

Supporting Information

Multifunctional Emitters for Efficient Simplified Non-Doped Blue Organic Light Emitting Devices with Extremely Low Efficiency Roll-off

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S1. Characterization

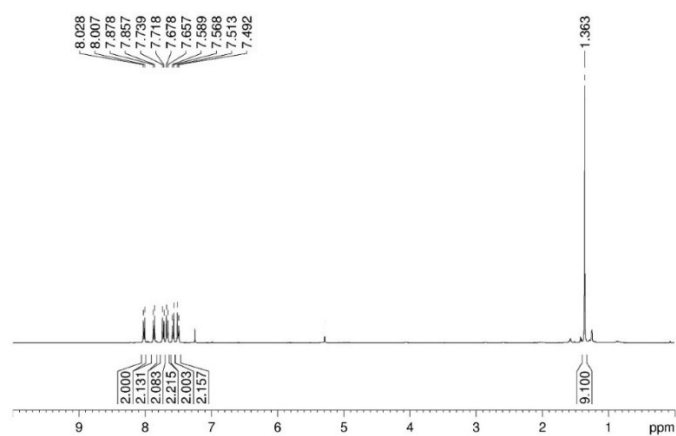


Figure. S1. The ¹H NMR of compound **3**, solvent CDCl₃.

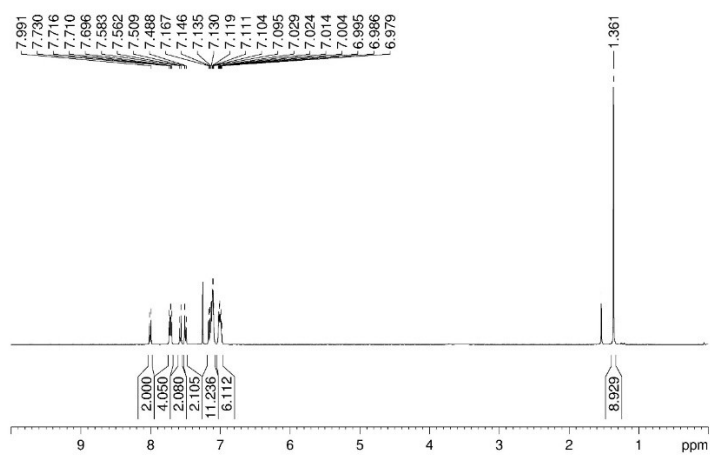


Figure. S2. The ¹H NMR of compound **5**, solvent CDCl₃.

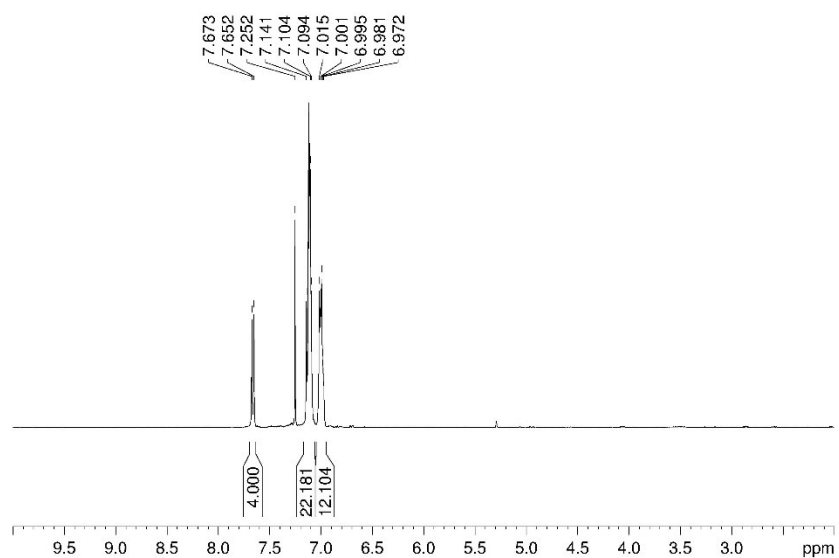


Figure. S3. The ¹H NMR of compound **7**, solvent CDCl₃.

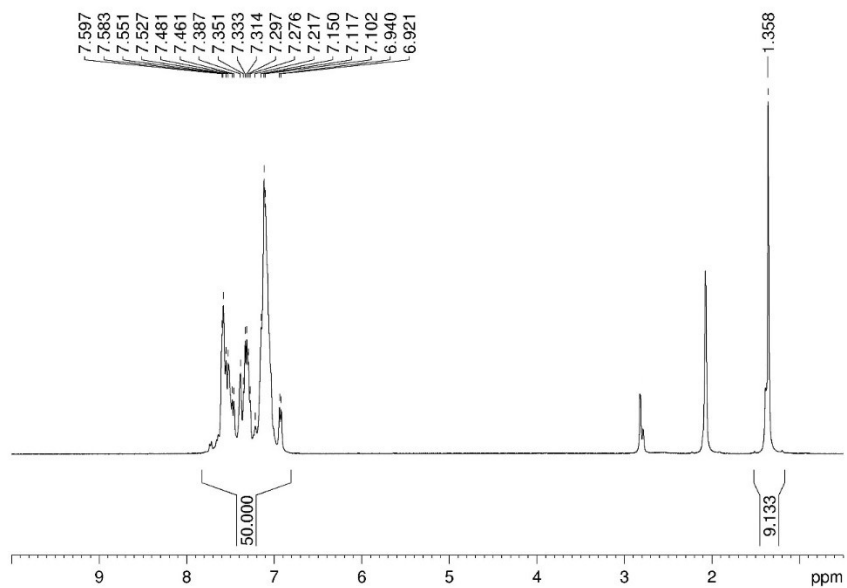


Figure. S4. The ¹H NMR of compound **BPTPETPAI**, solvent CH₃CHO.

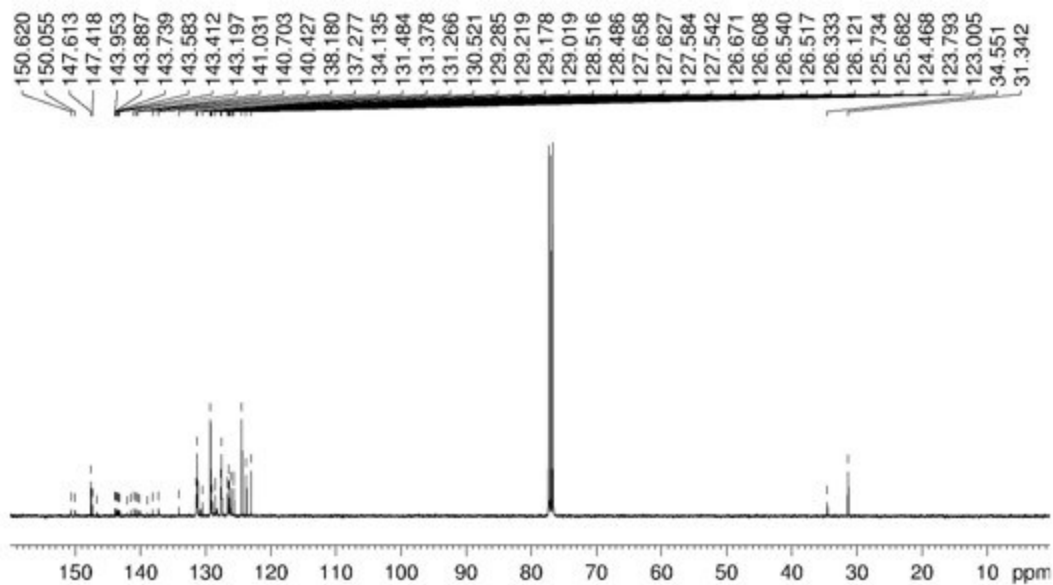


Figure. S5. The ¹³C NMR of compound BTPETPAI solvent CDCl₃

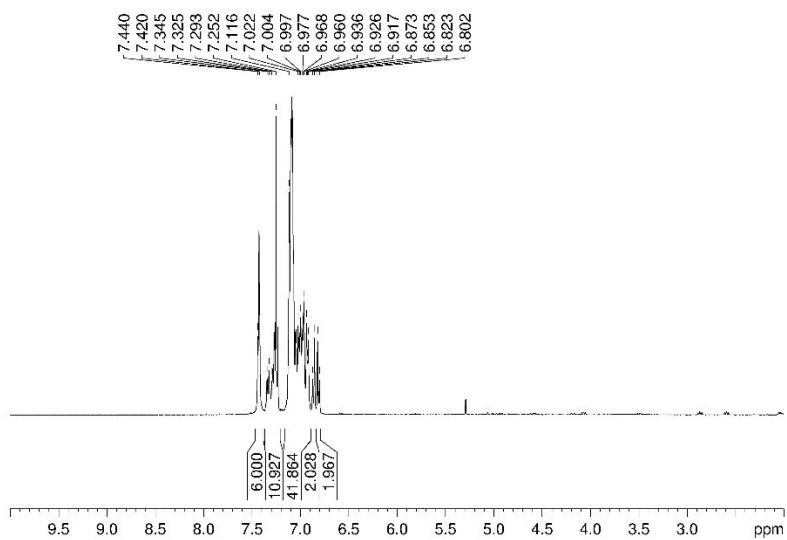


Figure. S6. The ¹H NMR of compound 2TPETPAI, solvent CDCl₃.

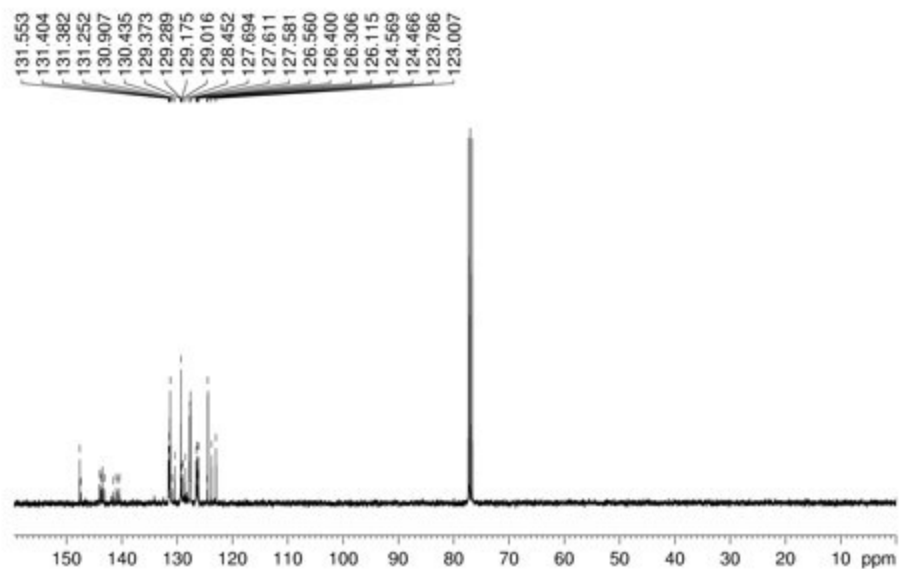


Figure. S7. The ^{13}C NMR of compound 2TPETPAI solvent CDCl_3

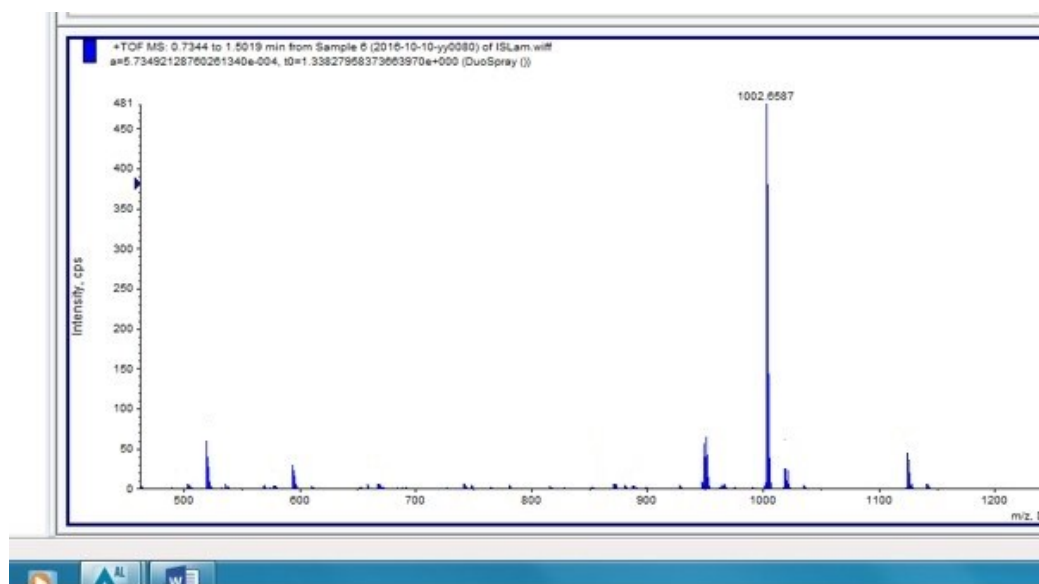


Figure. S8. HRMS-MALDITOF Mass Spectra of BTPETPAI.

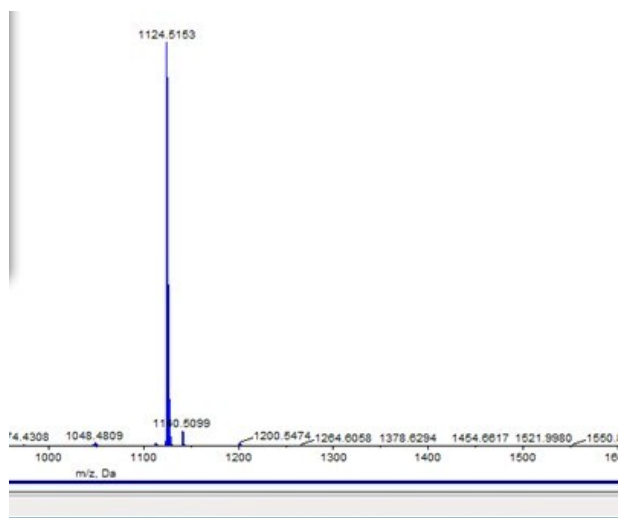


Figure. S9. HRMS-MALDITOF Mass Spectra of 2TPETPAI.

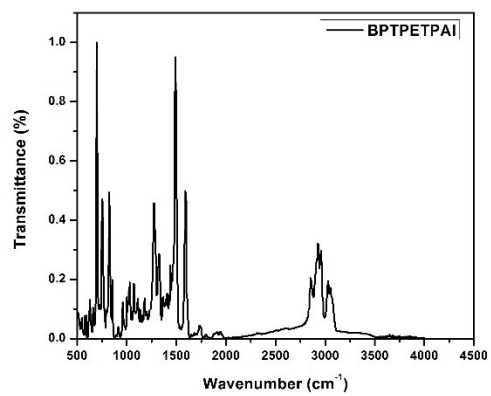


Figure. S10. FTIR Spectra of BTPETPAI.

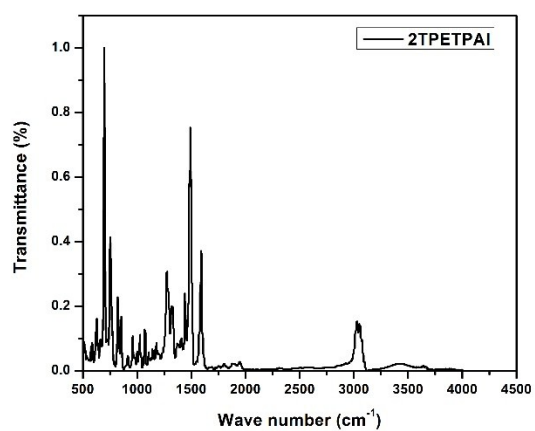


Figure. S11. FTIR Spectra of 2TPETPAI.

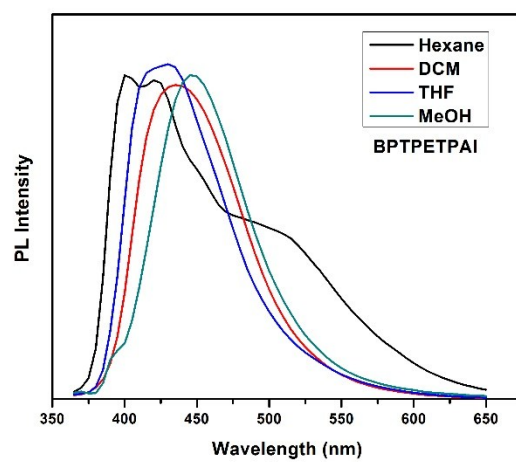


Figure. S12. Solvatochromism spectra of BPTPETPAI.

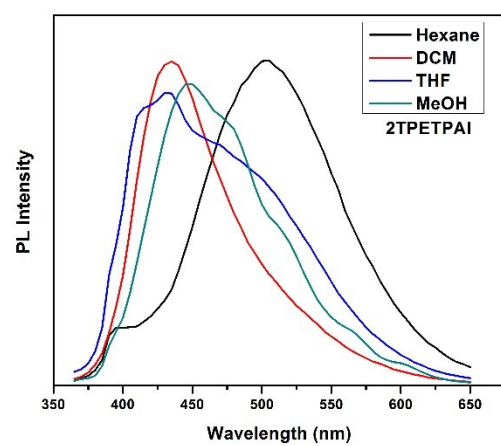


Figure. S13. Solvatochromism spectra of 2TPETPAI.