

Supplementary Material

Synthesis and properties of push-pull imidazole derivatives with application as photoredox catalysts

Zuzana Hloušková and Filip Bureš*

Institute of Organic Chemistry and Technology, Faculty of Chemical Technology, University of Pardubice, Studentská 573, Pardubice, CZ-532 10, Czech Republic
Email: filip.bures@upce.cz

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1. Analytical data for compound 2

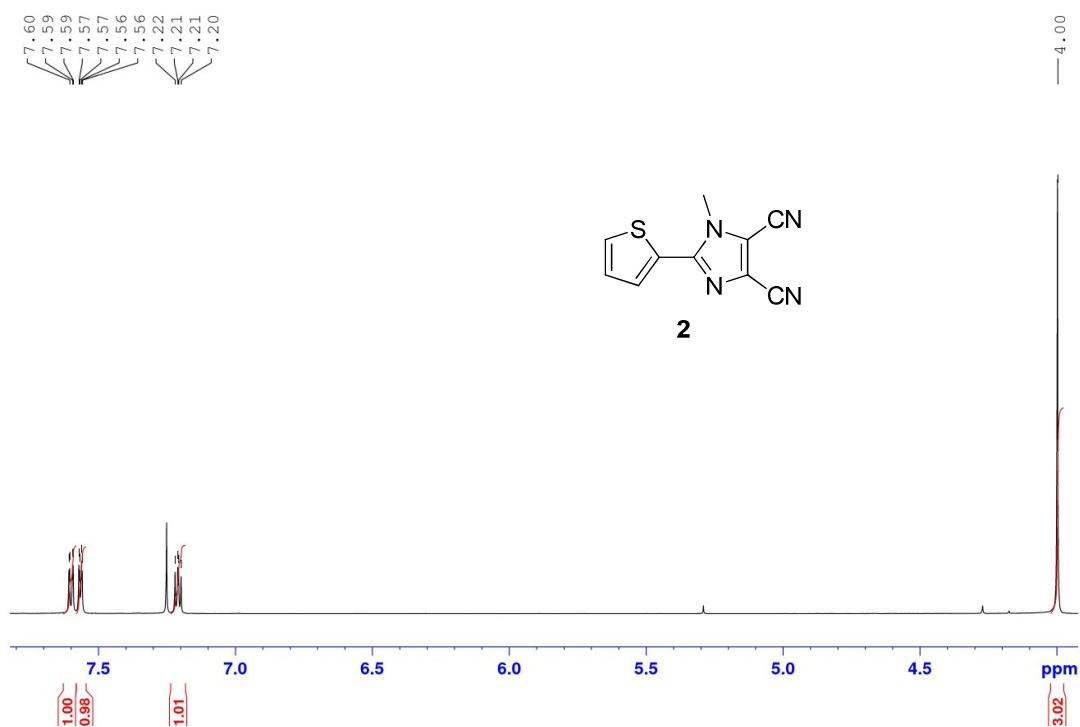


Figure S1. ¹H-NMR (500 MHz, CDCl₃, 25 °C) spectrum of compound 2.



Figure S2. ¹³C-NMR APT (125 MHz, CDCl₃, 25 °C) spectrum of compound 2.

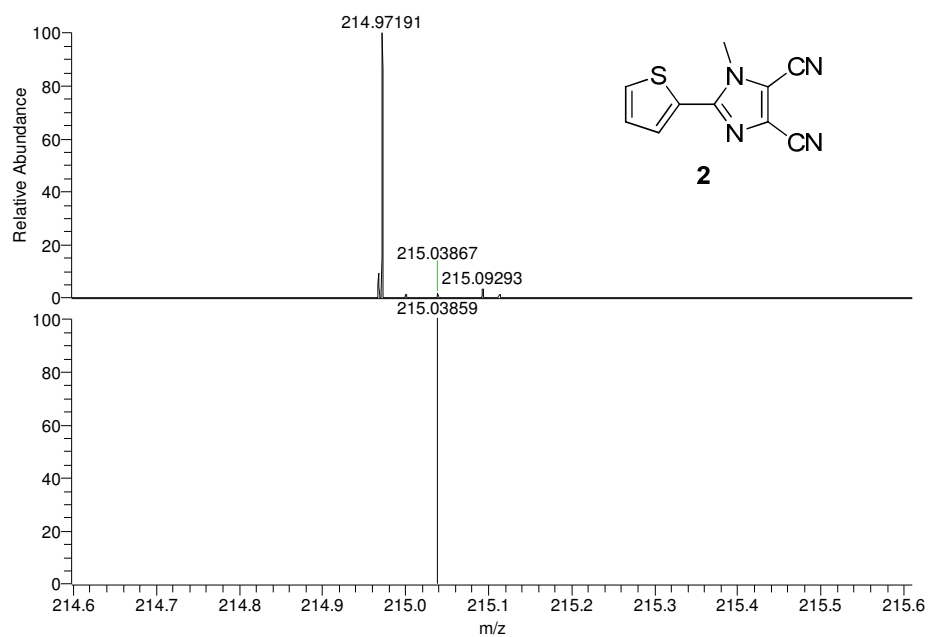


Figure S3. Experimental (upwards) a simulated (down) HR-MALDI-MS spectrum of compound 2.

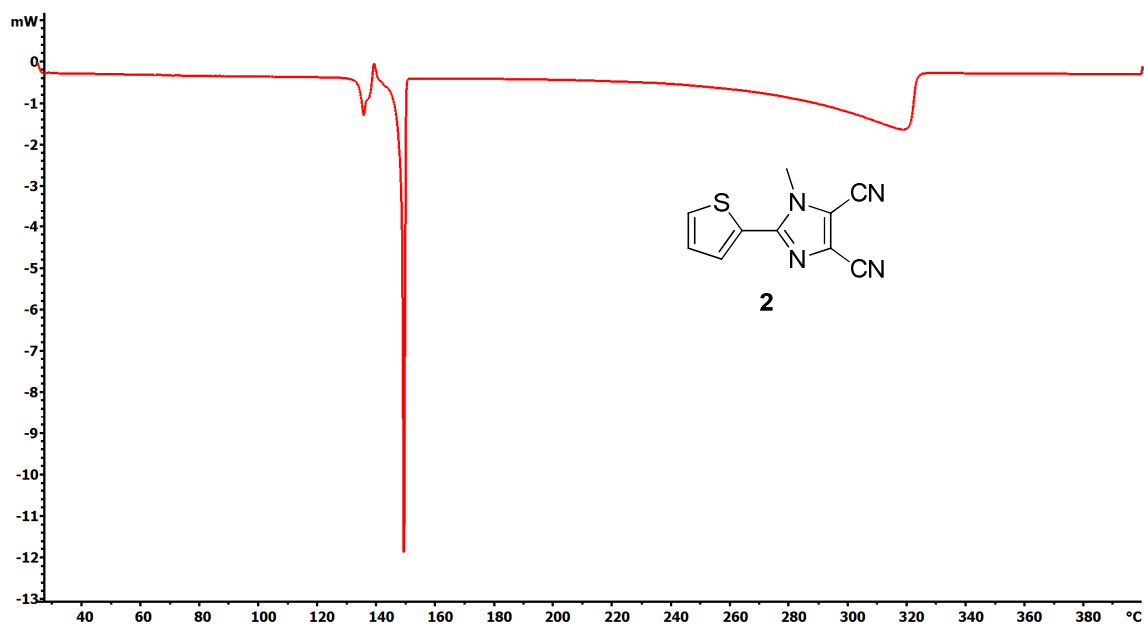


Figure S4. DSC thermogram of compound 2.

2. Analytical data for compound 3

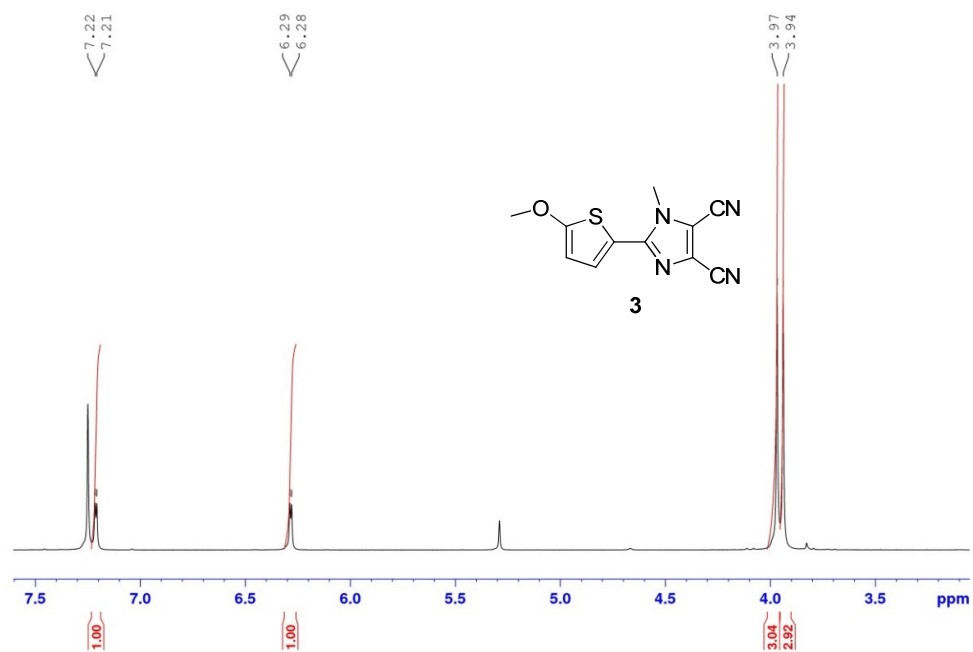


Figure S5. ¹H-NMR (400 MHz, CDCl₃, 25 °C) spectrum of compound 3.

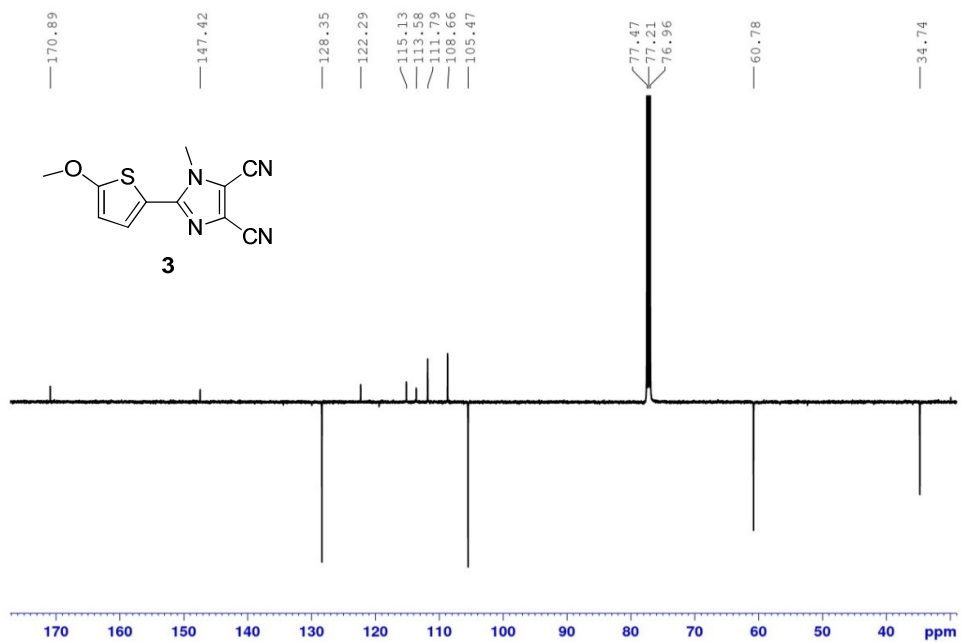


Figure S6. ¹³C-NMR APT (125 MHz, CDCl₃, 25 °C) spectrum of compound 3.

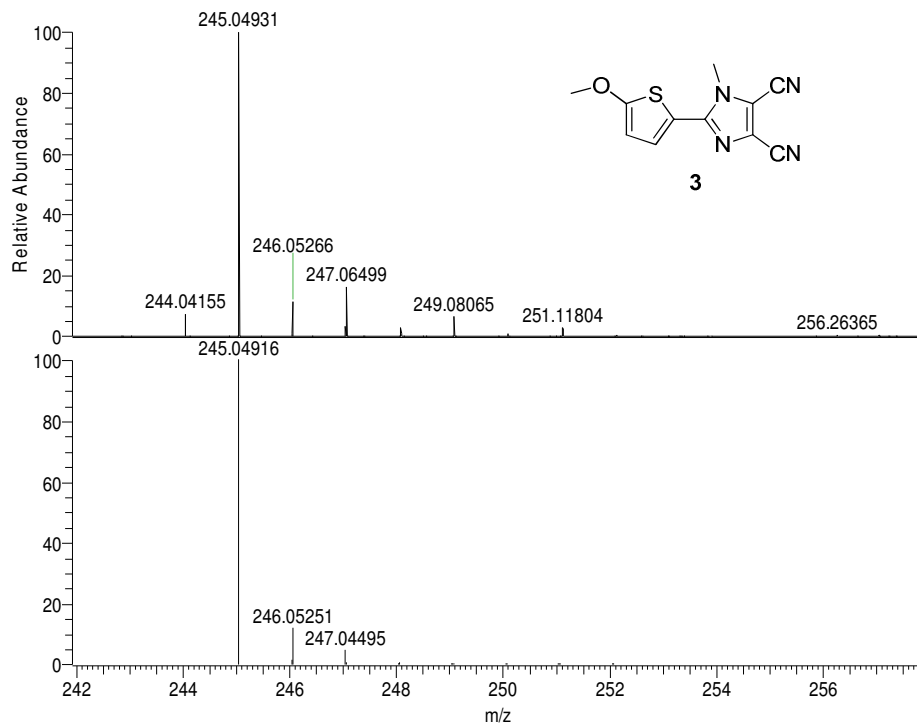


Figure S7. Experimental (upwards) a simulated (down) HR-MALDI-MS spectrum of compound 3.

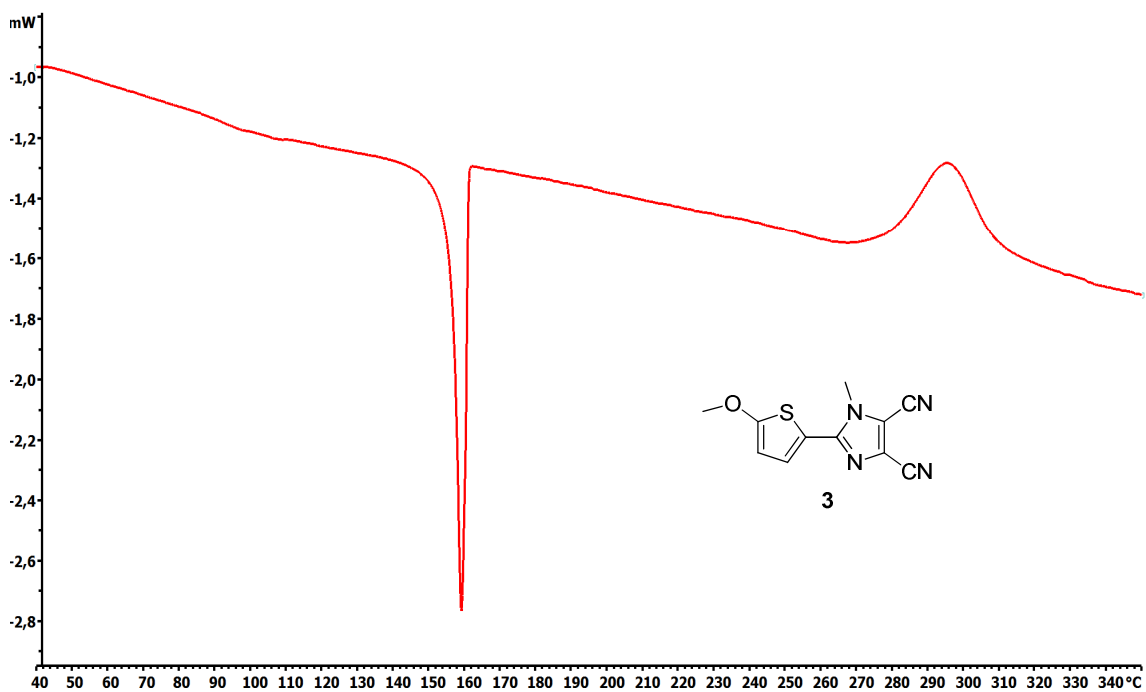


Figure S8. DSC thermogram of compound 3.

3. Analytical data for compound 6

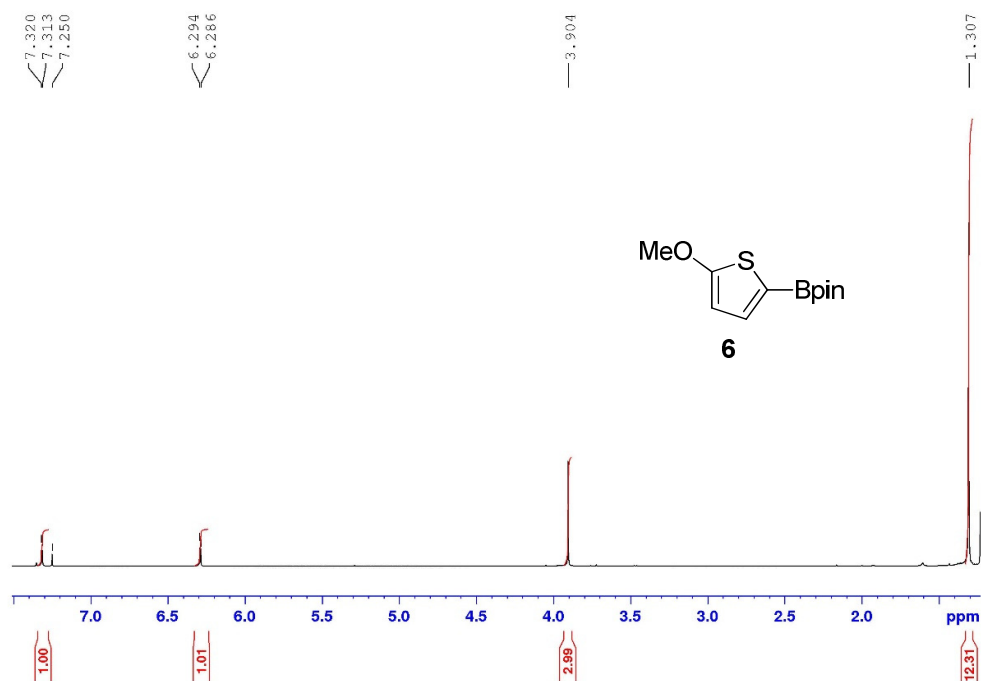


Figure S1. ¹H-NMR (500 MHz, CDCl₃, 25 °C) spectrum of compound 6.

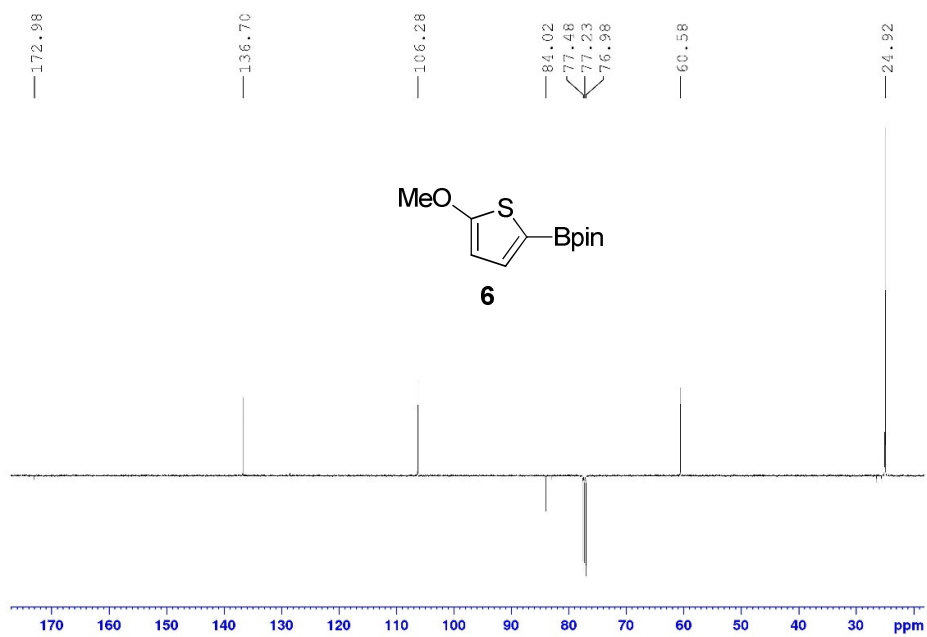


Figure S9. ¹³C-NMR APT (125 MHz, CDCl₃, 25 °C) spectrum of compound 6.