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Electronic Supplementary Information

Zinc(II) Phthalocyanine-Viologen Dyads: Synthesis, Electrochemistry, Spectroelectrochemistry, Electrodeposition, and Electrochromism

Burak Yıldız^{a,b}, Erem Ahmetali^a, Özlem Budak^c, Atıf Koca^{c,*}, M. Kasım Şener^{a,*}

^a *Department of Chemistry, Faculty of Arts and Sciences, Yıldız Technical University, Esenler,
34210 İstanbul, Turkey*

^b *Program of Refinery and Petrochemical Technology, Aliğa Vocational Training School, Ege
University, Aliğa, 35800 İzmir, Turkey*

^c *Department of Chemical Engineering, Faculty of Engineering, Marmara University, Kadıköy,
34722 İstanbul, Turkey*

* Corresponding authors.

E-mail addresses: akoca@marmara.edu.tr (A. Koca),

mkasimsener@gmail.com (M. K. Şener)

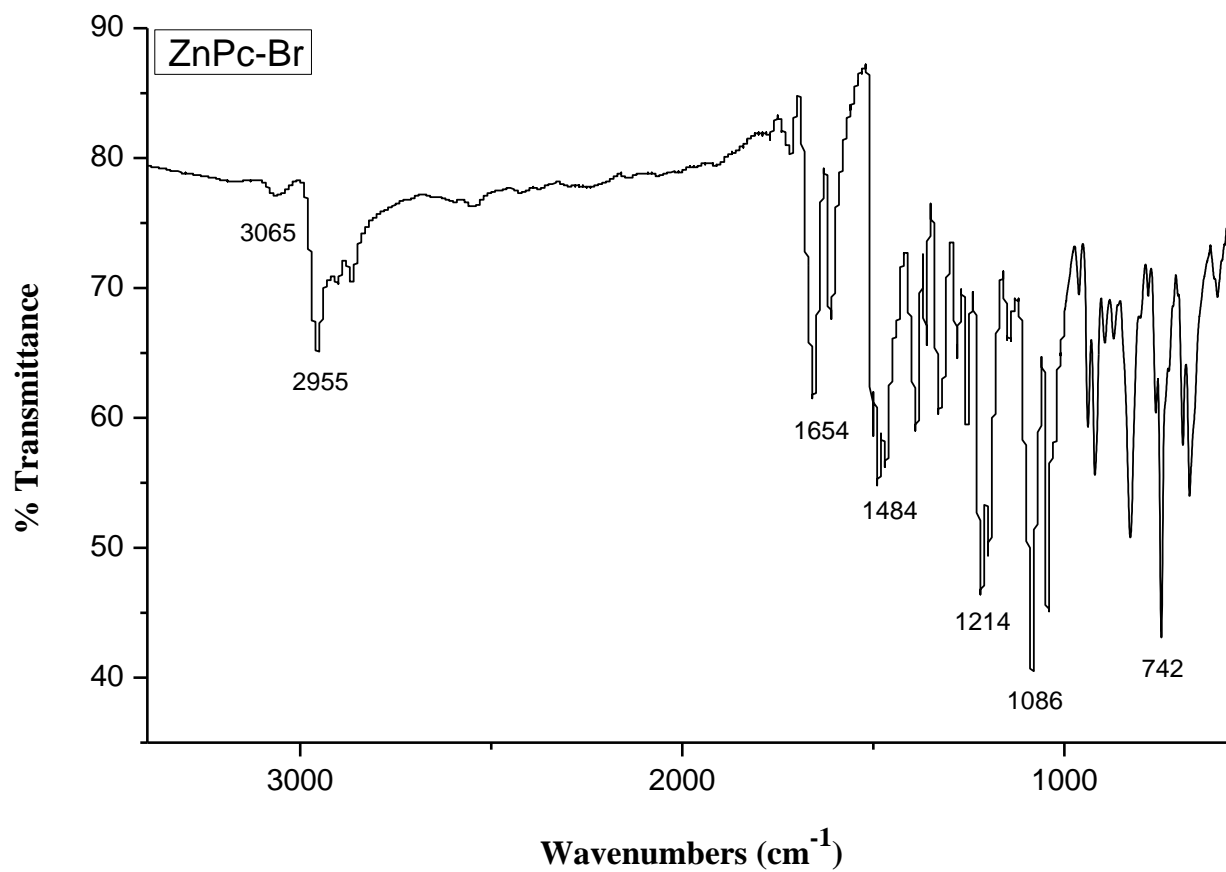


Fig. S1. FT-IR spectrum of **ZnPc-Br**.

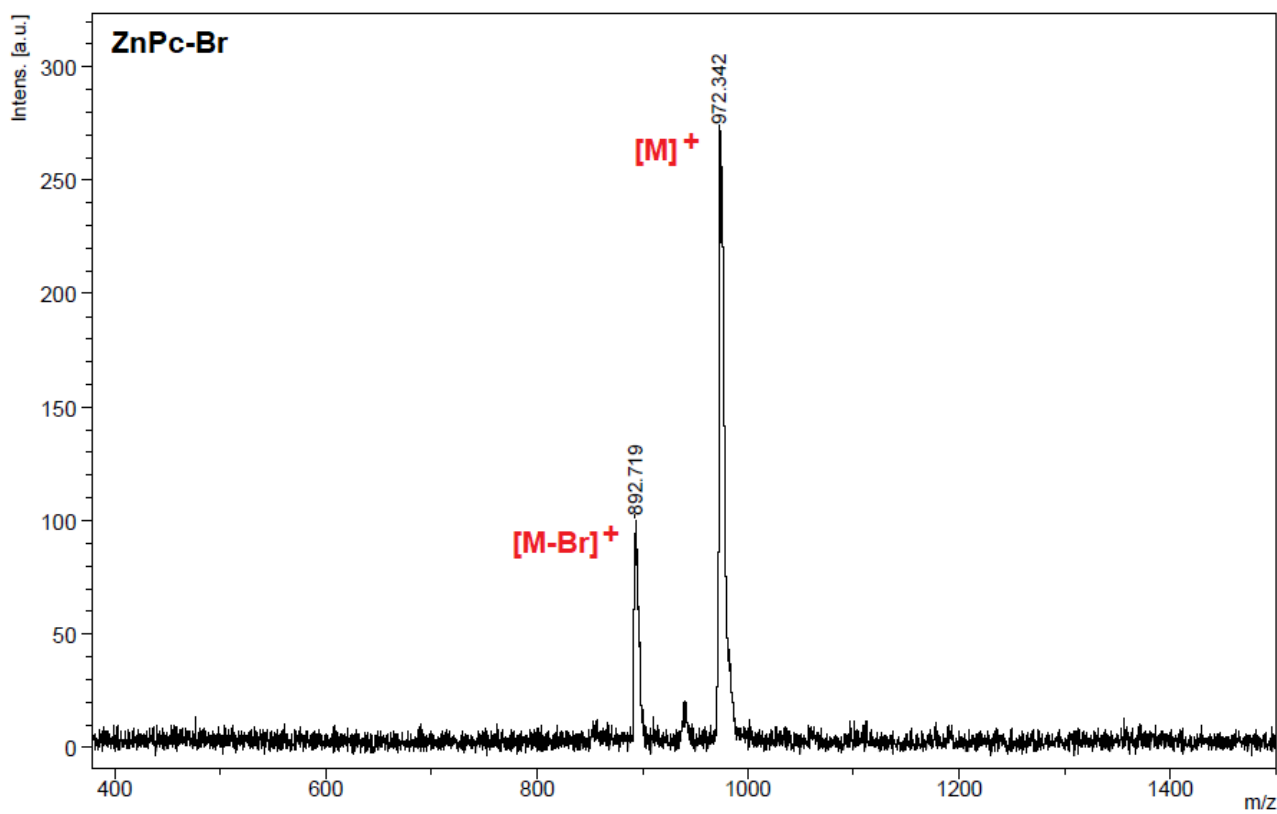


Fig. S2. MALDI-TOF MS spectrum of **ZnPc-Br** (matrix: 2,5-Dihydroxybenzoic acid).

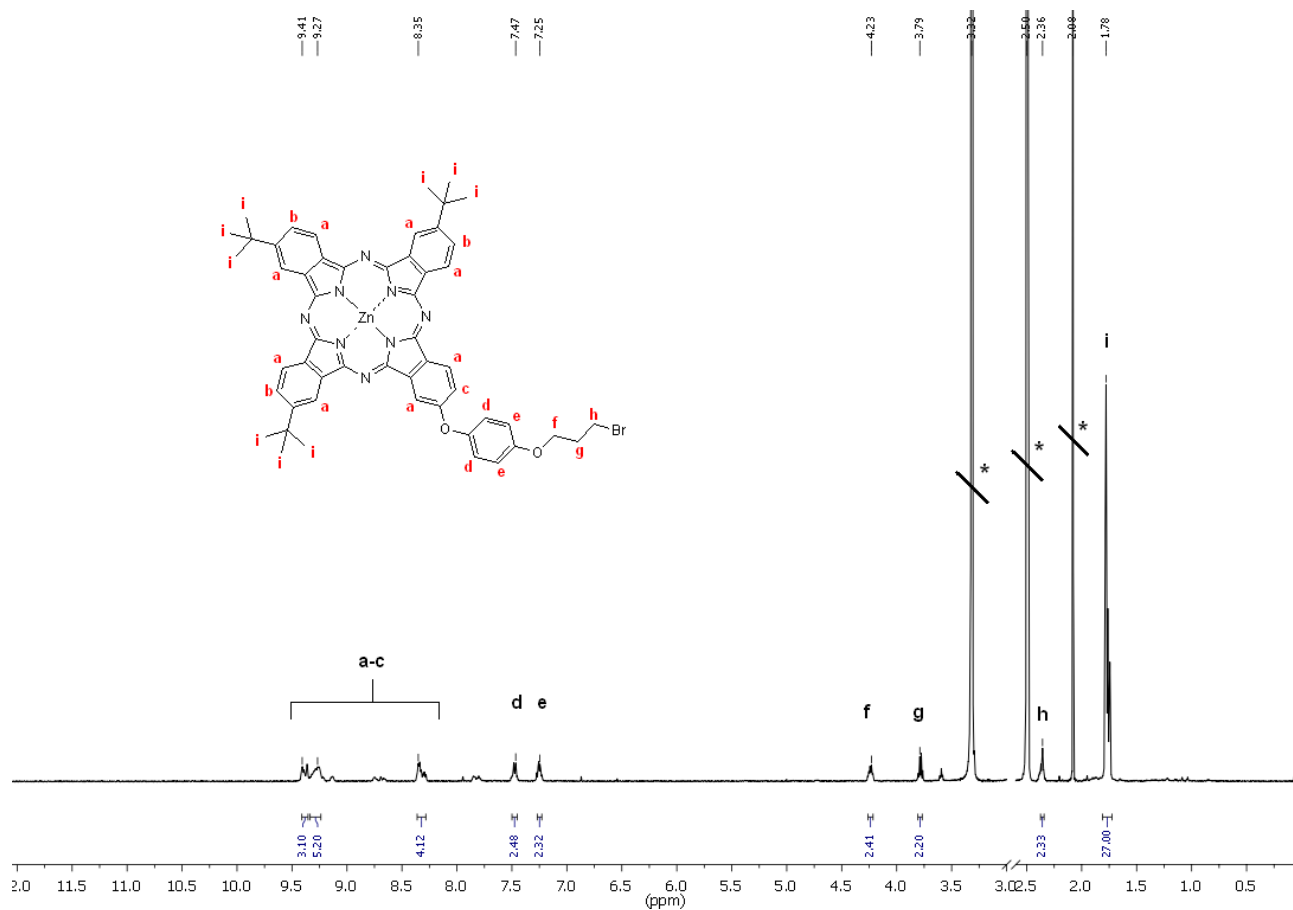


Fig. S3. ¹H-NMR spectrum of **ZnPc-Br** in DMSO-*d*₆ (* indicates residual solvent peaks).

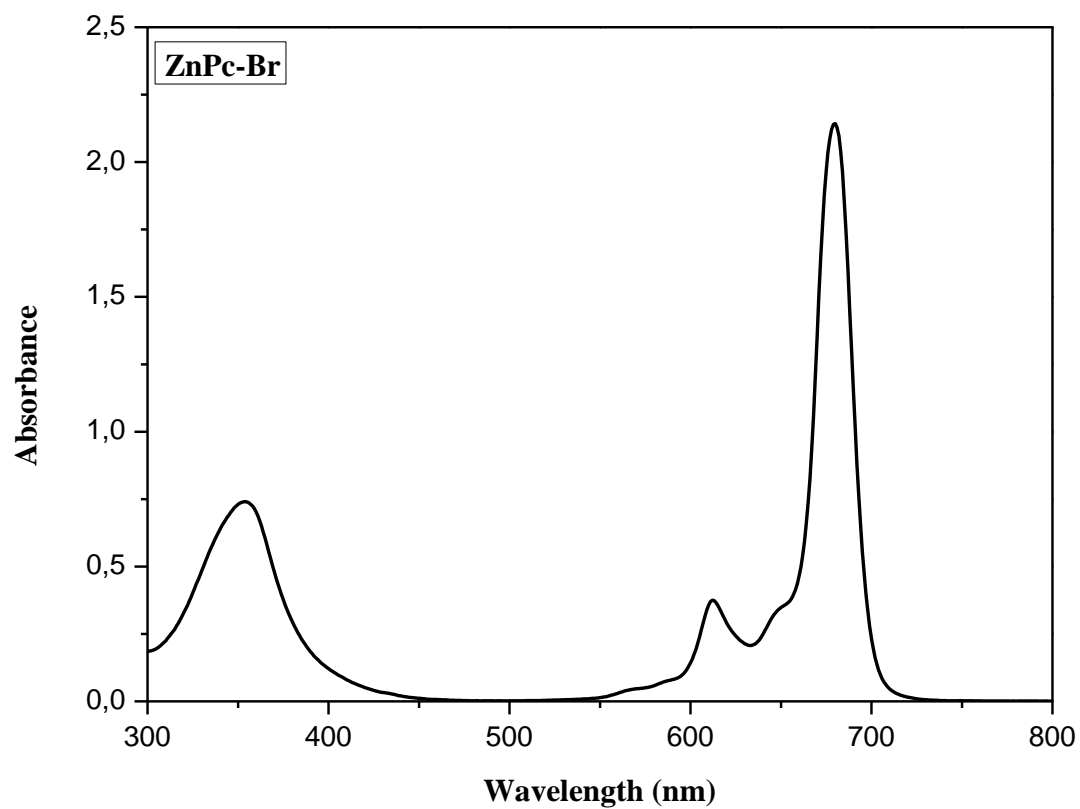


Fig. S4. UV-vis spectrum of **ZnPc-Br** in DMSO (concentration: 10^{-5} M).

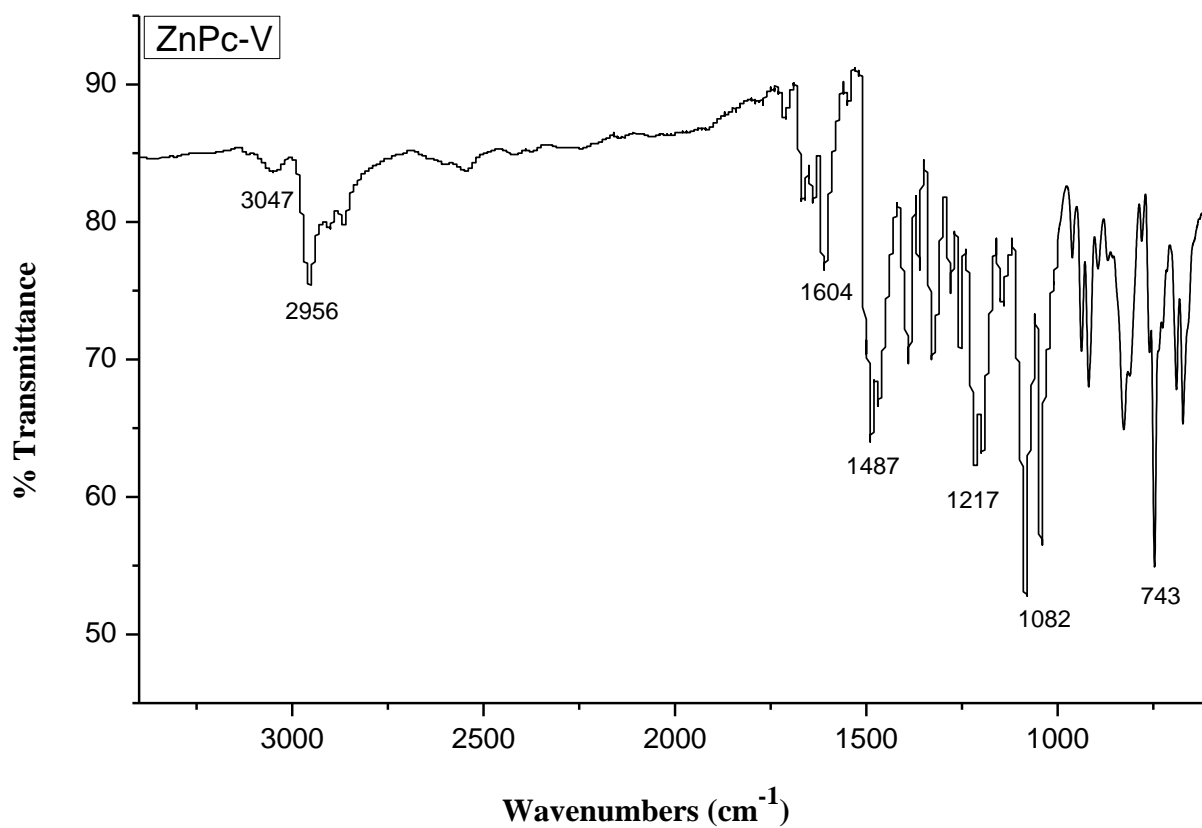


Fig. S5. FT-IR spectrum of ZnPc-V.

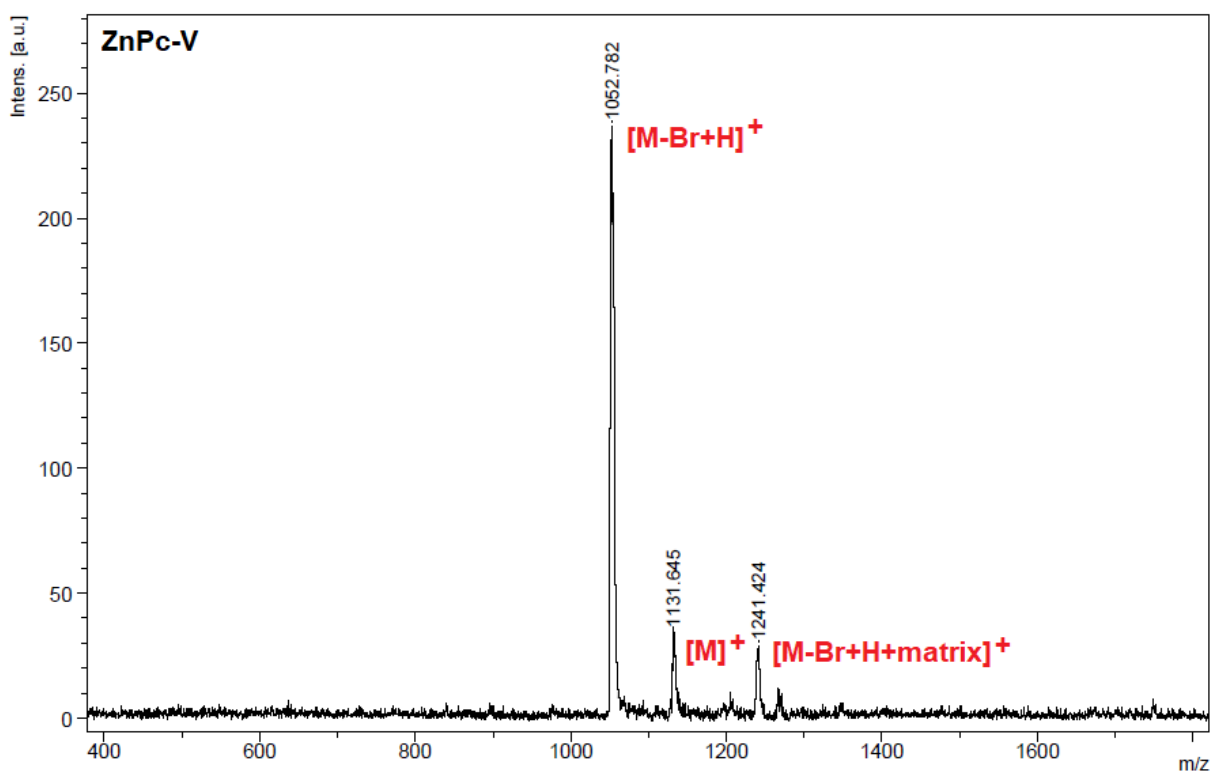


Fig. S6. MALDI-TOF MS spectrum of ZnPc-V (matrix: α -cyano-4-hydroxy-cinnamic acid).

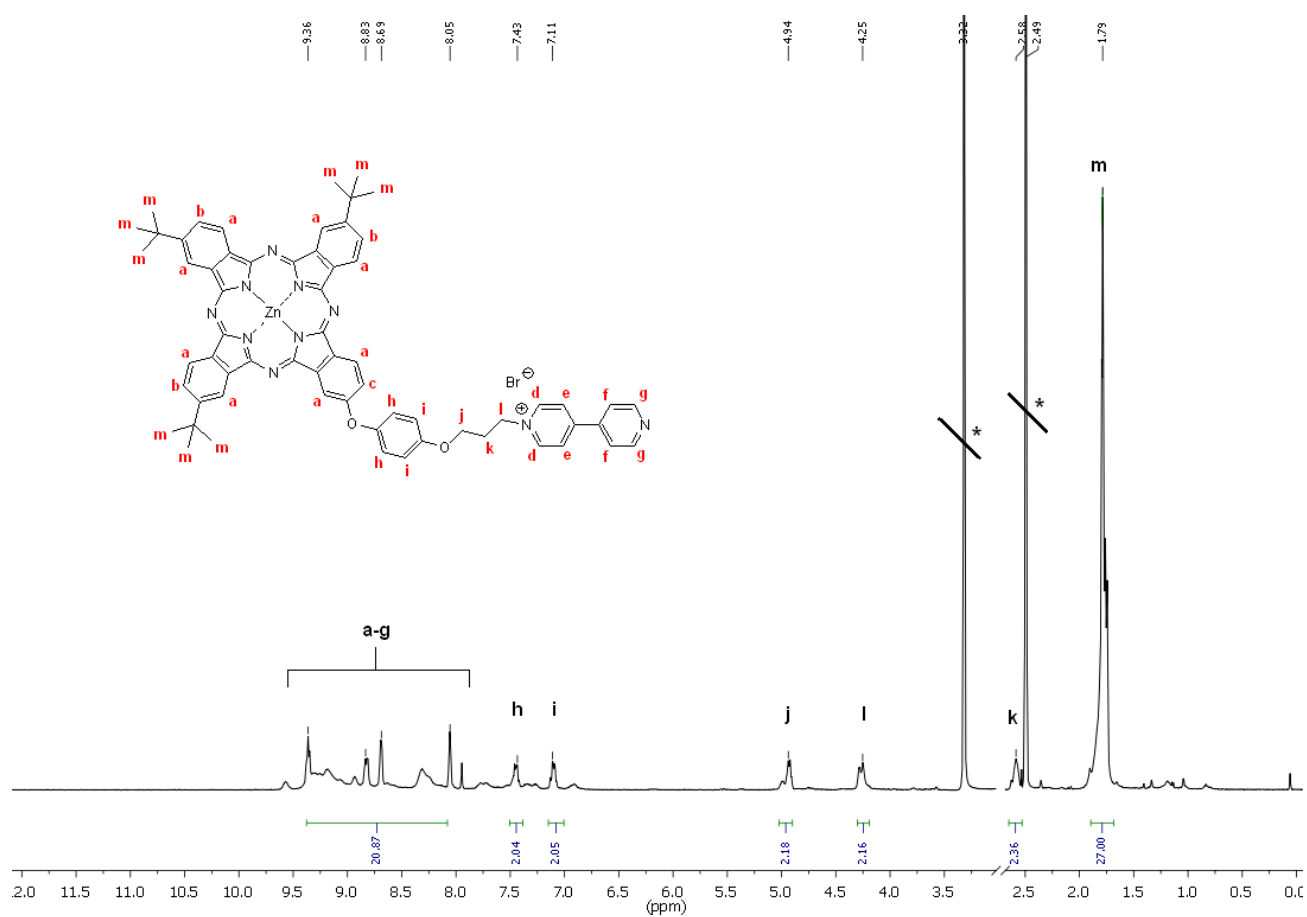


Fig. S7. ¹H-NMR spectrum of **ZnPc-V** in DMSO-*d*₆ (* indicates residual solvent peaks).

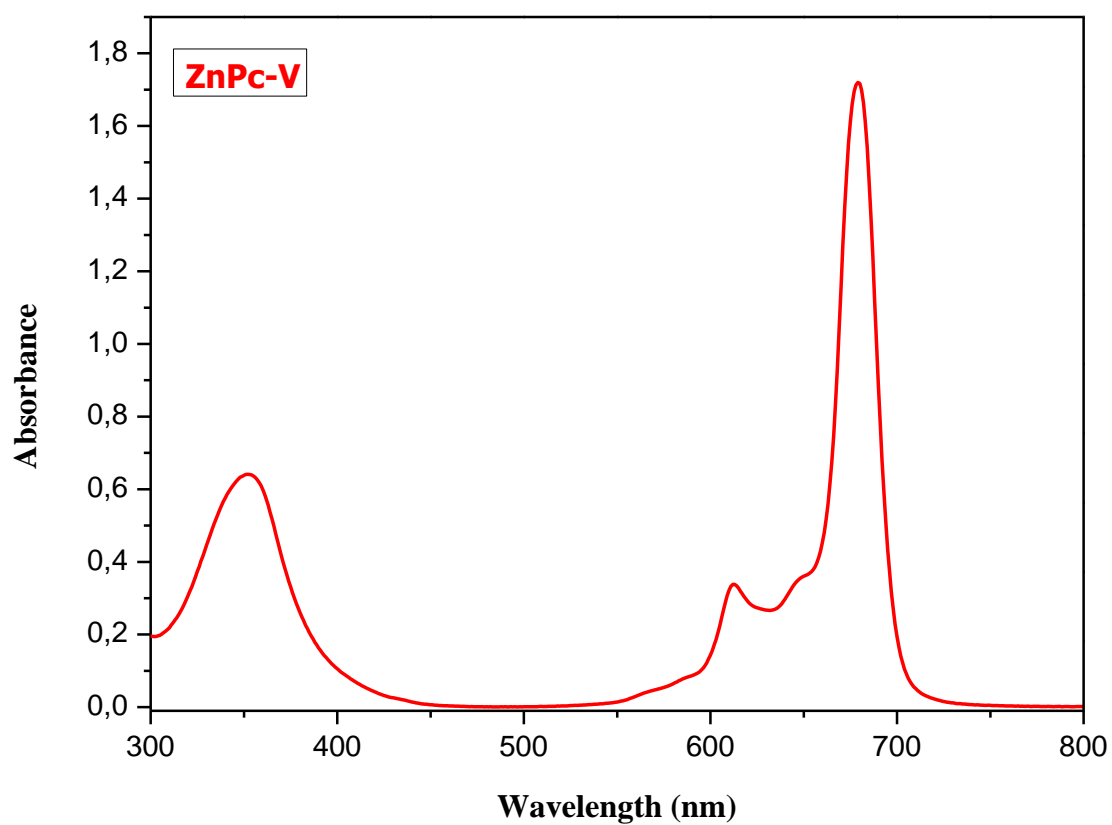


Fig. S8. UV-vis spectrum of **ZnPc-V** in DMSO (concentration: 10^{-5} M).

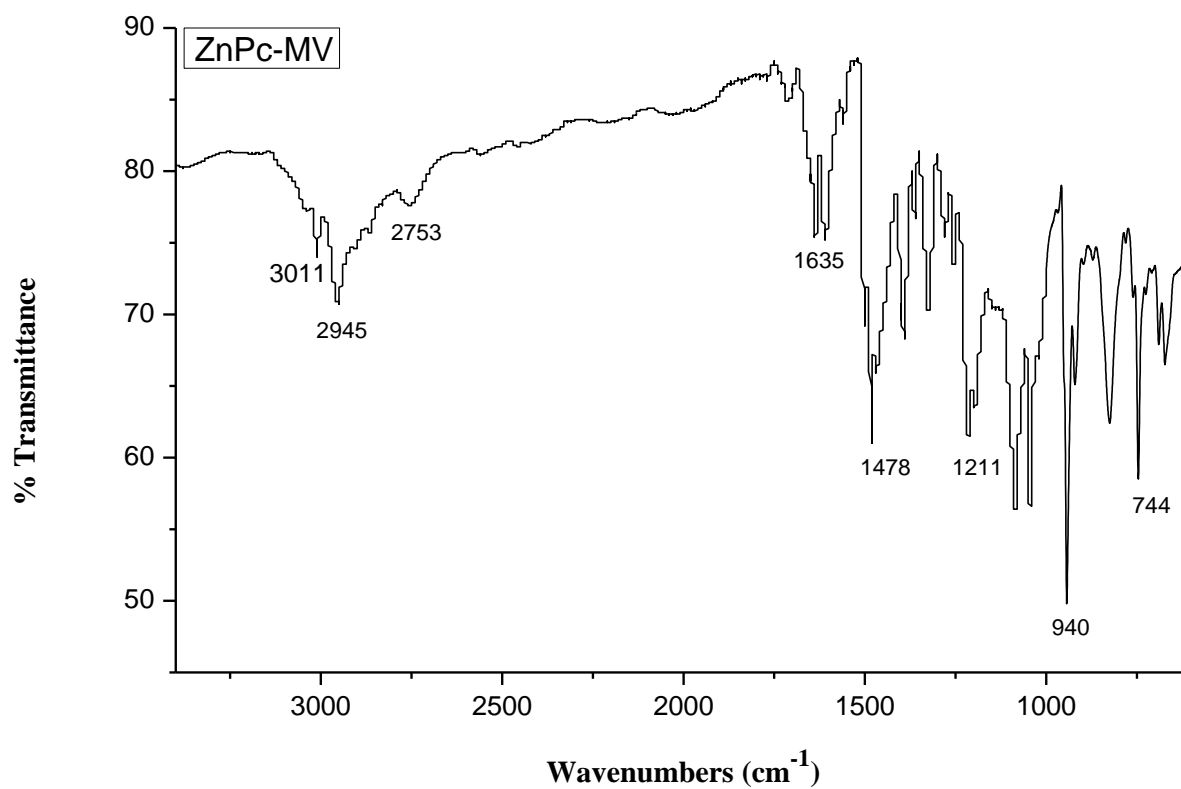


Fig. S9. FT-IR spectrum of ZnPc-MV.

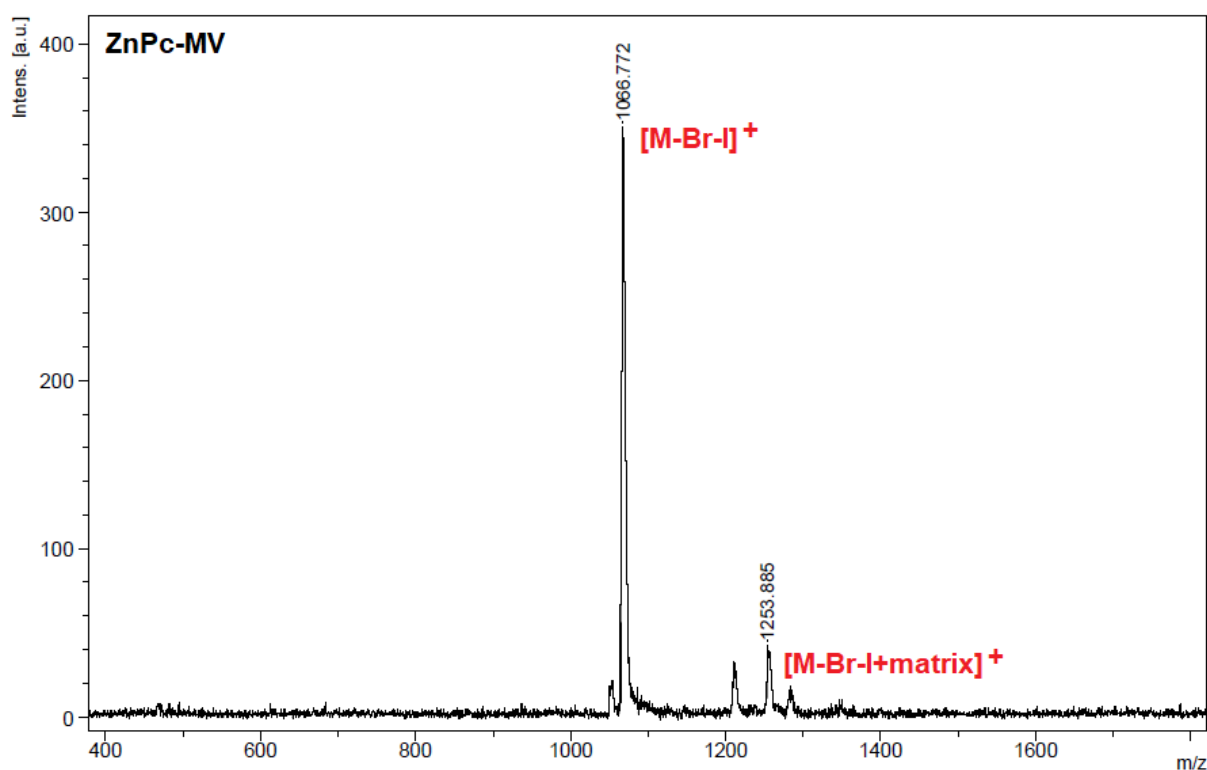


Fig. S10. MALDI-TOF MS spectrum of ZnPc-MV (matrix: α -cyano-4-hydroxy-cinnamic acid).

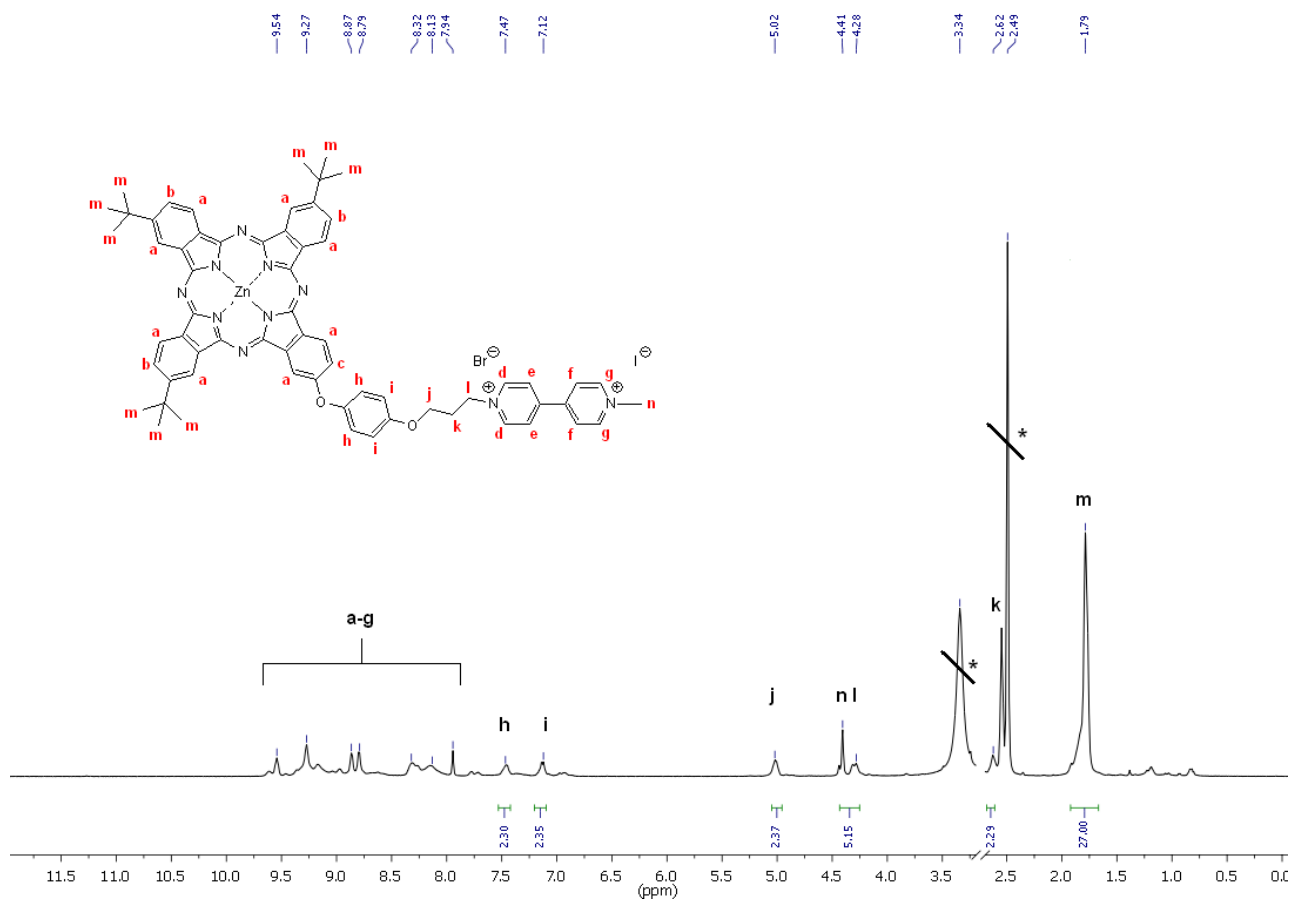


Fig. S11. $^1\text{H-NMR}$ spectrum of **ZnPc-MV** in $\text{DMSO-}d_6$ (* indicates residual solvent peaks).

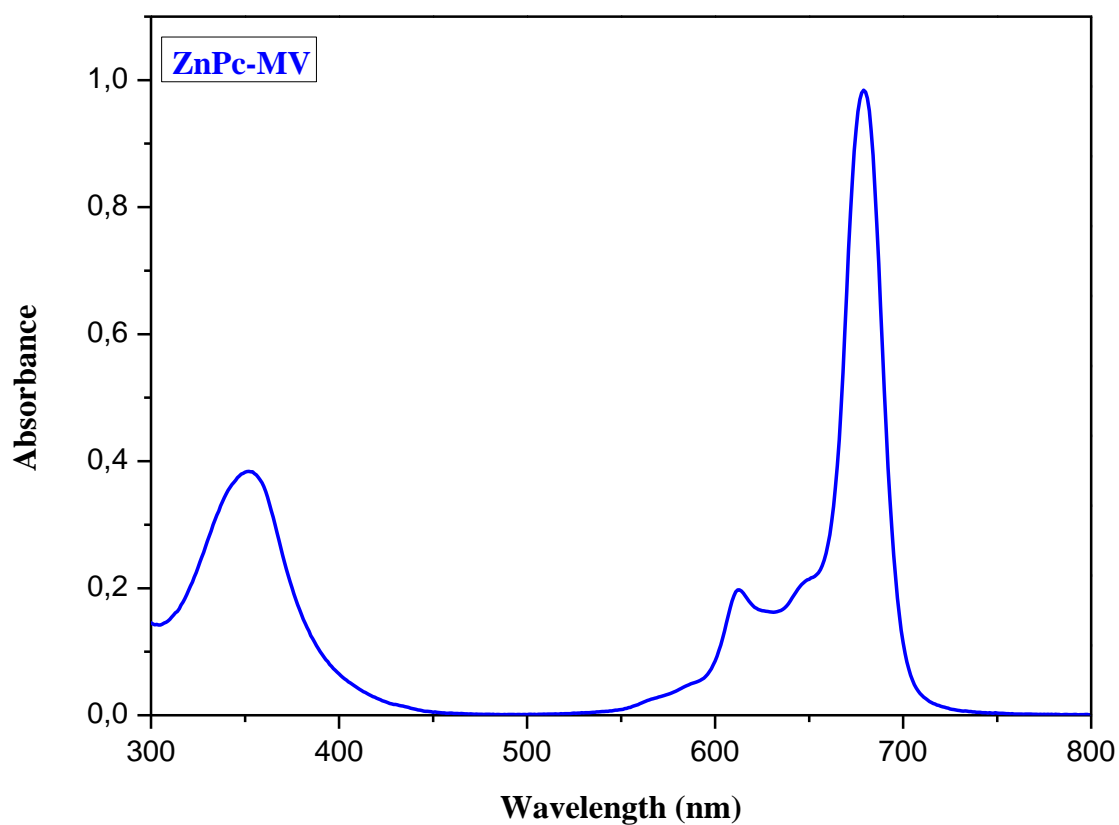


Fig. S12. UV-vis spectrum of **ZnPc-MV** in DMSO (concentration: 10^{-5} M).