

Effect of Chain Length on Thermal Conversion of Alkoxy-Substituted Copper Phthalocyanine Precursors

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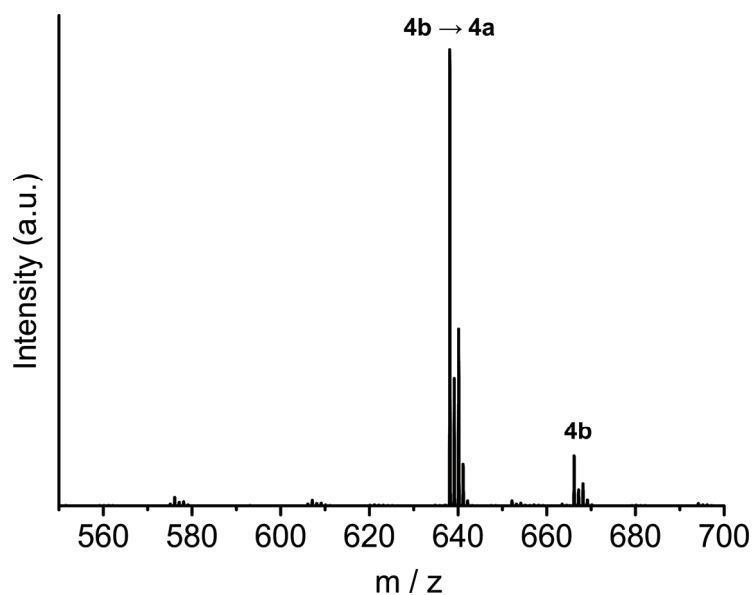


Figure S1 ESI-Mass spectrum of **4b** purified by HPLC (ULTRON VX-ODS, Shinwa Chemical Industries, Ltd.) using $\text{CH}_2\text{Cl}_2 : \text{MeOH} = 1 : 6$ (v/v) as eluent. The spectrum indicates that the ethoxy groups of **4b** were partially replaced with methoxy groups provided from the solvent to give **4a**. **4b**: $m/z = 666$ $[\text{M}]^+$, **4a**: 638 $[\text{M}+\text{H}]^+$.

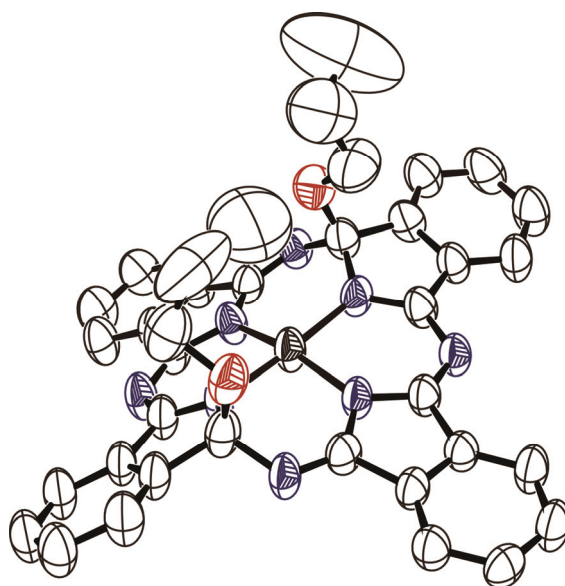


Figure S2 ORTEP representations of **4c** (50% probability ellipsoids). Hydrogen atoms are omitted for clarity.

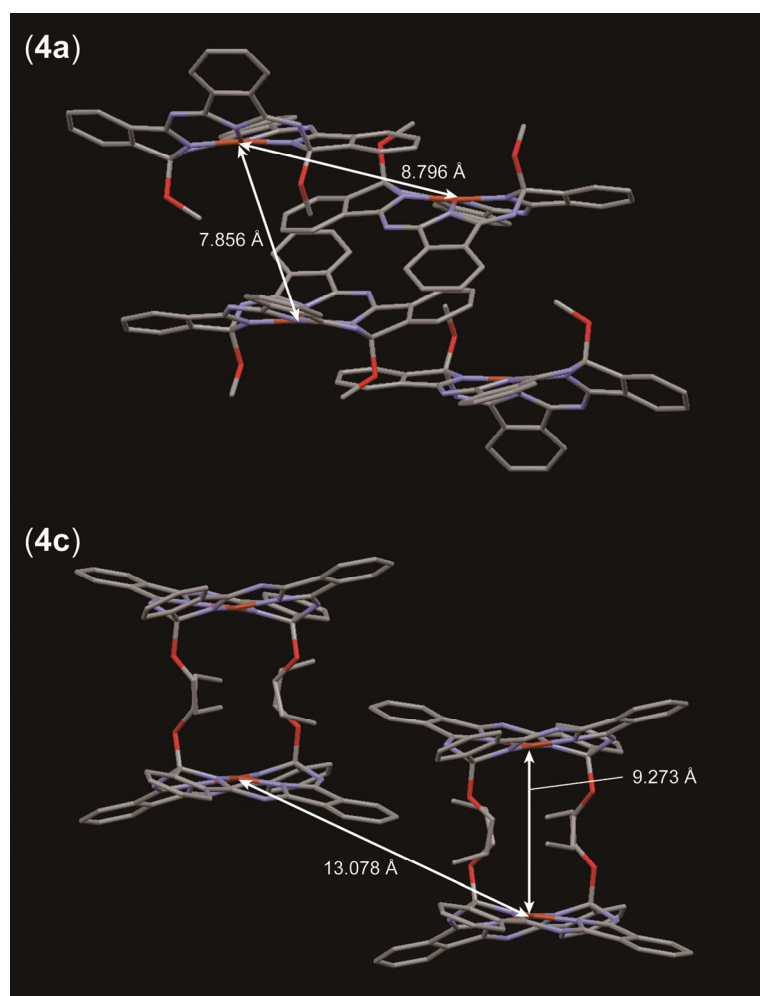


Figure S3 Packing structures of (top) **4a** and (bottom) **4c**. Arrows indicate Cu-Cu distances between neighbor molecules.

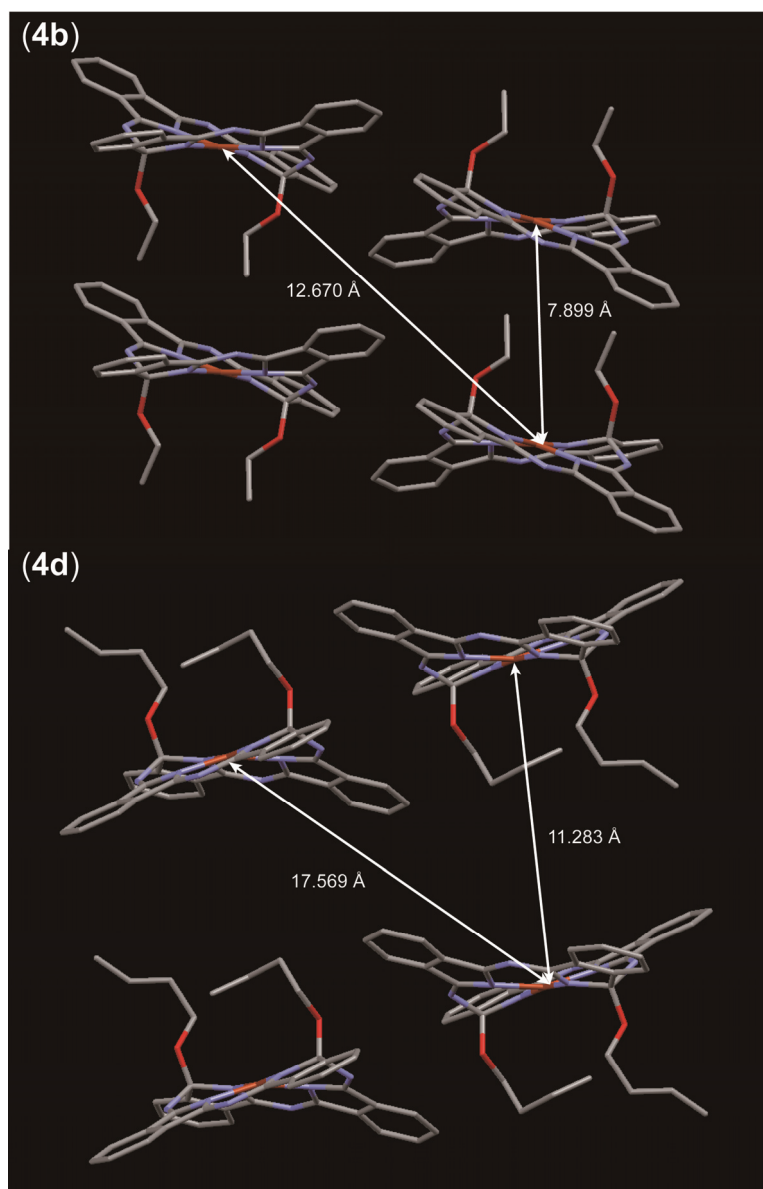


Figure S4 Packing structures of (top) **4b** and (bottom) **4d**. Arrows indicate Cu-Cu distances between neighbor molecules.