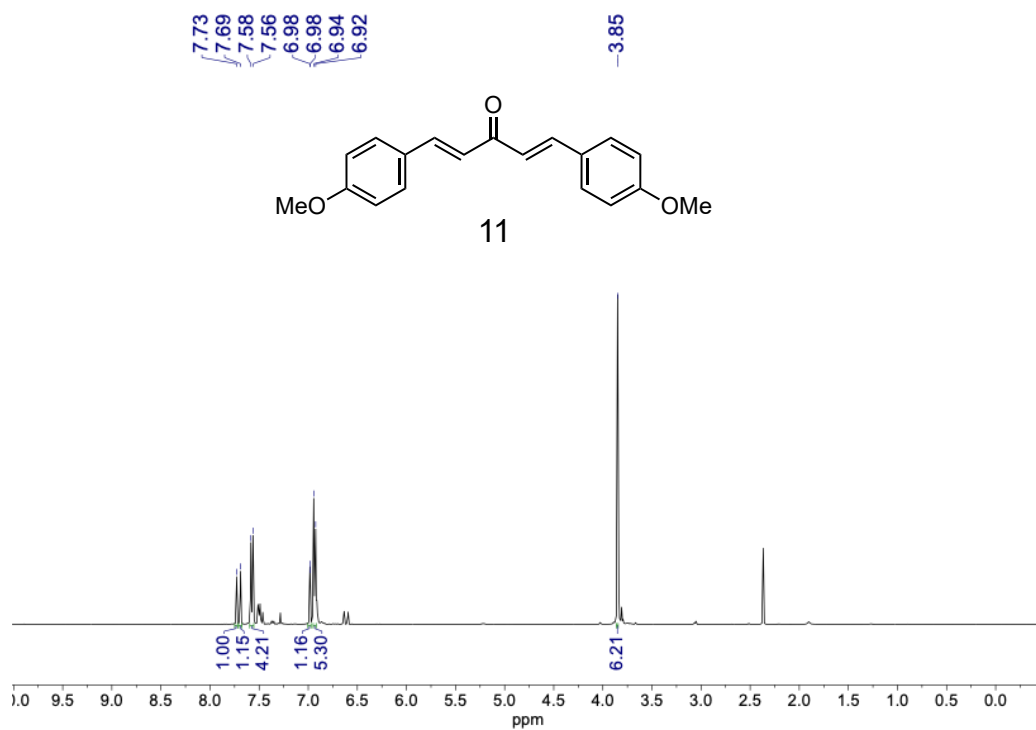


Figure S9. <sup>1</sup>H-NMR of compound **11** in CDCl<sub>3</sub> at 400 MHz.

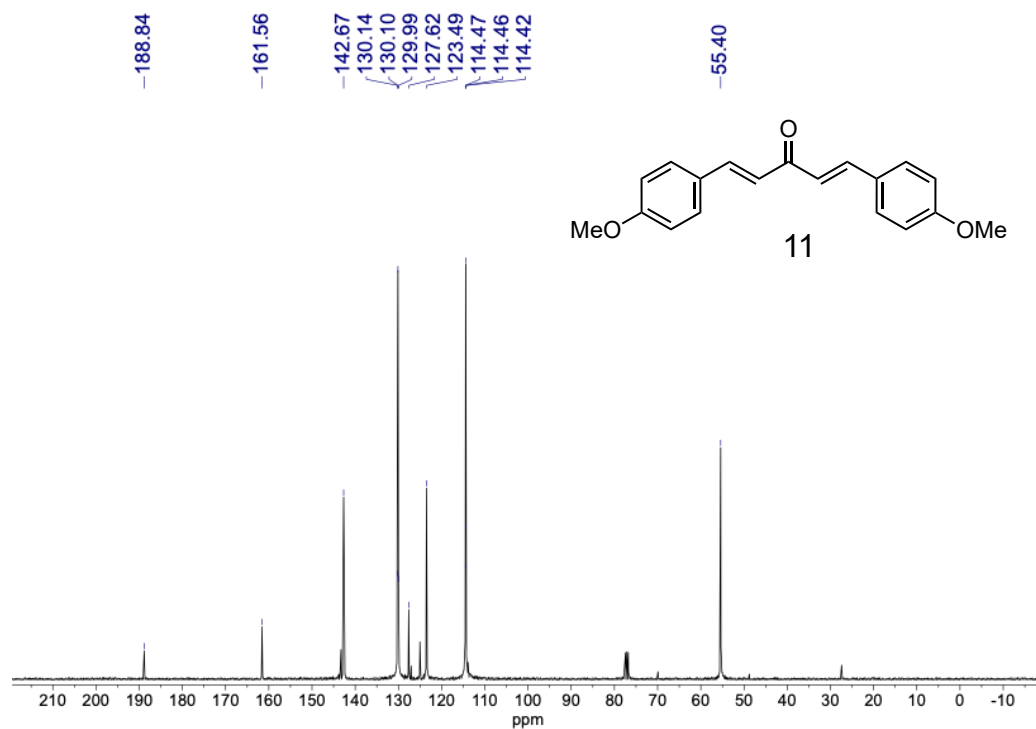


Figure S10. <sup>13</sup>C-NMR of compound **11** in CDCl<sub>3</sub> at 100 MHz.

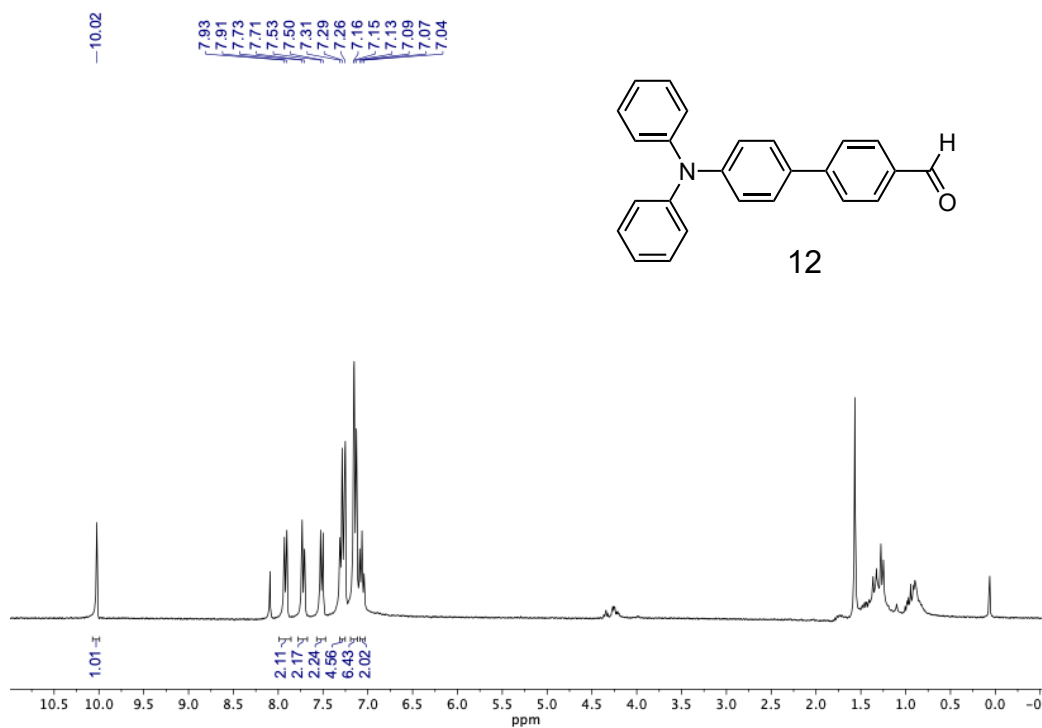


Figure S11. <sup>1</sup>H-NMR of compound **12** in CDCl<sub>3</sub> at 400 MHz.

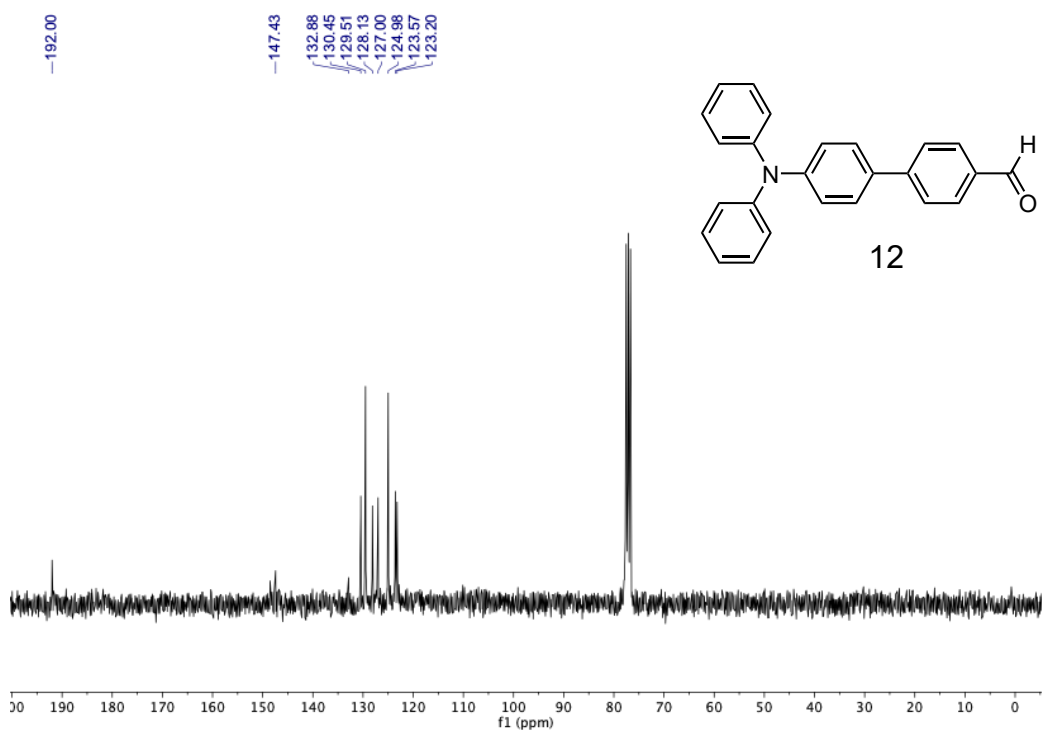


Figure S12. <sup>13</sup>C-NMR of compound **12** in CDCl<sub>3</sub> at 100 MHz.

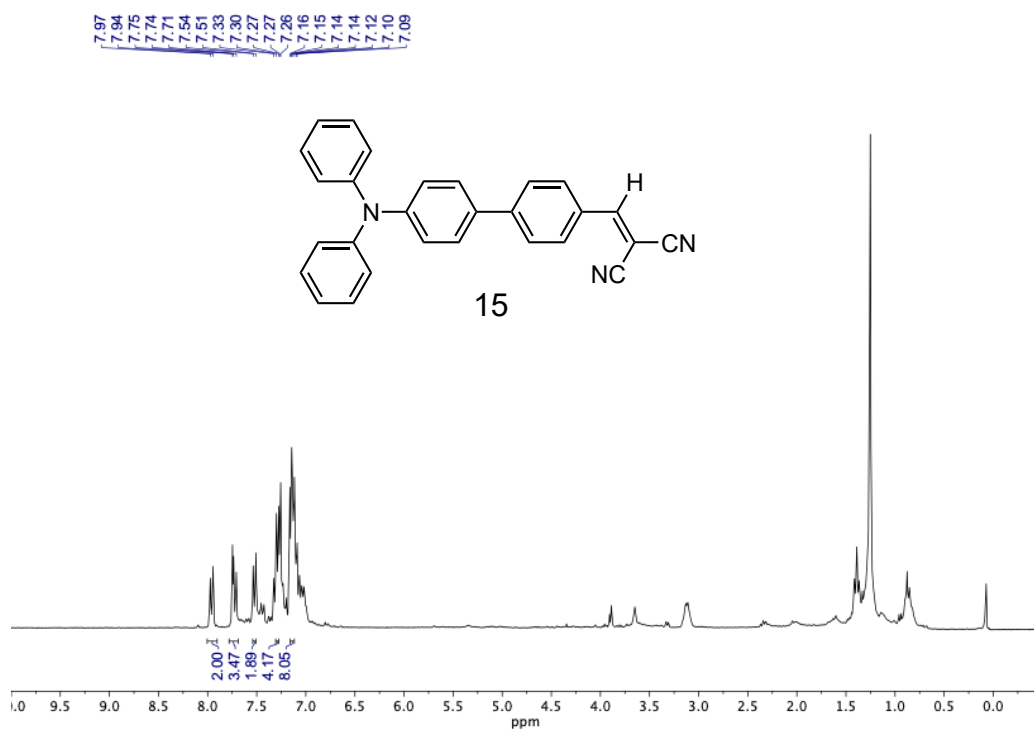


Figure S13. <sup>1</sup>H-NMR of compound **15** in CDCl<sub>3</sub> at 400 MHz.

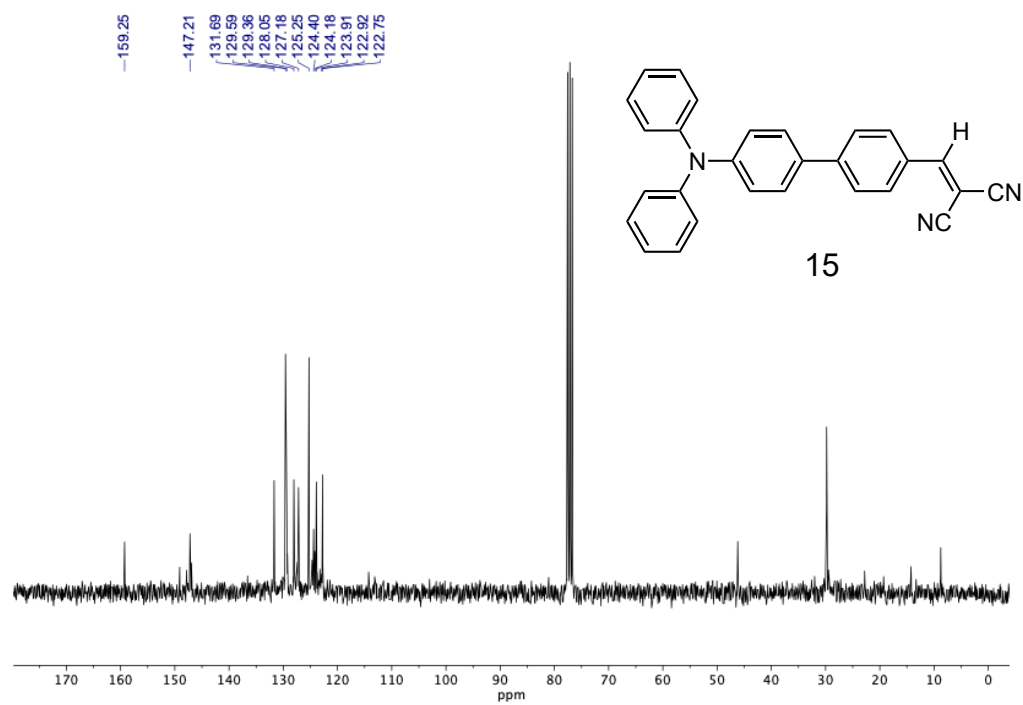


Figure S14. <sup>13</sup>C-NMR of compound **15** in CDCl<sub>3</sub> at 100 MHz.