

Supporting Information for

Subphthalocyanine-based conjugated porous polymers for efficient singlet oxygen generation

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1. FT-IR spectra of SubPc-based CPPs

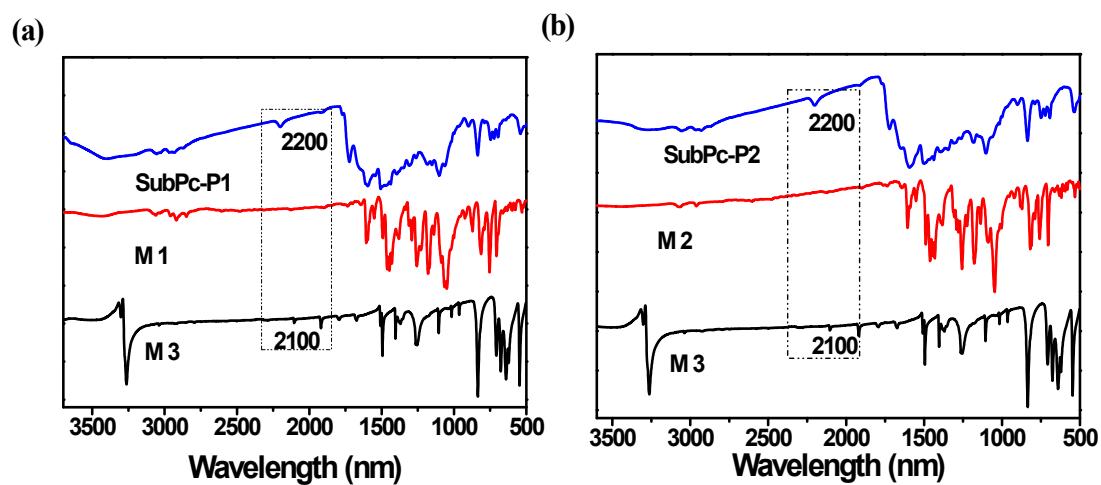


Fig. S1 FT-IR spectra of SubPc-P1 (a) and SubPc-P2 (b).

2. Solid-state ¹³C CP/MAS NMR spectra of SubPc-based CPPs

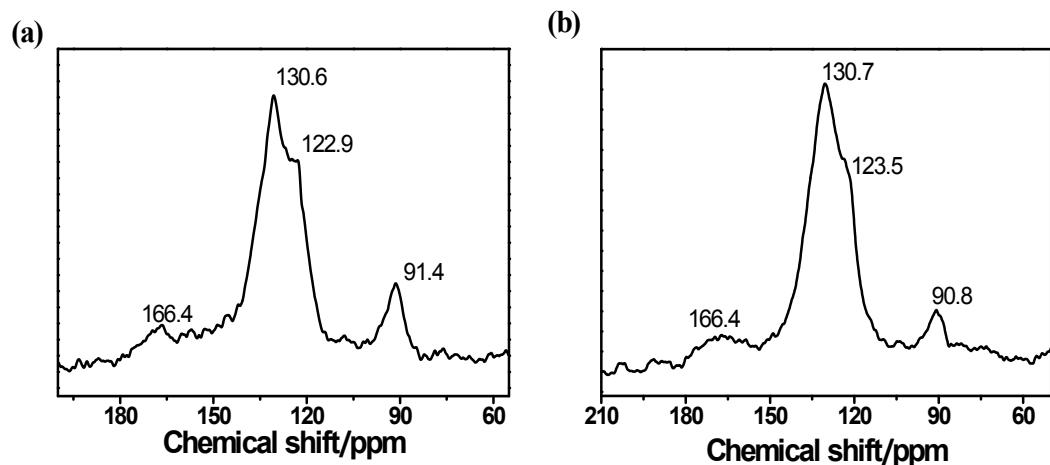


Fig. S2 Solid-state ¹³C CP/MAS NMR spectra of SubPc-P1 (a) and (b) SubPc-P2.

3. Thermogravimetric analysis (TGA) of SubPc-based CPPs

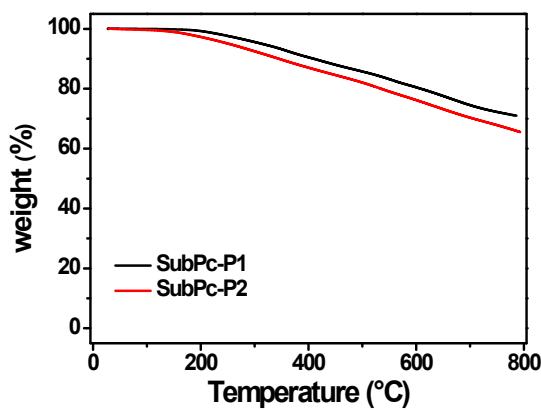


Fig. S3 Thermogravimetric analysis (TGA) of SubPc-P1 (black) and SubPc-P2 (red).

4. Powder X-Ray Diffraction

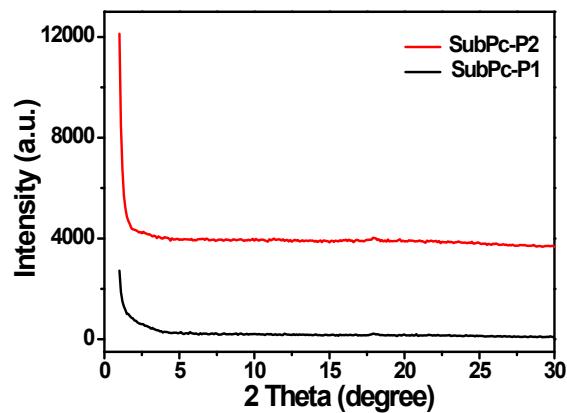


Fig. S4 Powder X-ray diffraction patterns of SubPc-P1 (black) and SubPc-P2 (red).

5. UV-Vis spectra of monomer

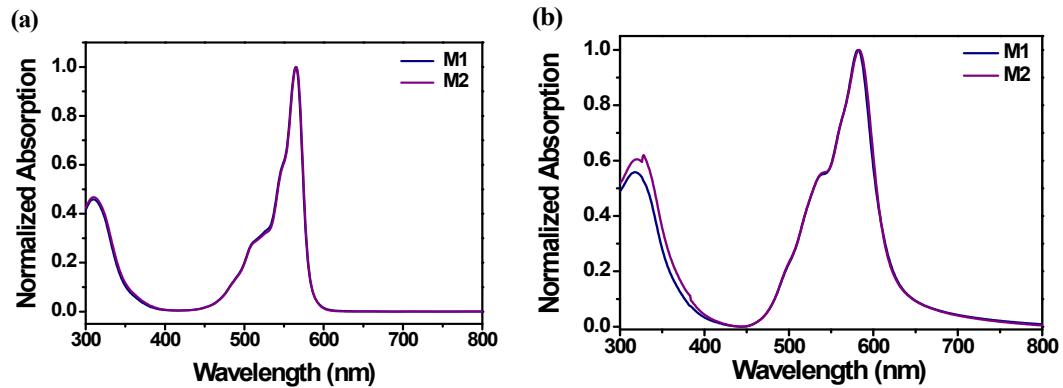


Fig. S5 (a) UV-Vis spectra of monomer 1 (blue) and monomer 2 (green) in THF solution; (c) UV-Vis spectra of monomer 1 (blue) and monomer 2 (green) in film.

6. NLDFT pore distribution of SubPc-based CPPs

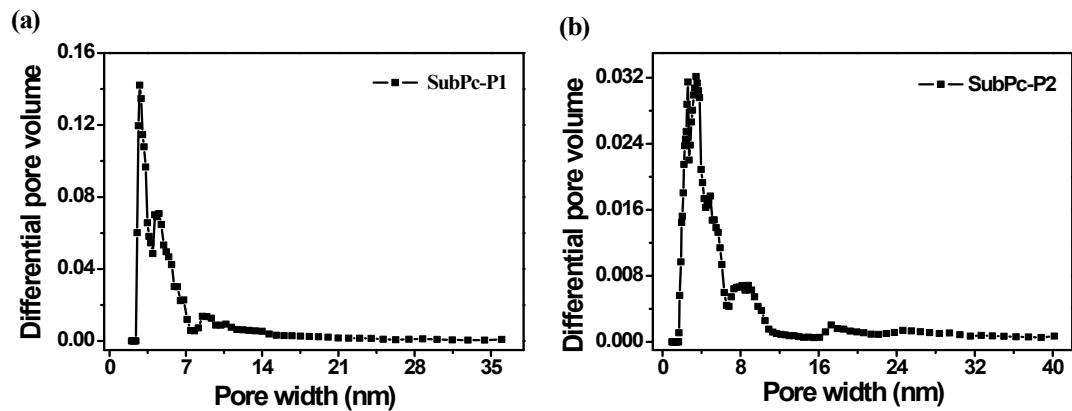


Fig. S6 NLDFT pore distribution of SubPc-P1 (a) and SubPc-P2 (b).

7. Time-dependent absorption spectra of DPBF

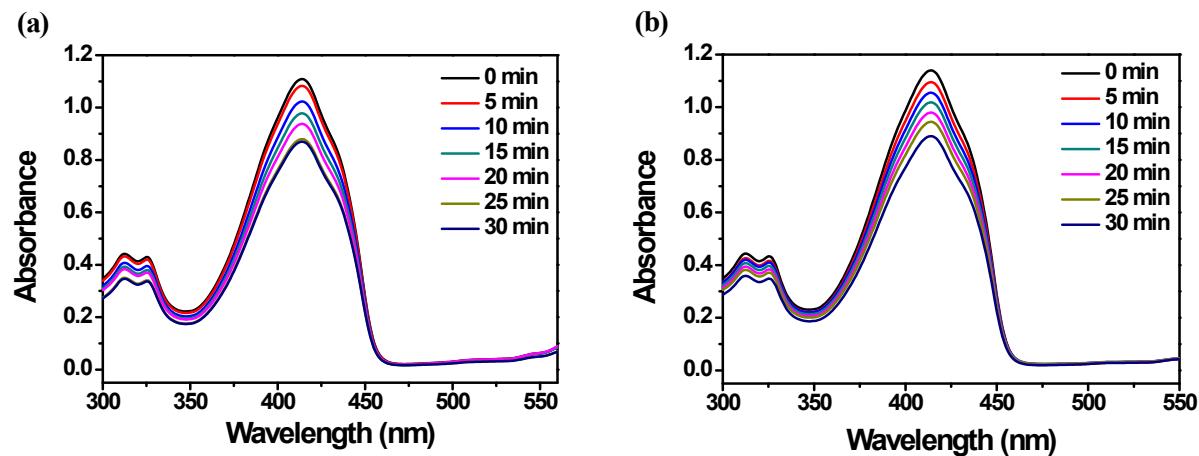


Fig. S7 Time-dependent absorption spectra of DPBF (in THF) upon irradiation at 690 nm (127 mw/ cm²) in the presence of monomer 1 (a) and monomer 2 (b).