**Supporting Information**

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4-Carboxyphenyl Substituted Porphyrazine, Its Ester and Their Zinc(II) Complexes

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Figure S1. MALDI-TOF mass spectra of the compounds obtained.

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| Figure S2. IR spectra (KBr tablets) of H2Pz(PhCOOH)8 (left) and H2Pz(PhCOOBu)8. (right, black lines) and their zinc complexes (red lines) |

***1H NMR data***

*Octa(4-buthoxycarbonylphenyl)porphyrazine, H2Pz(PhCOOBu)8.* 1H NMR (CDCl3, 500 MHz) δ ppm: 8.27 (32H, m, *meta+ortho* HPh), 4.49 (16H, t, *J*=6.8 Hz, -COOC*H*2-), 1.91 (16H, quintet, *J* = 7.5 Hz, *J* = 7.0 Hz, -COOCH2C*H2*C2H5), 1.61 (16H, m, -COO(CH2)2*CH2*CH3), 1.09 (24H, triplet, *J* = 7.32 Hz, -COO(CH2)3*CH*3), -1.49 (2H, s, -NH).

*Octa(4-buthoxycarbonylphenyl)porphyrazinatozinc(II), ZnPz(PhCOOBu)8.* 1H NMR (CDCl3, 500 MHz, the signals are broadened due to interaction of Zn cations with ester fragments) δ ppm: 8.33 (16H, br.s, *ortho* HPh), 7.96 (16H, br.s, *meta* HPh), 4.26 (16H, br.s, -COOC*H*2-), 1.75 (16H, br.s, -COOCH2C*H2*C2H5), 1.43 (16H, br.s, -COO(CH2)2*CH2*CH3), 1.01 (24H, br.s, -COO(CH2)3*CH*3).

*Octa(4-carboxyphenyl)porphyrazinatozinc(II), ZnPz(PhCOOH)8.* 1H NMR (DMSO-*d6*, 500 MHz, the signals are broadened due to interaction of Zn cations with carboxyl groups) δ ppm: 12.9 (8H, br.s, -COOH), 8.1 (16H, br.s, *ortho* HPh), 7.2 (16H, br.s, *meta* HPh).