

Supporting information for:

Novel soluble thieno[3,2-b]thiophene fused porphyrazine

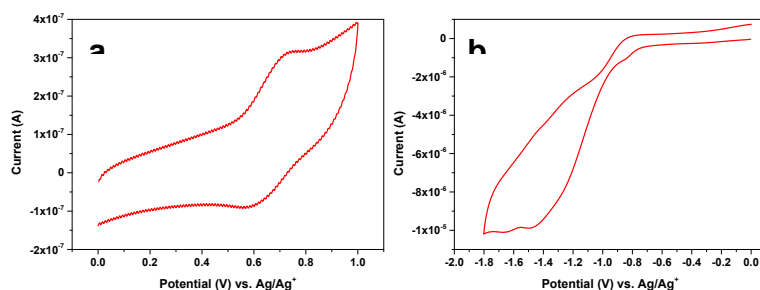


Figure S1: Cyclic voltammograms of ZnTTPz in DCM/ [n-Bu₄N]PF₆ solutions (0.3M) at a scan rate of 100 mVs⁻¹)

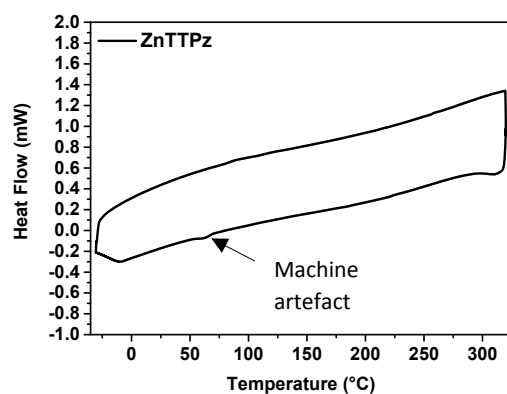


Figure S2: Differential scanning calorimetry of ZnTTPz scanning from -30°C to 320°C at a rate of 10°C/minute

NMR spectra new compounds:

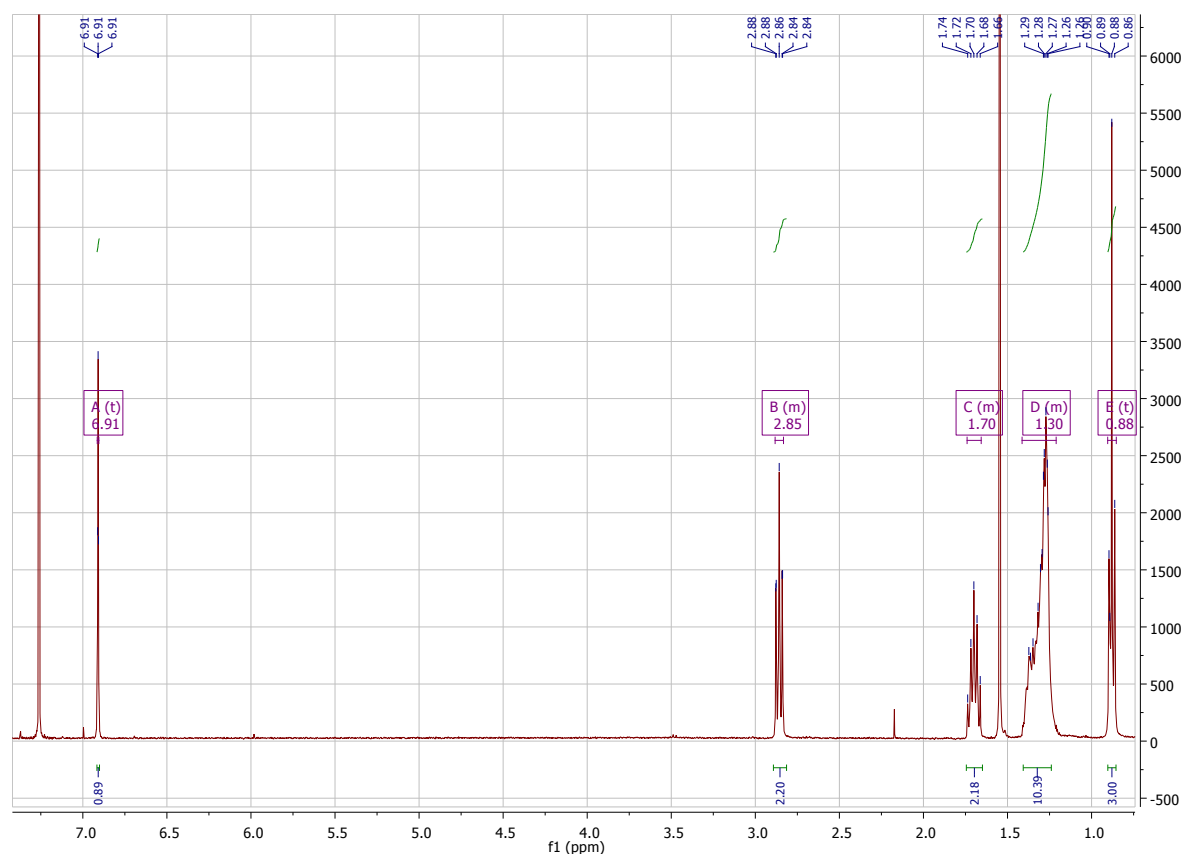


Figure S3: ^1H NMR spectrum of 2,3-Dibromo-5-octylthieno[3,2-b]thiophene (6) in CDCl_3 .

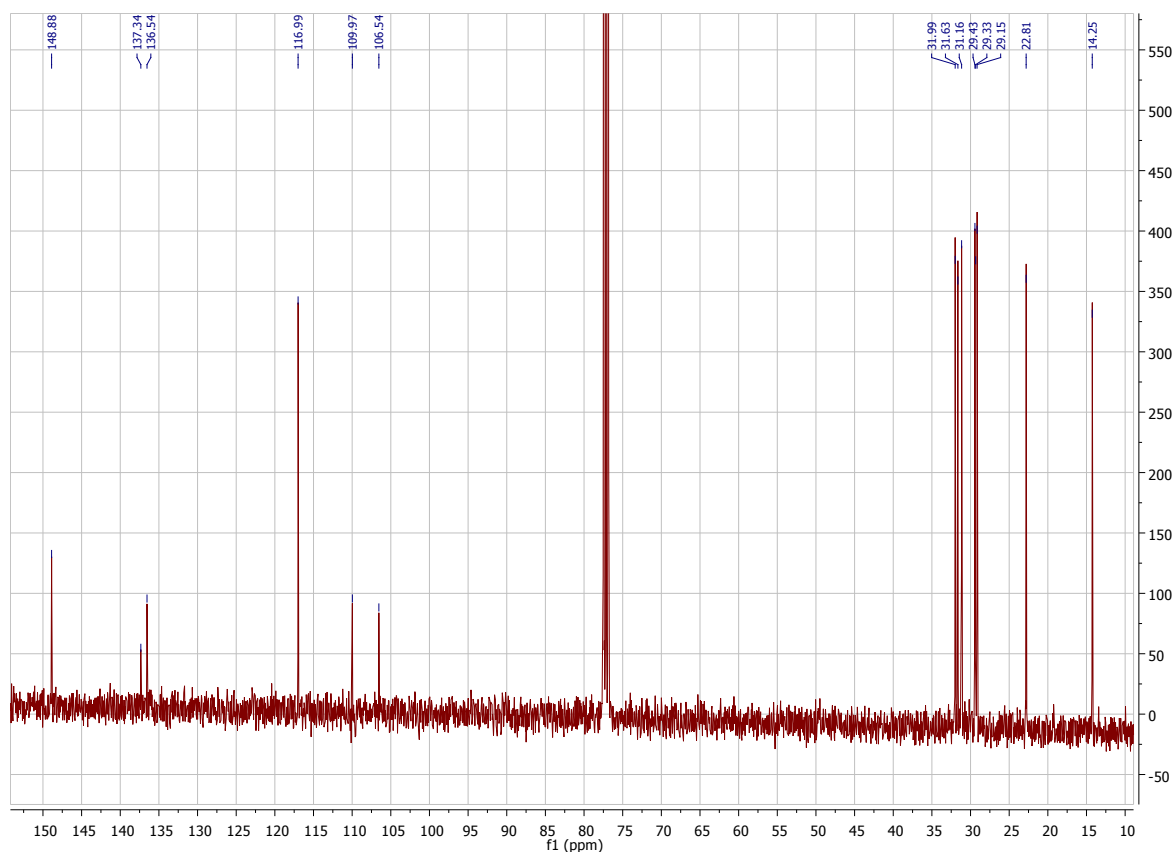


Figure S4: ¹³C NMR spectrum of 2,3-Dibromo-5-octylthieno[3,2-b]thiophene (**6**) in CDCl₃.

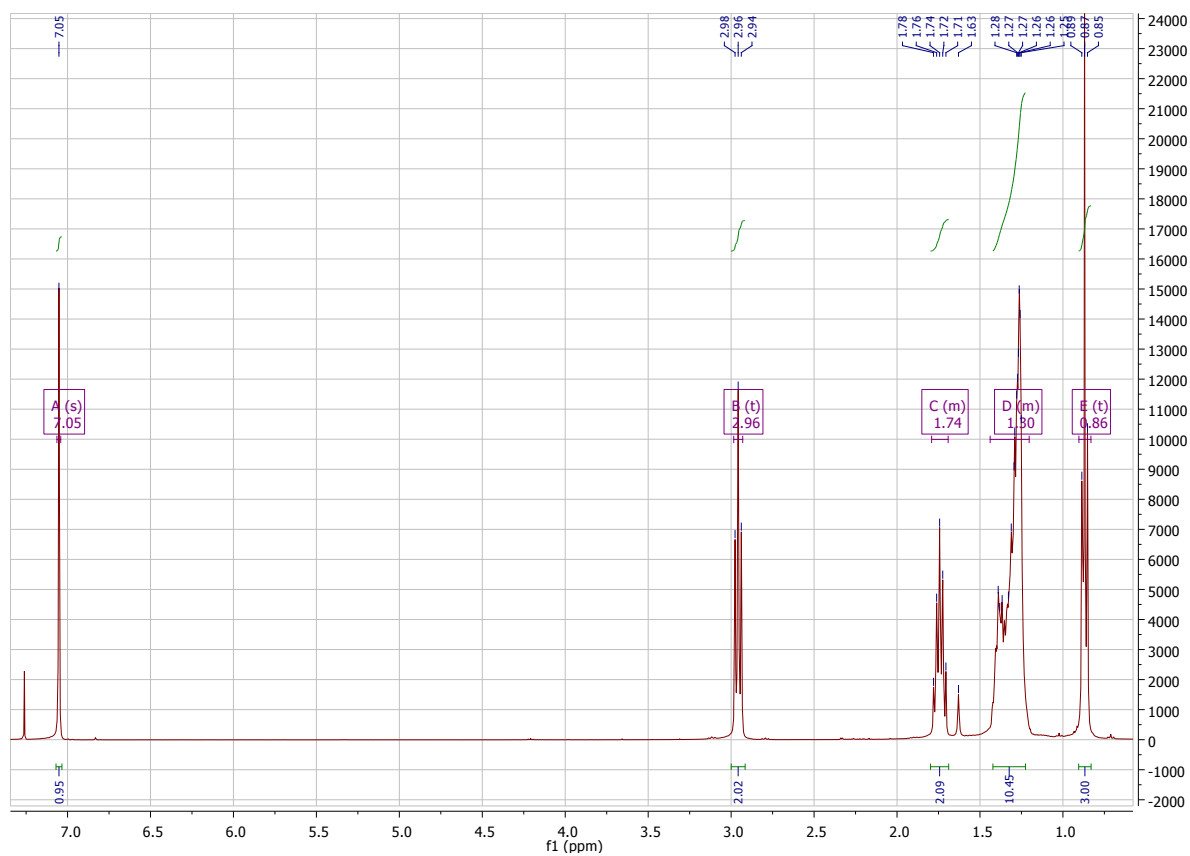


Figure S5: ^1H NMR spectrum of 2,3-Dicyano-5-octylthieno[3,2-b]thiophene (**7**) in CDCl_3 .

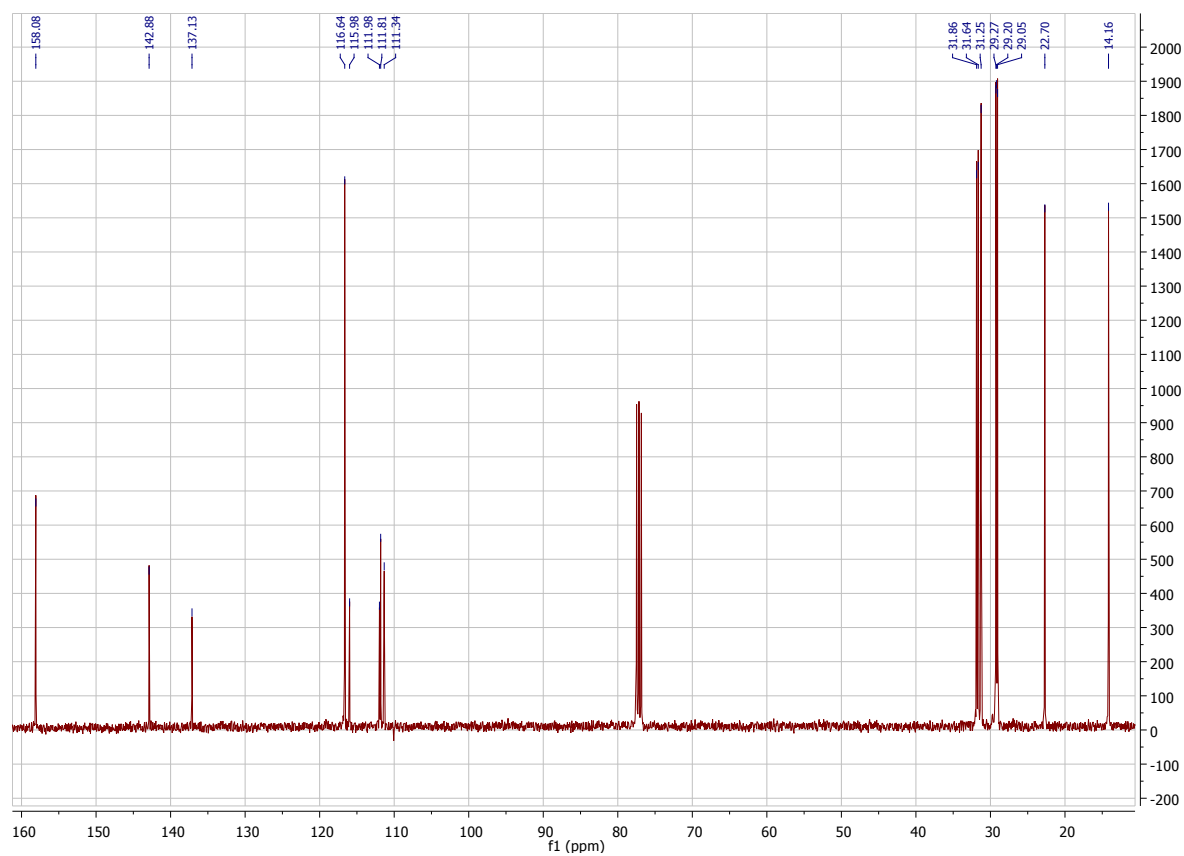


Figure S6: ¹³C NMR spectrum of 2,3-Dicyano-5-octylthieno[3,2-b]thiophene (7) in CDCl₃.

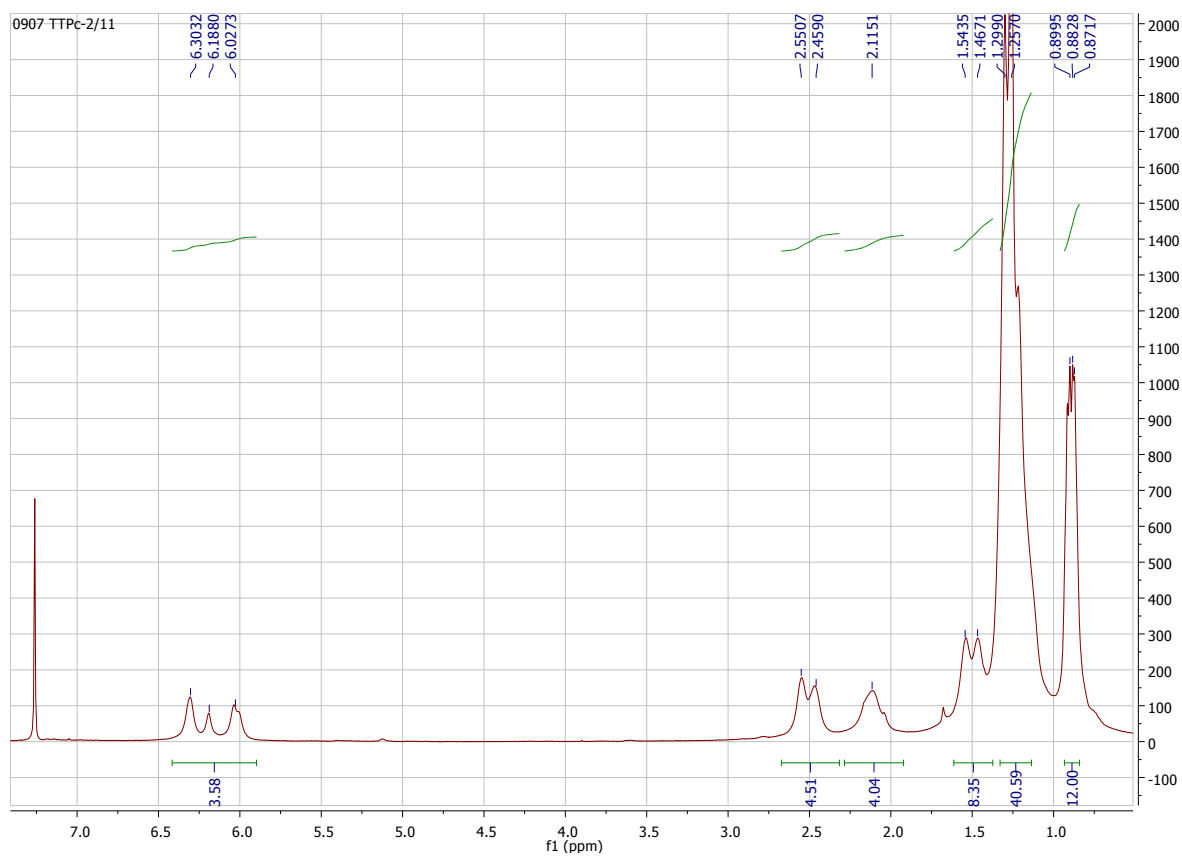


Figure S7: ^1H NMR spectrum of ZnTTPz in CDCl_3 .

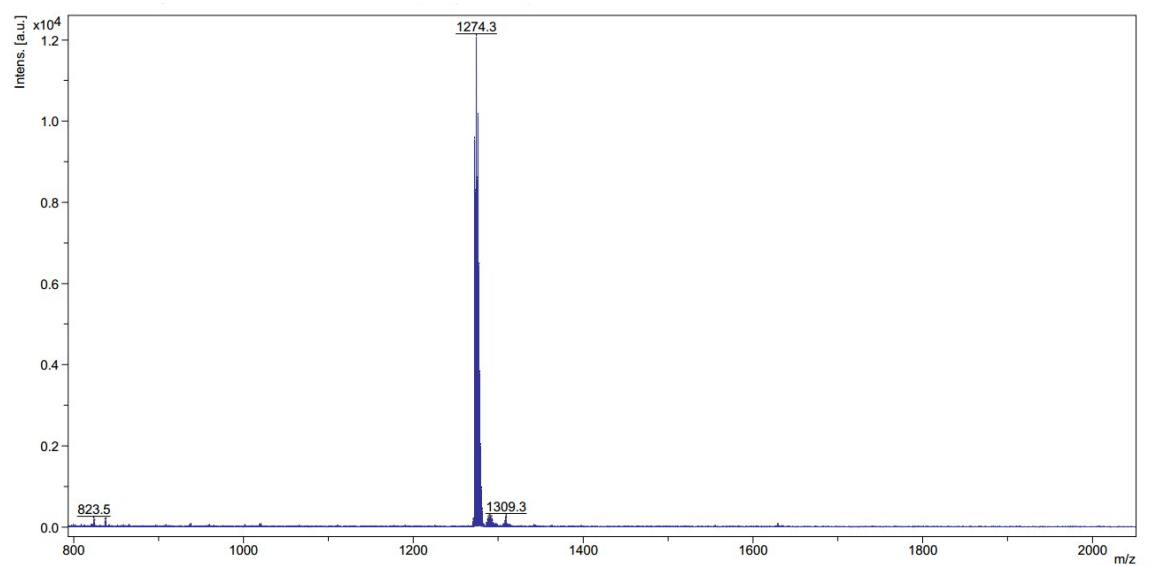


Figure S8: MALDI-TOF reflectron mass spectrum for ZnTTPz [M^+]

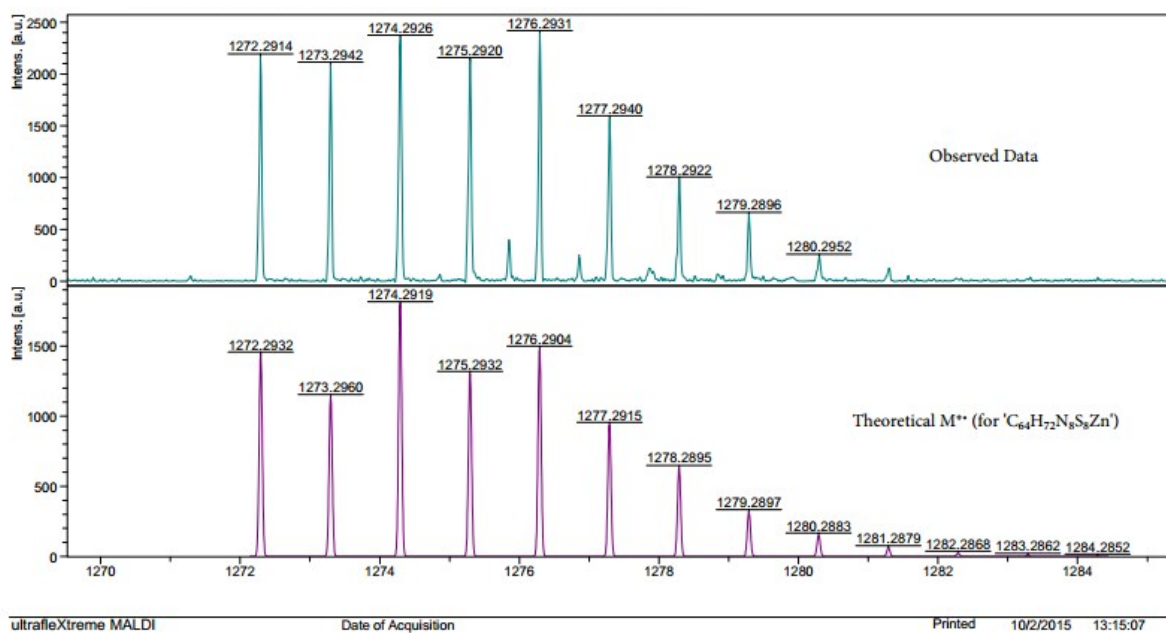


Figure S9: Calculated and observed accurate mass measurement MALDI-TOF mass spectra for ZnTTPz [M^{•+}].