

Supporting Information

**Sandwich-Type Mixed (Phthalocyaninato)(porphyrinato) Europium
Triple-Decker Nanotubes. Effect of the Phthalocyanine Peripheral Substituents
on the Molecular Packing**

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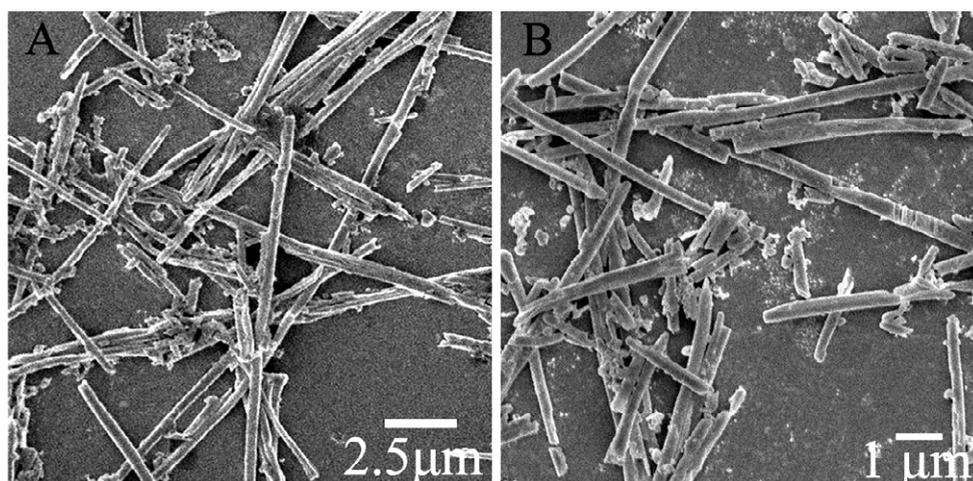


Figure S1. SEM images of nanotubes fabricated from **2** (A) and **3** (B) using anodized aluminum oxide as template after immersing for 5 days.

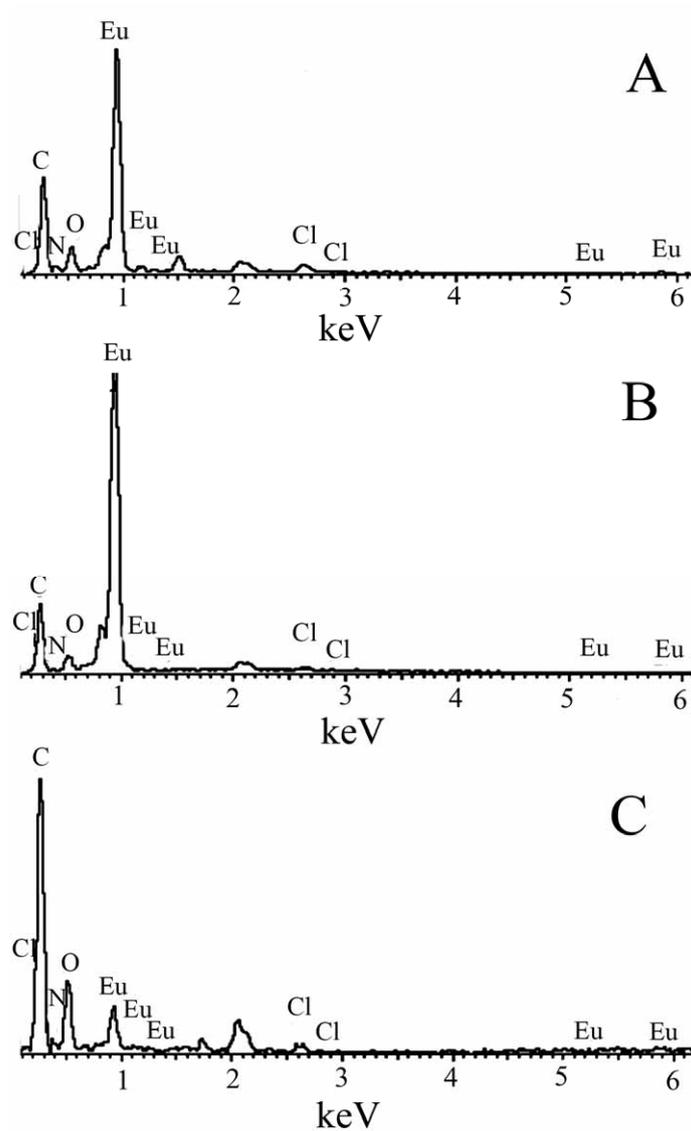


Figure S2. EDS images of nanotubes fabricated from **1** (A), **2** (B), and **3** (C).

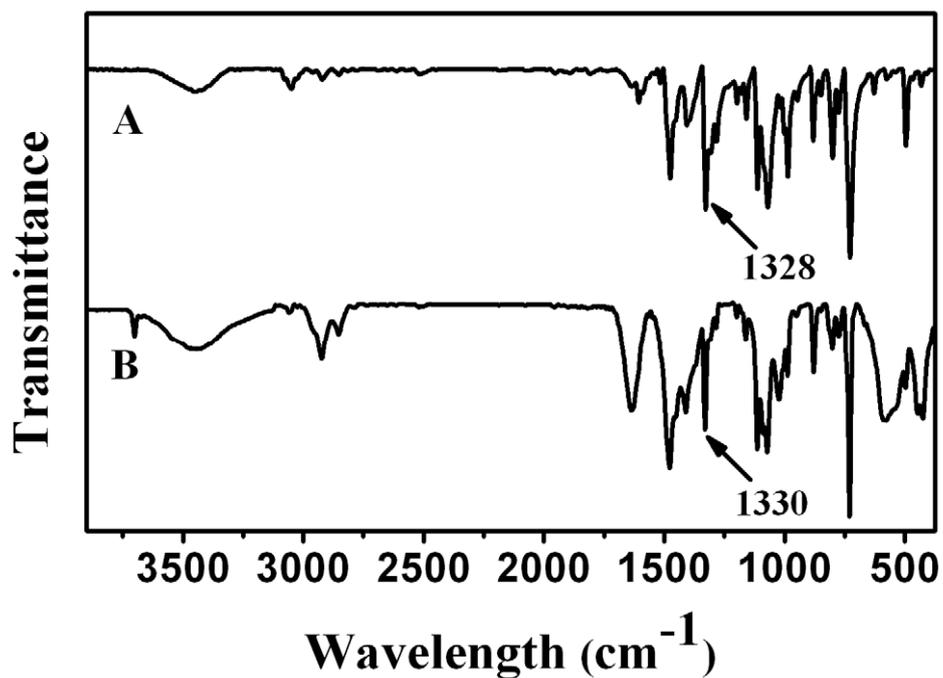


Figure S3. IR spectra of **1** (A) and nanotubes fabricated from **1** (B) in the region of 375-3900 cm⁻¹ with 2 cm⁻¹ resolution.

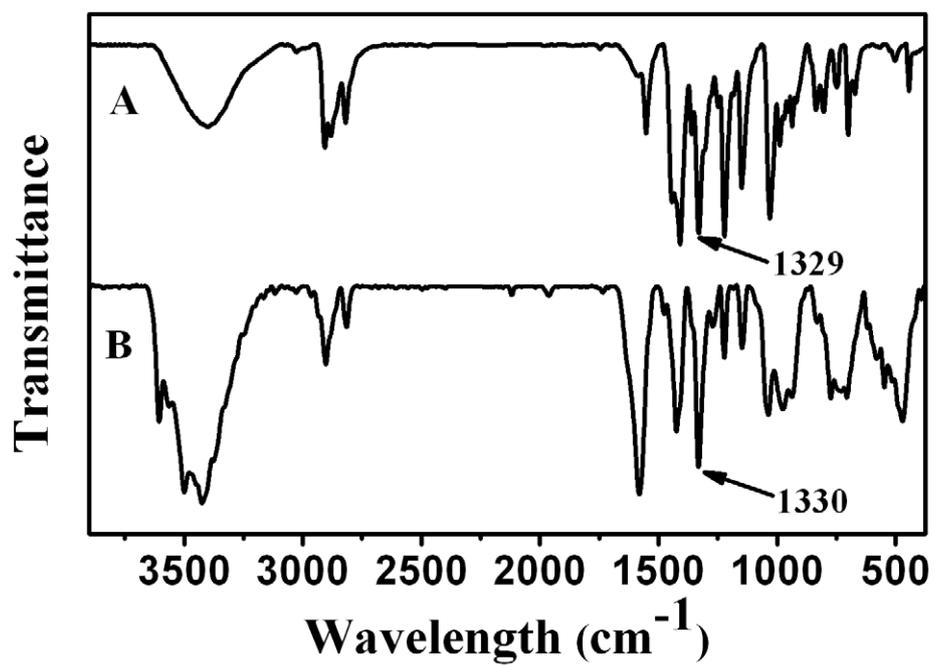


Figure S4. IR spectra of **2** (A) and nanotubes fabricated from **2** (B) in the region of 375-3900 cm⁻¹ with 2 cm⁻¹ resolution.

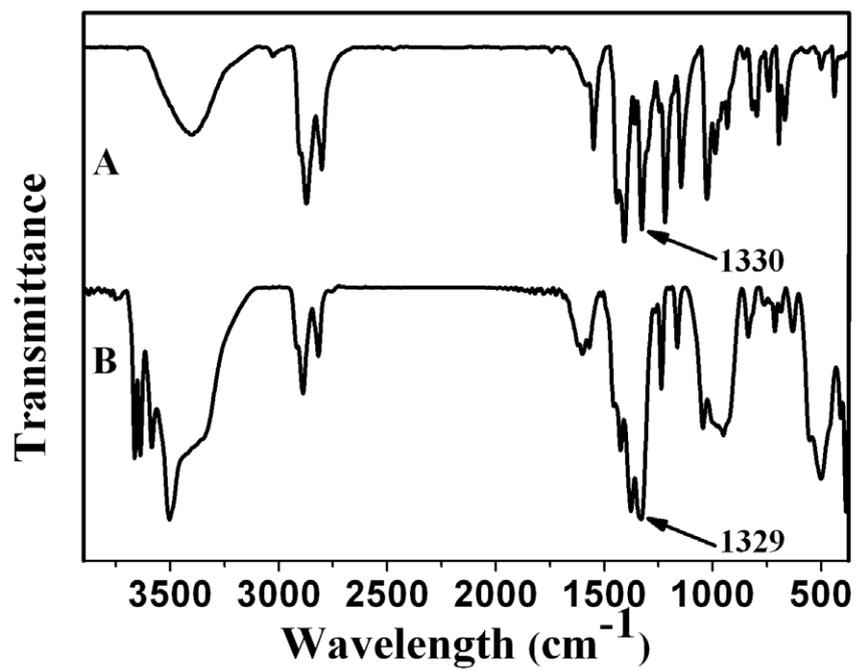


Figure S5. IR spectra of **3** (A) and nanotubes fabricated from **3** (B) in the region of 375-3900 cm⁻¹ with 2 cm⁻¹ resolution.