

Supporting Information for

**A Novel Trigeminal Zinc Porphyrin And Corresponding
Porphyrin Monomers For Dye-Sensitized Solar Cells**

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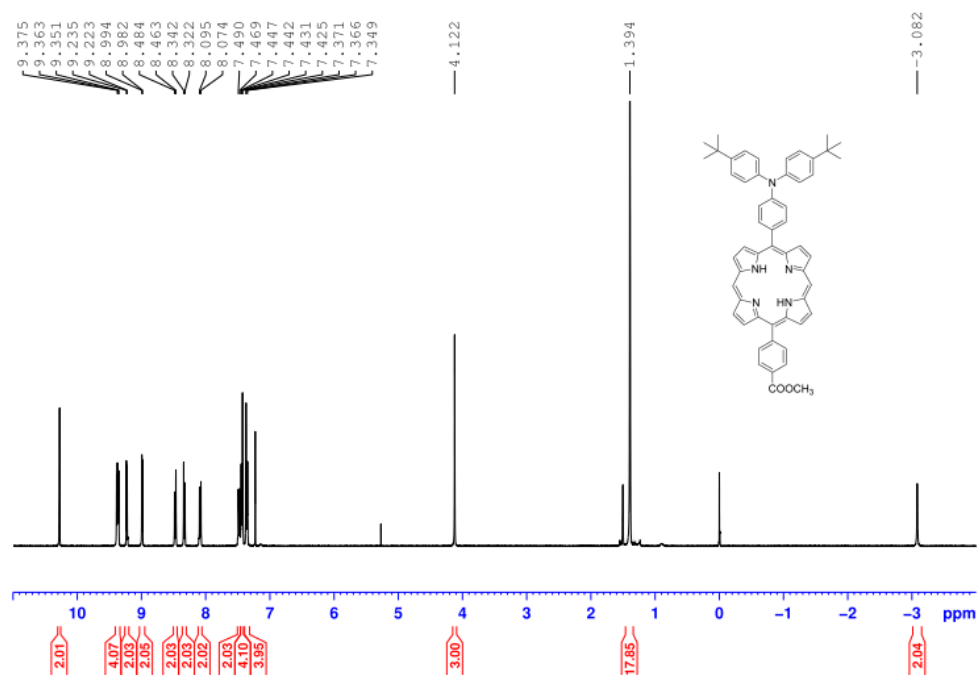


Fig. S1. The ¹H NMR spectrum of **PM** in CDCl₃.

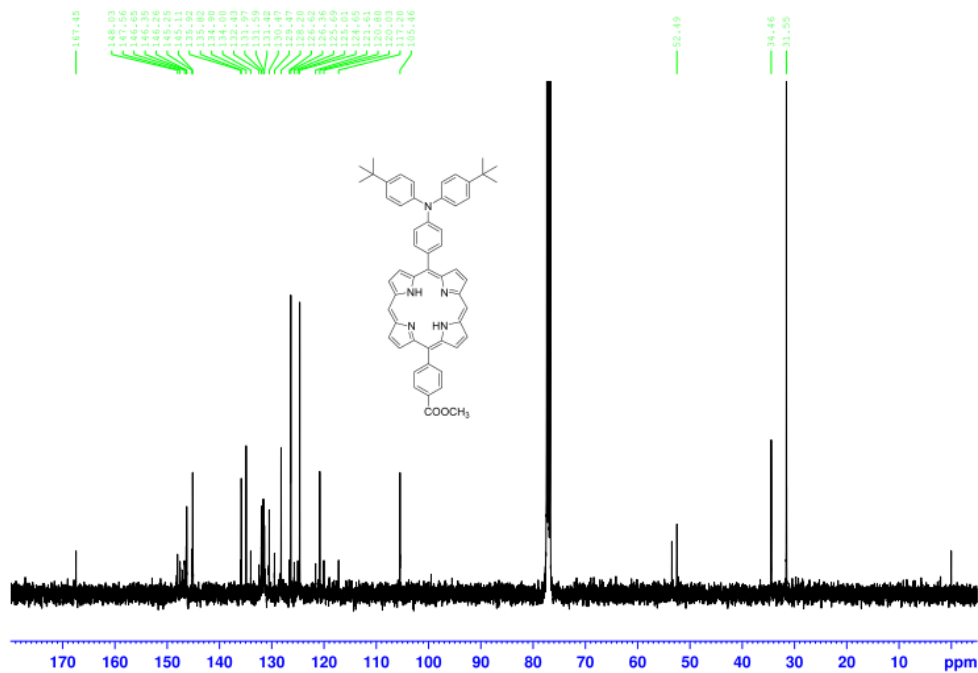


Fig. S2. The ¹³C NMR spectrum of **PM** in CDCl₃.

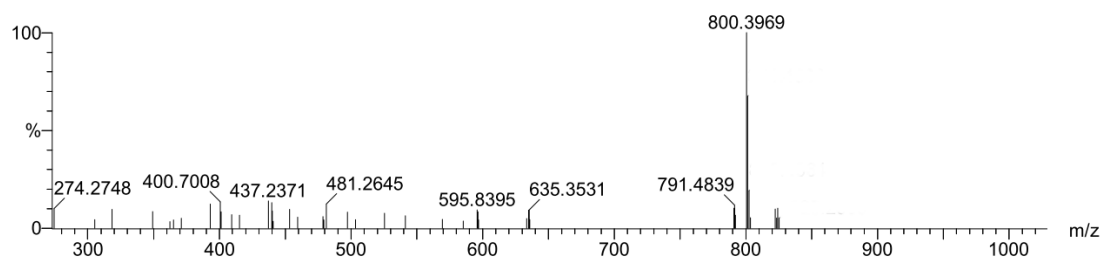


Fig. S3. ESI HRMS of PM in MeOH.

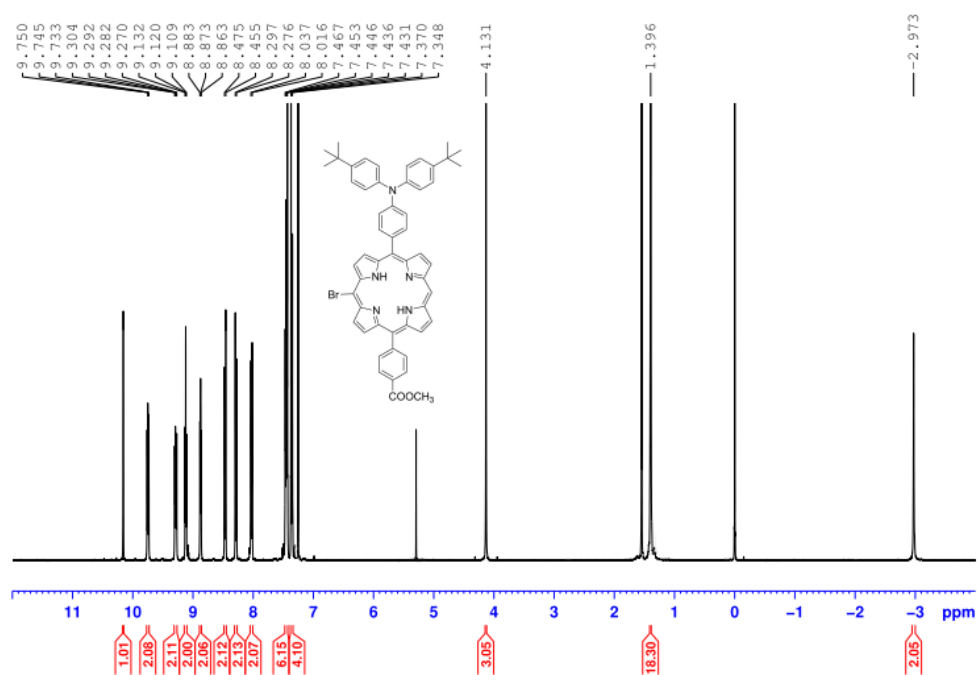


Fig. S4. The ¹H NMR spectrum of BrPM in CDCl₃.

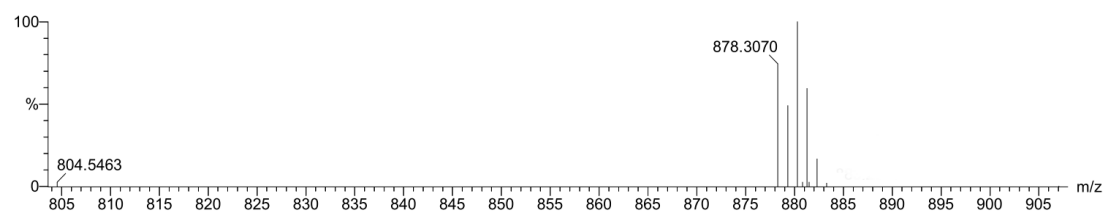


Fig. S5. ESI HRMS of BrPM in MeOH.

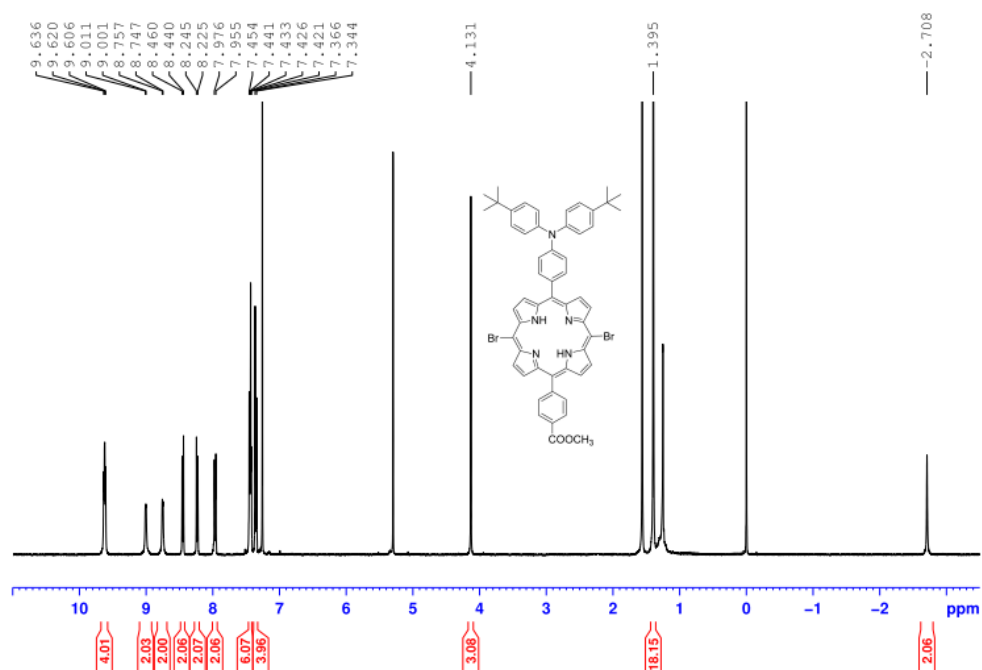


Fig. S6. The ^1H NMR spectrum of **Br2PM** in CDCl_3 .

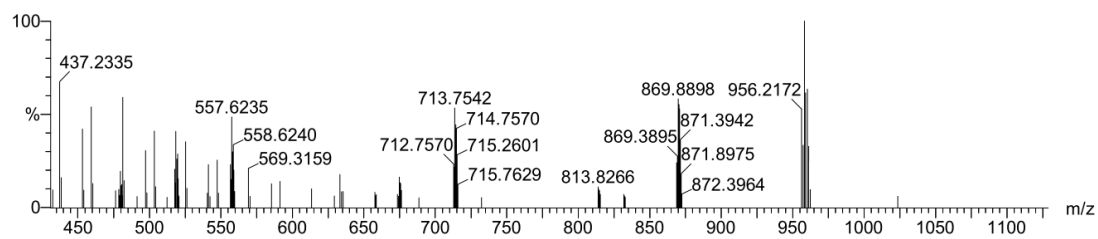


Fig. S7. ESI HRMS of **Br2PM** in MeOH.

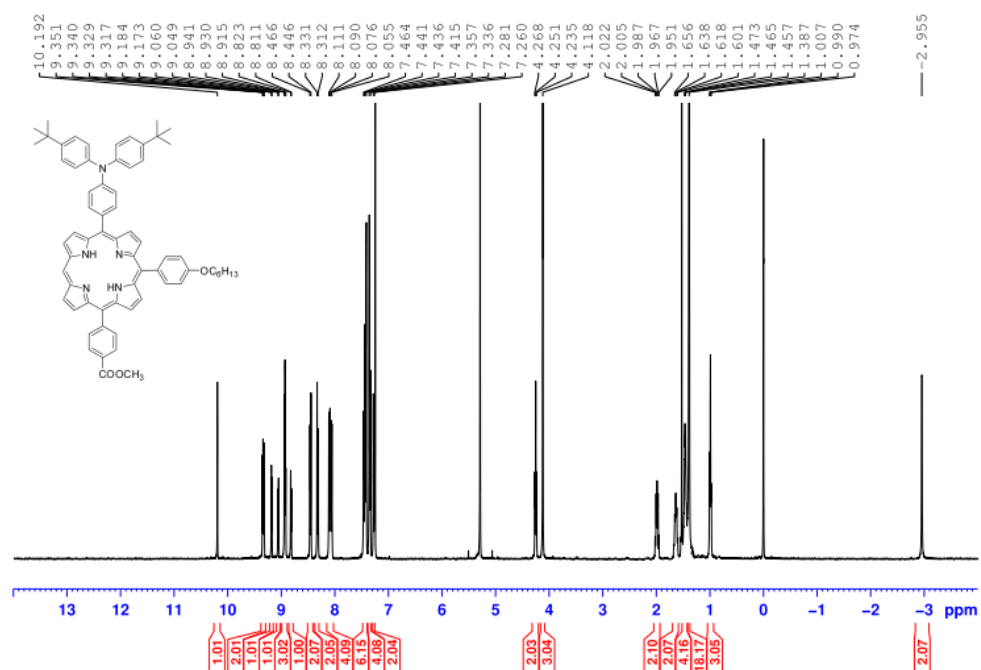


Fig. S8. The ¹H NMR spectrum of **PM1** in CDCl₃.

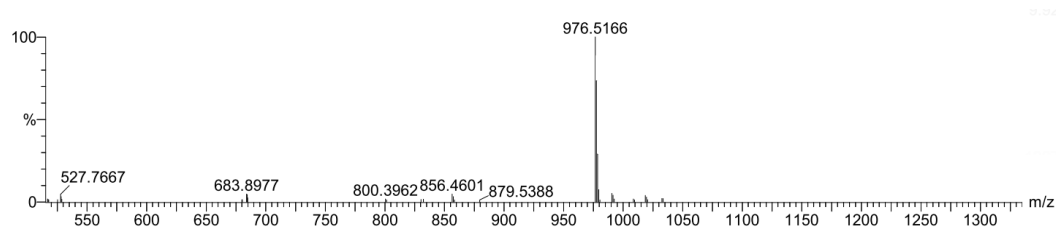


Fig. S9. ESI HRMS of **PM1** in MeOH.

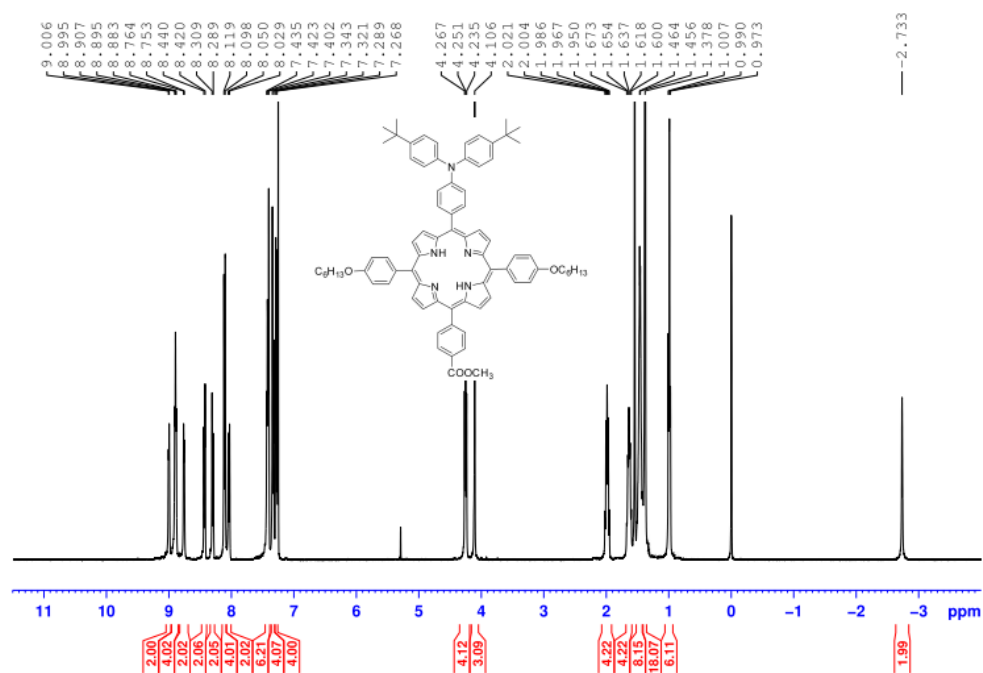


Fig. S10. The ¹H NMR spectrum of **PM2** in CDCl₃.

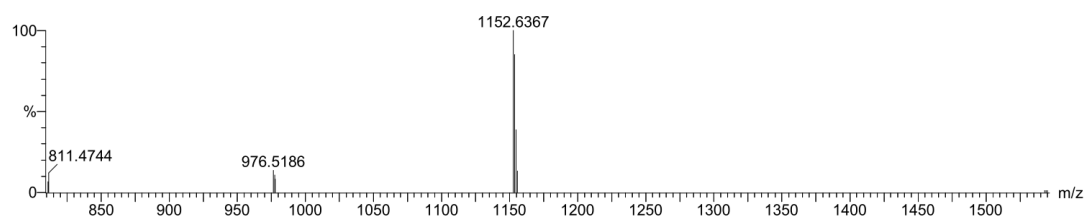


Fig. S11. ESI HRMS of **PM2** in MeOH.

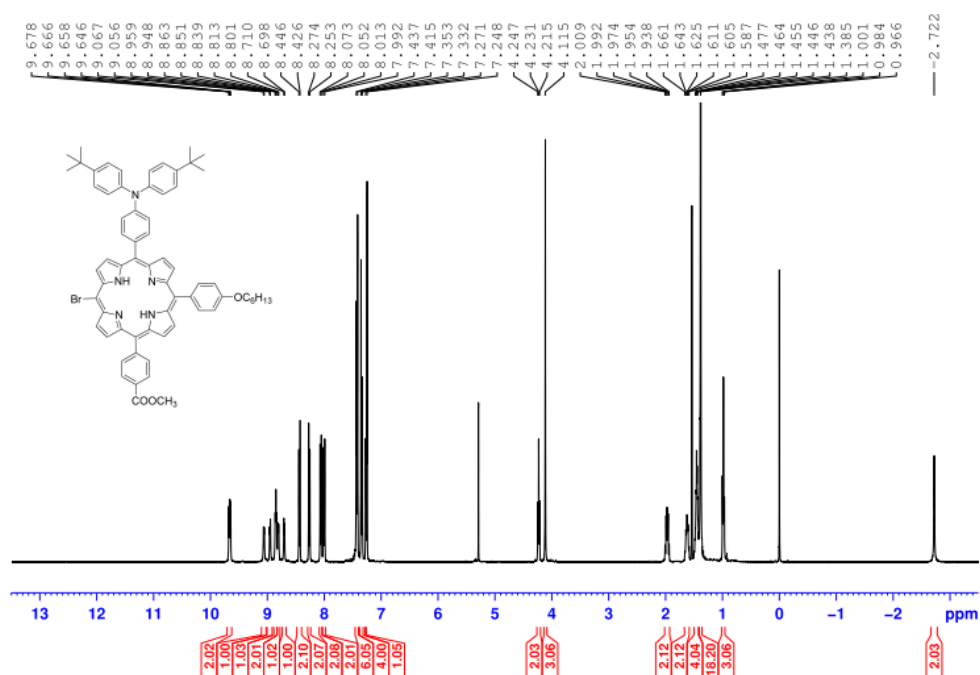


Fig. S12. The ¹H NMR spectrum of **BrPM1** in CDCl₃.

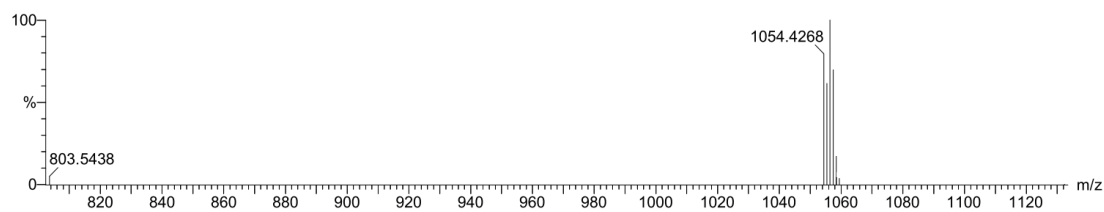


Fig. S13. ESI HRMS of **BrPM1** in MeOH.

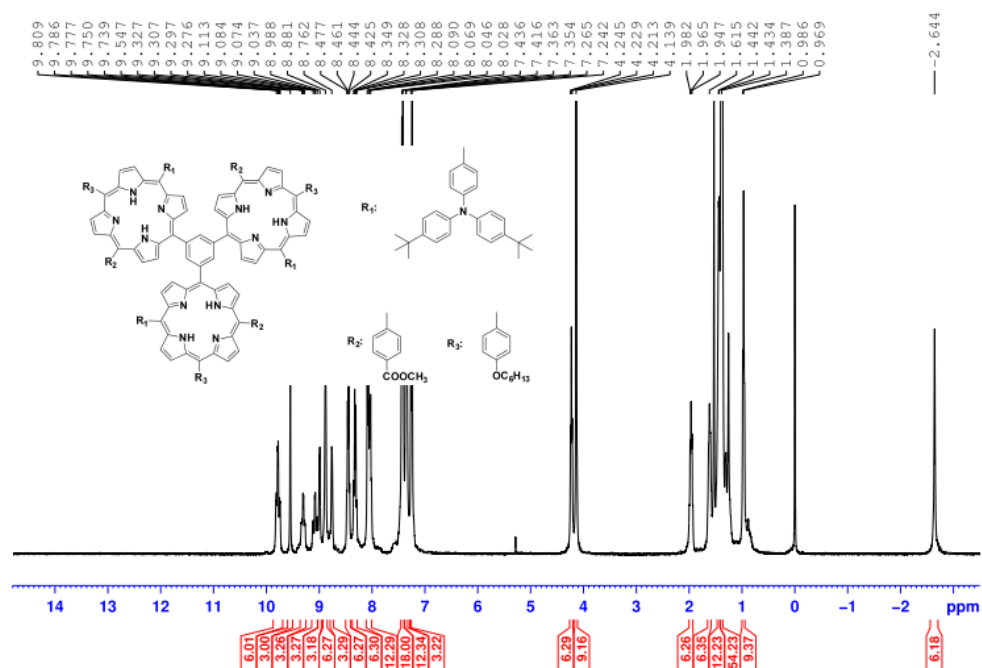


Fig. S14. The ¹H NMR spectrum of PT in CDCl₃.

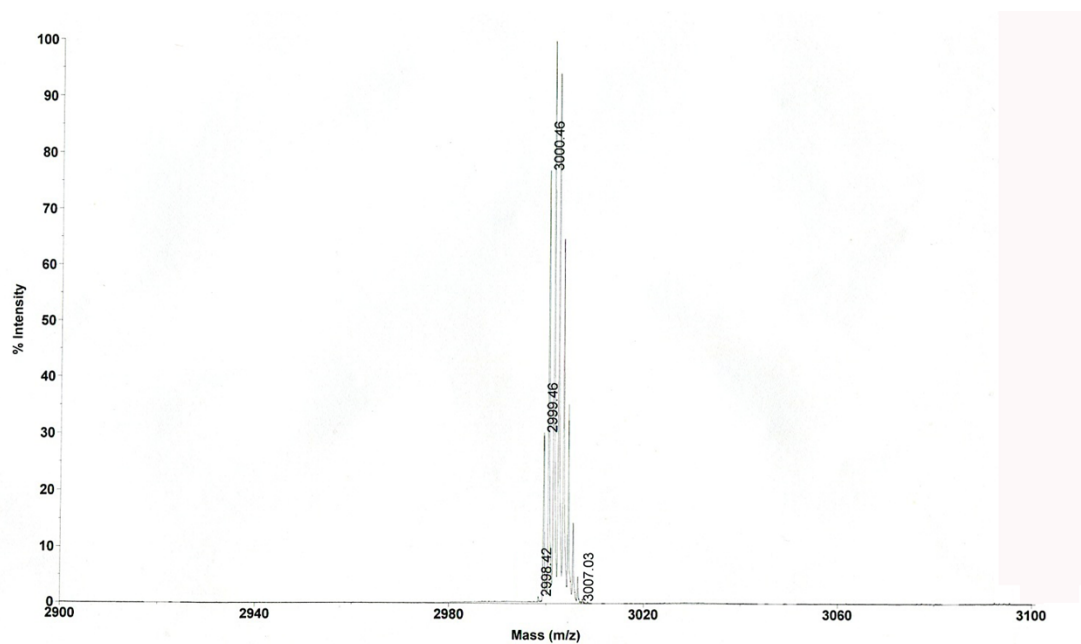


Fig. S15. MALDI-TOF-MS of PT.

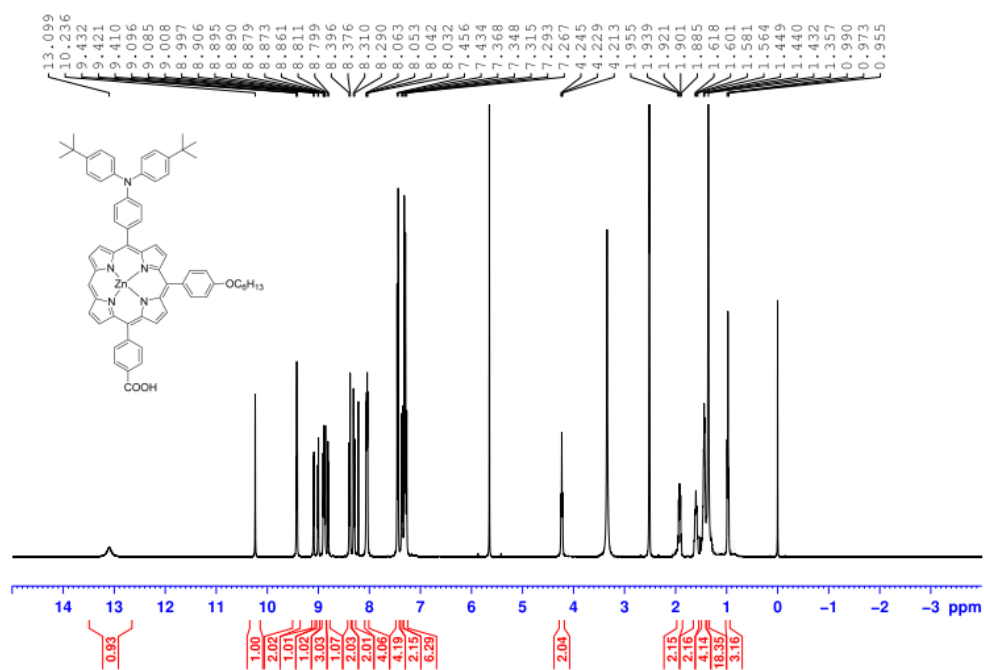


Fig. S16. The ¹H NMR spectrum of **M1** in CDCl₃+d⁶-DMSO.

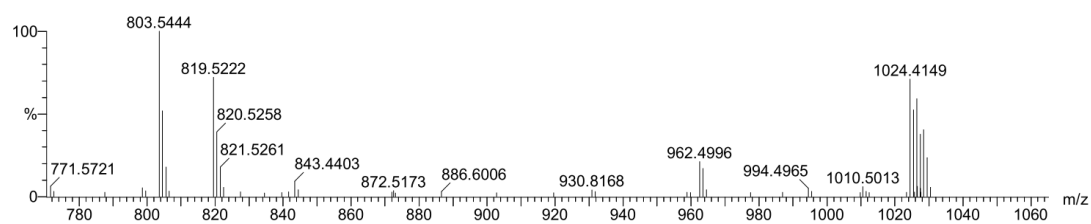


Fig. S17. ESI HRMS of **M1** in MeOH.

