

Supplementary Material

Evaluation, synthesis and structural properties of stable bisbenzimidazolium tetrafluoroborates derived from unstable benzotetraazafulvalenes

Ülkü Yılmaz^{*a} and Hasan Küçükbay^b

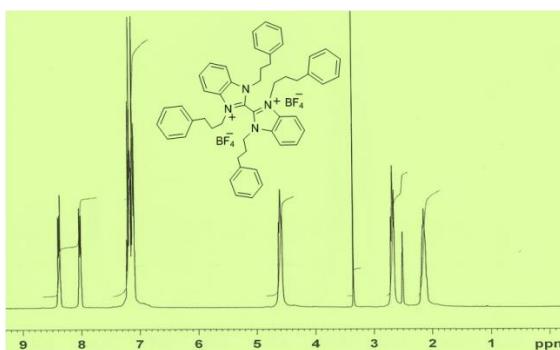
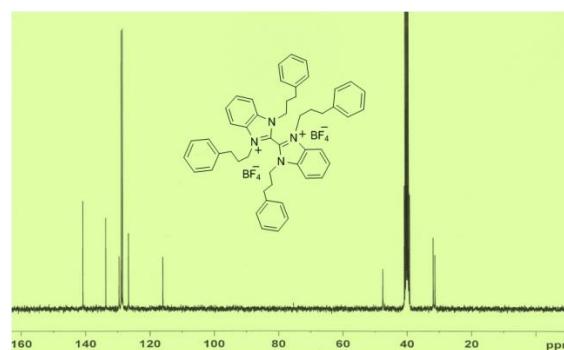
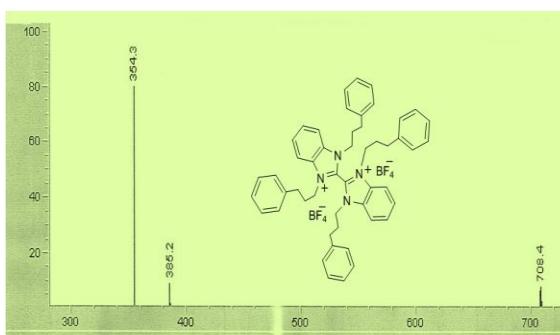
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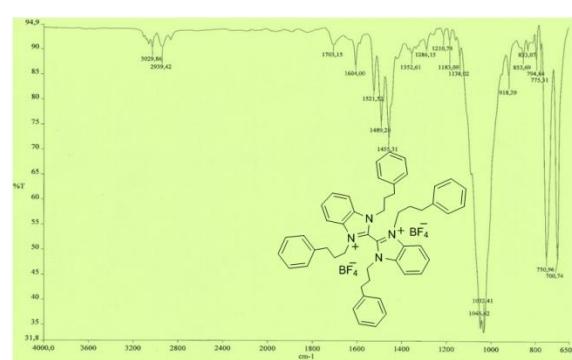
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Table of Contents

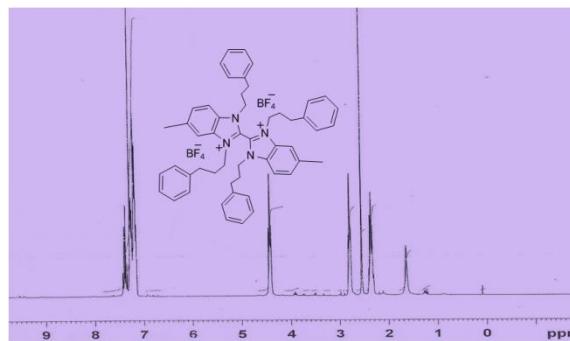
¹ H, ¹³ C-NMR, LC-MS and IR Spectra of Compounds	S2
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¹H, ¹³C-NMR, LC-MS and IR Spectra of CompoundsS1. ¹H-NMR spectrum of compound 1S2. ¹³C-NMR spectrum of compound 1

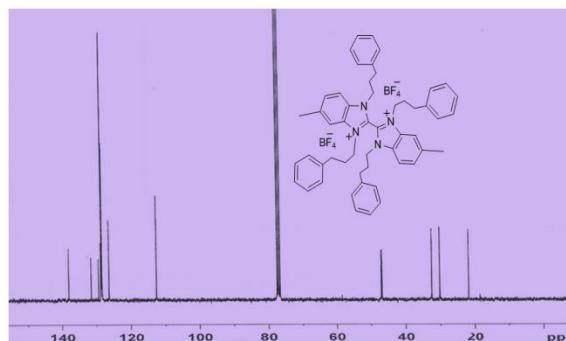
S3 . LC-MS chromatogram of compound 1



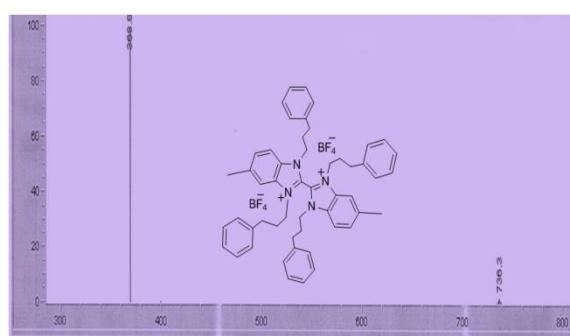
S4. IR spectrum of compound 1



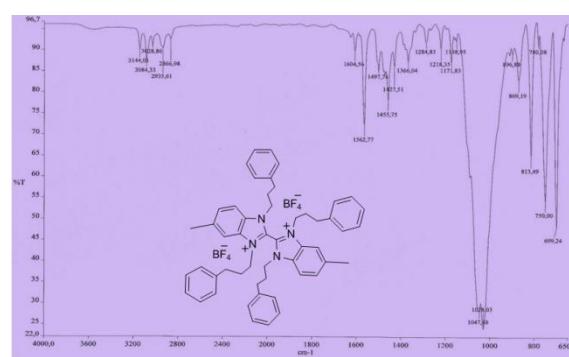
S5. ^1H -NMR spectrum of compound 2



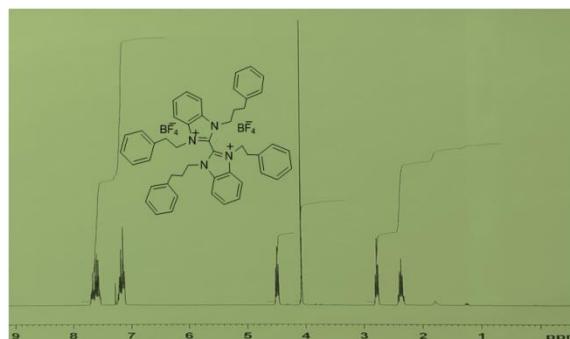
S6. ^{13}C -NMR spectrum of compound 2



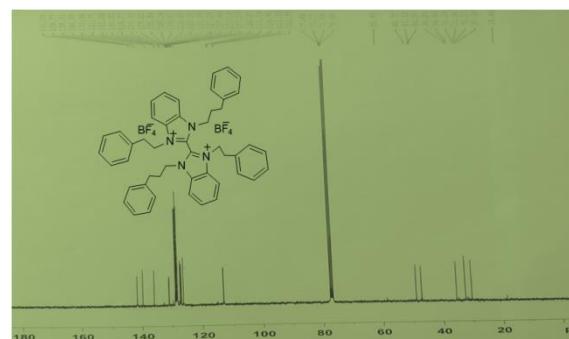
S7. LC-MS chromatogram of compound 2



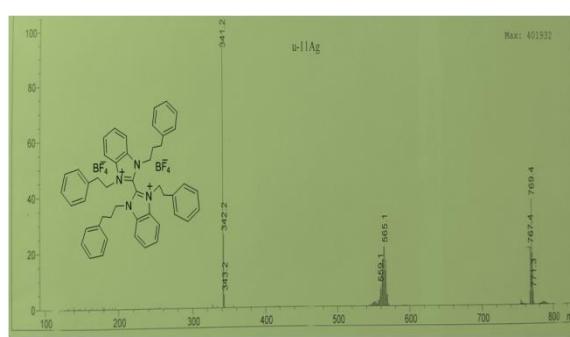
S8. IR spectrum of compound 2



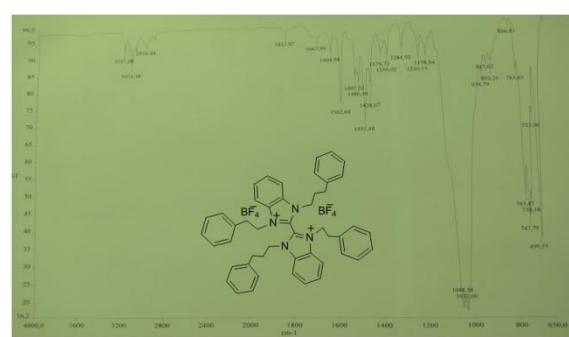
S9. ^1H -NMR spectrum of compound **3**



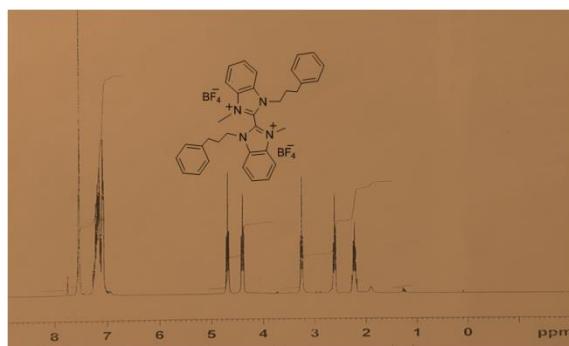
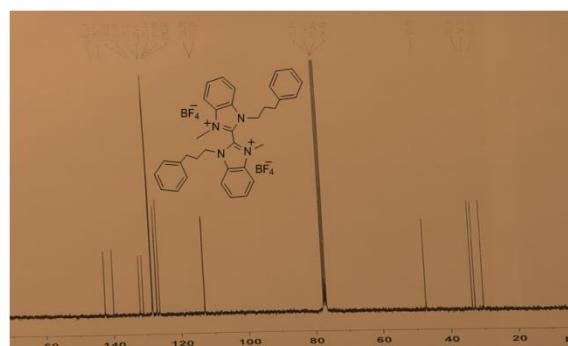
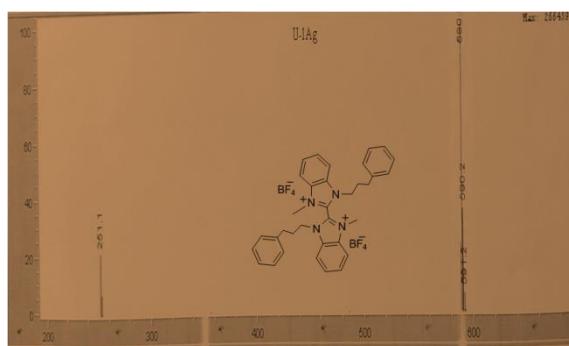
S10. ^{13}C -NMR spectrum of compound **3**



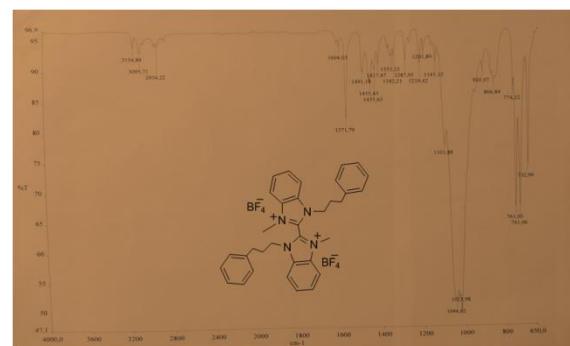
S11. LC-MS chromatogram of compound 3



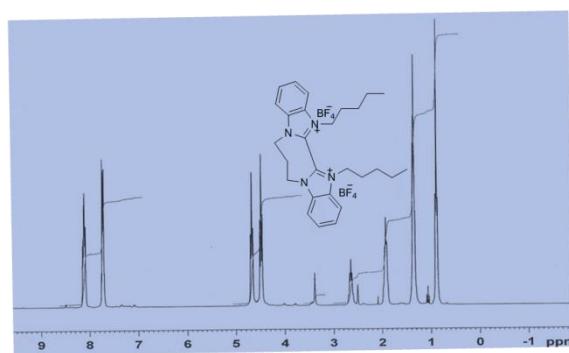
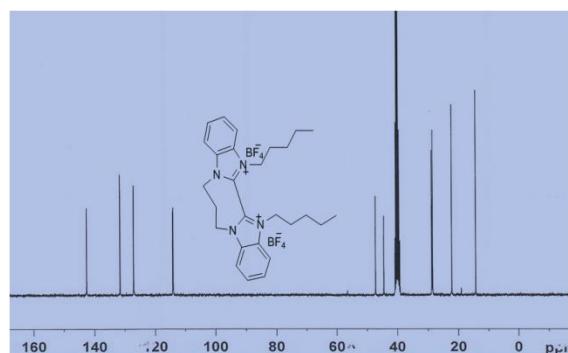
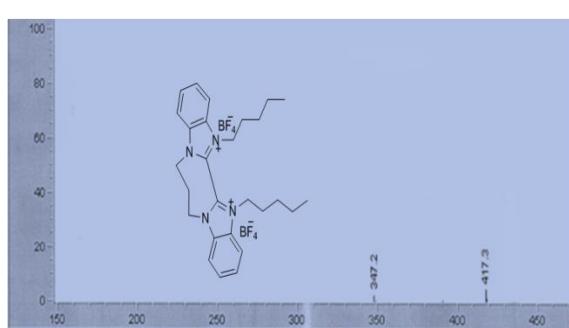
S12. IR spectrum of compound 3

S13. ¹H-NMR spectrum of compound 4S14. ¹³C-NMR spectrum of compound 4

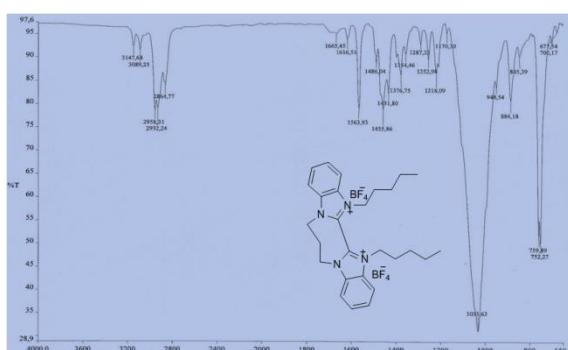
S15. LC-MS chromatogram of compound 4



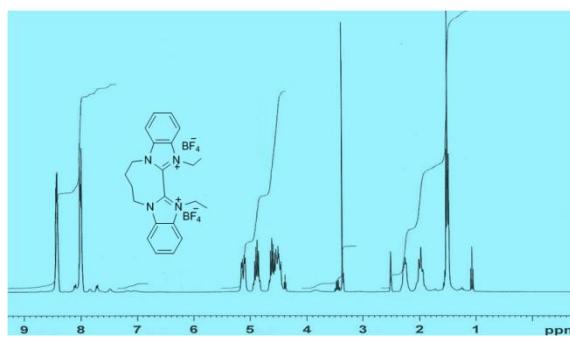
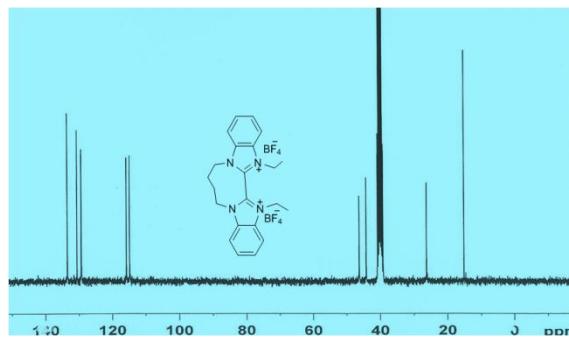
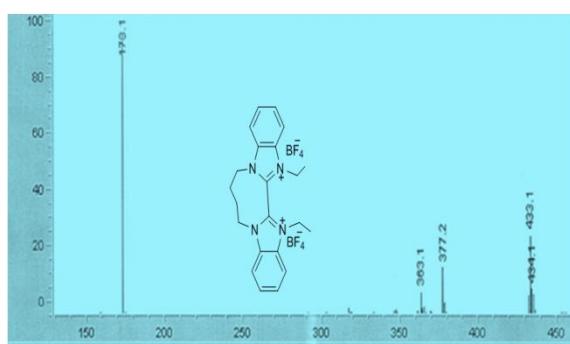
S16. IR spectrum of compound 4

S17. ¹H-NMR spectrum of compound 5S18. ¹³C-NMR spectrum of compound 5

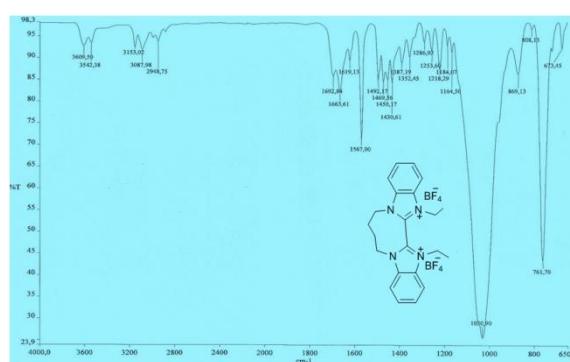
S19. LC-MS chromatogram of compound 5



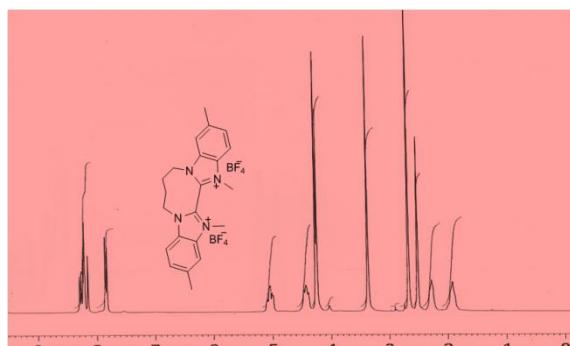
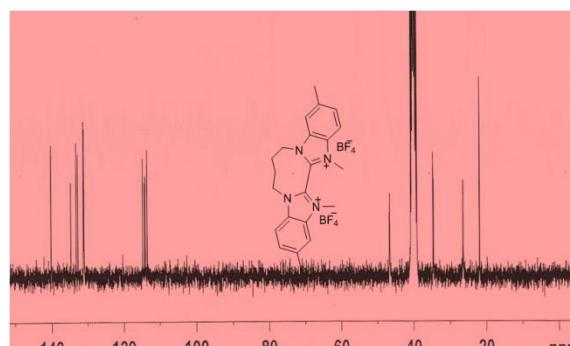
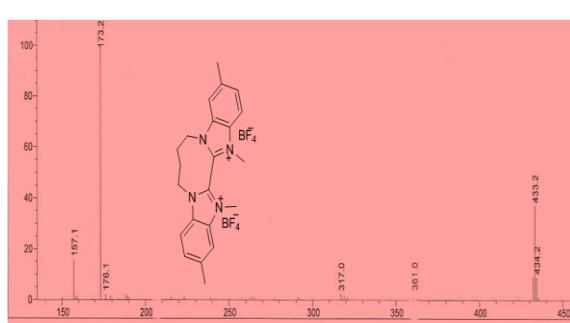
S20. IR spectrum of compound 5

S21. ¹H-NMR spectrum of compound 6S22. ¹³C-NMR spectrum of compound 6

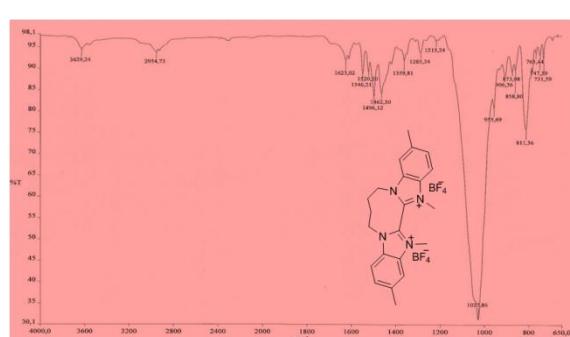
S23. LC-MS chromatogram of compound 6



S24. IR spectrum of compound 6

S25. ¹H-NMR spectrum of compound 7S26. ¹³C-NMR spectrum of compound 7

S27. LC-MS chromatogram of compound 7



S28. IR spectrum of compound 7