

**Supporting information for**  
**Study of cytotoxic and photodynamic activities of dyads composed of a zinc phthalocyanine appended to an organotin**

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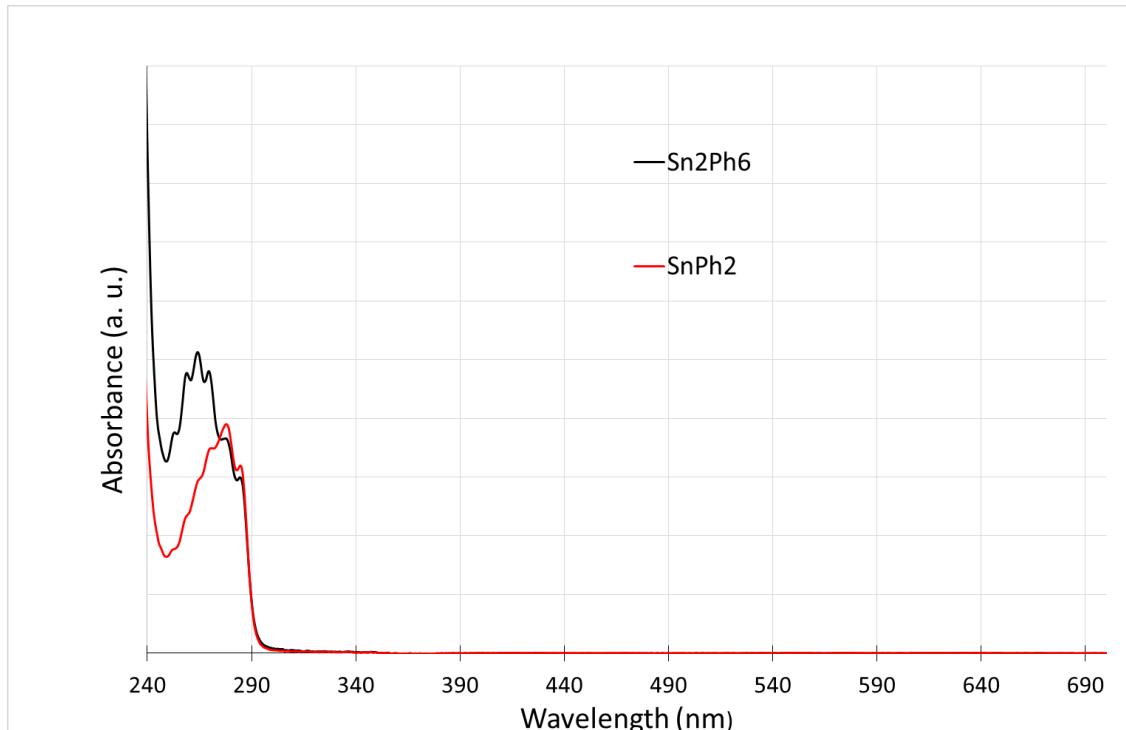
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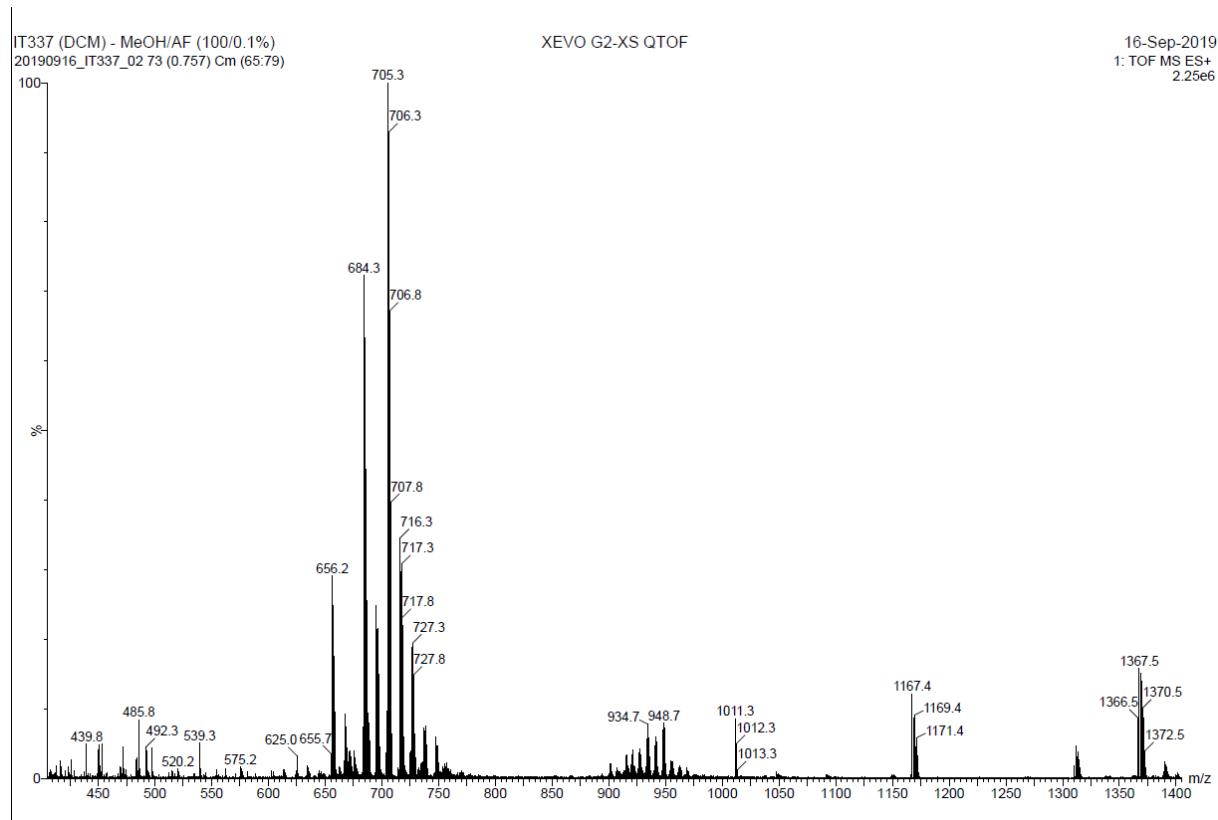
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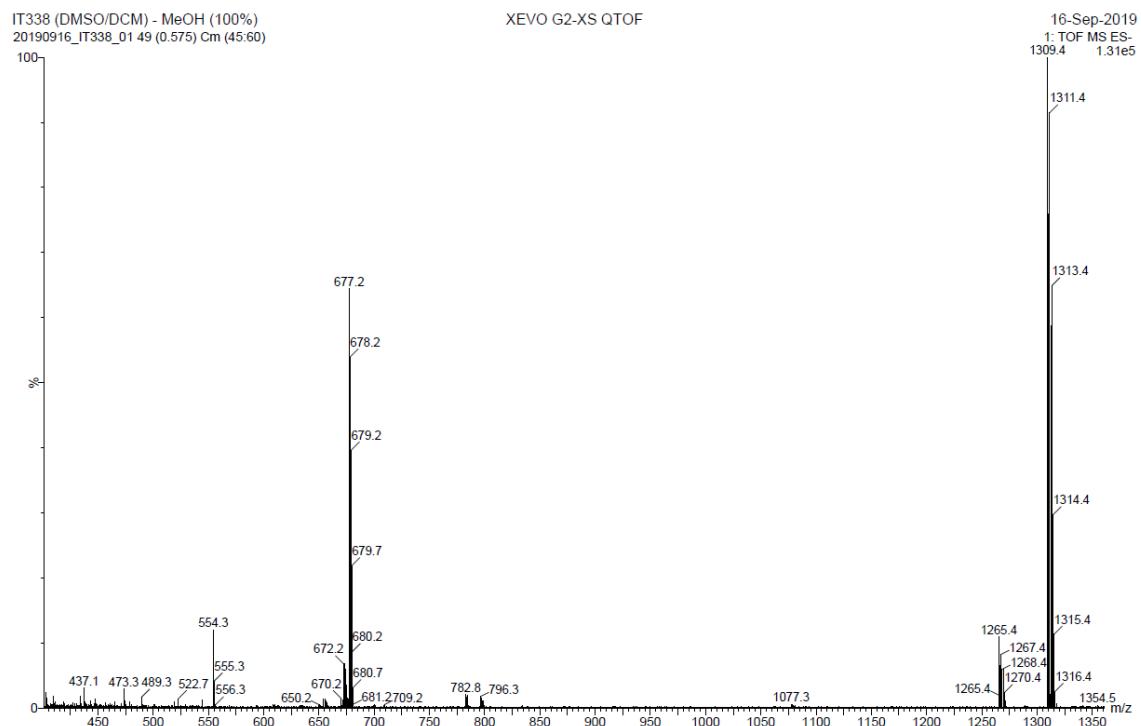
#These authors contributed equally to this study.



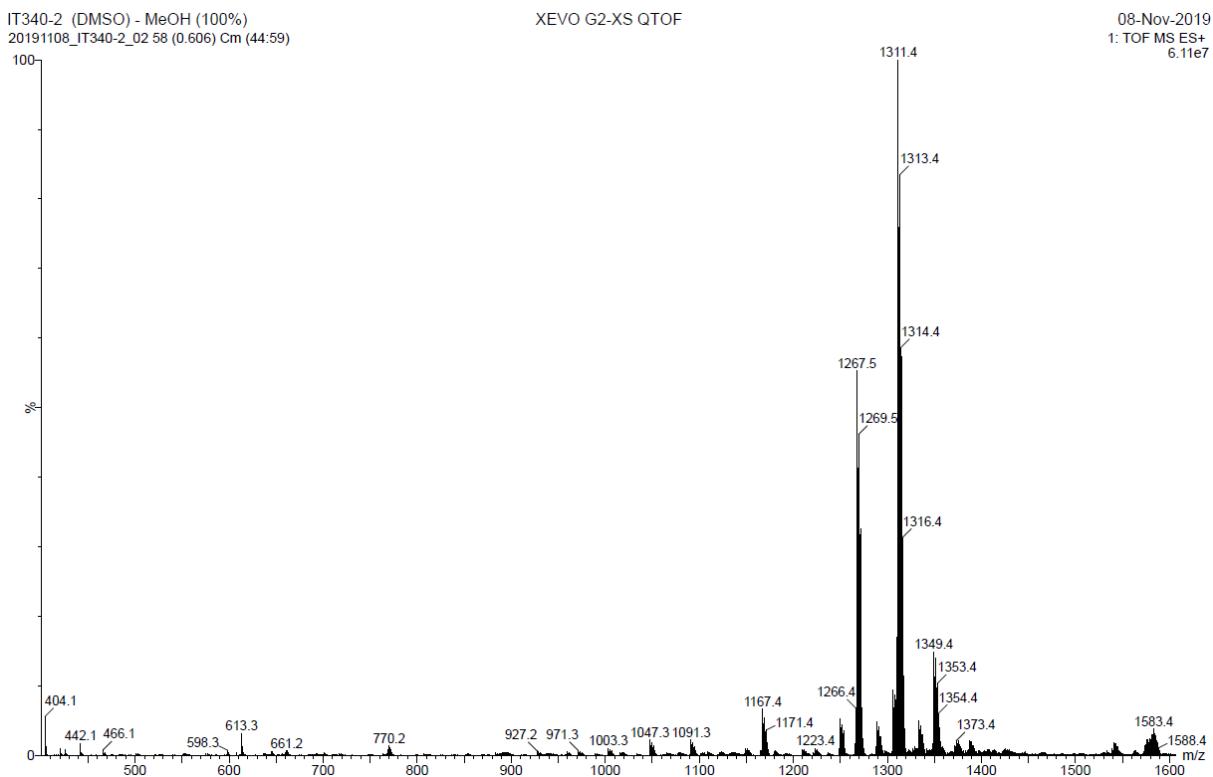
**Figure S1.** Overlay of the UV-Vis. absorption spectra of compounds  $\text{SnPh}_2$  and  $\text{Sn}_2\text{Ph}_6$  recorded in dichloromethane.



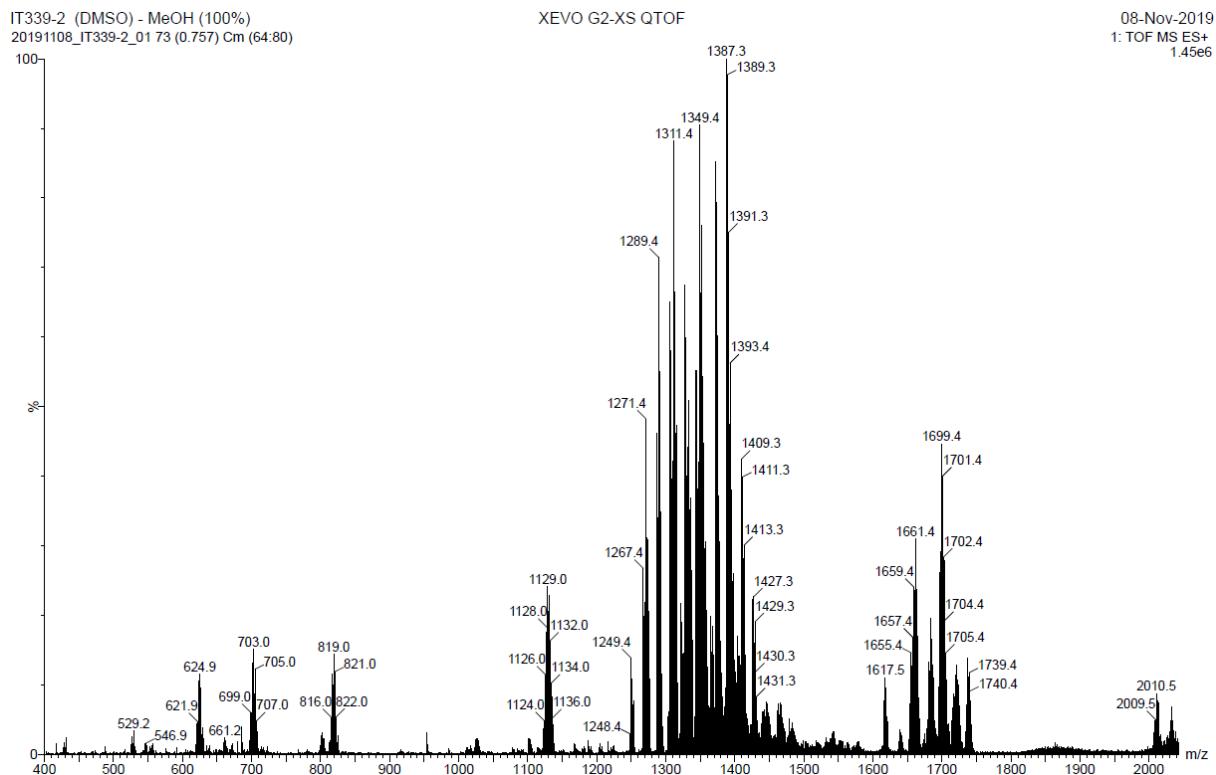
**Figure S2.** Mass spectrum of phthalocyanine **3**.



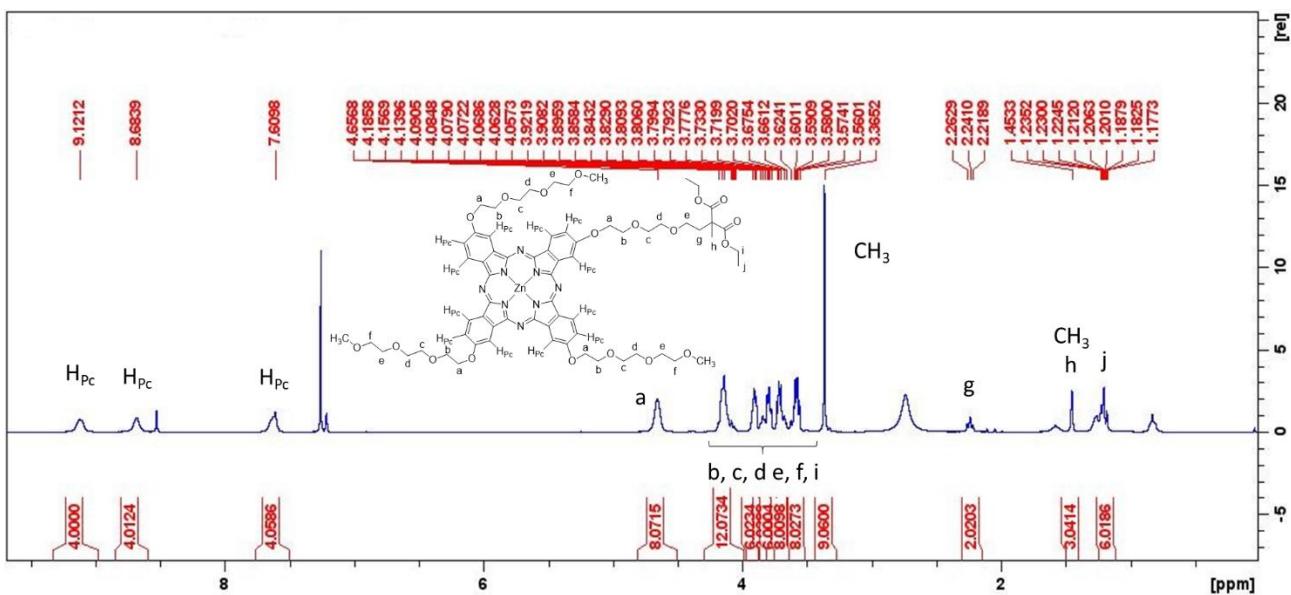
**Figure S3.** Mass spectrum of phthalocyanine **4**.



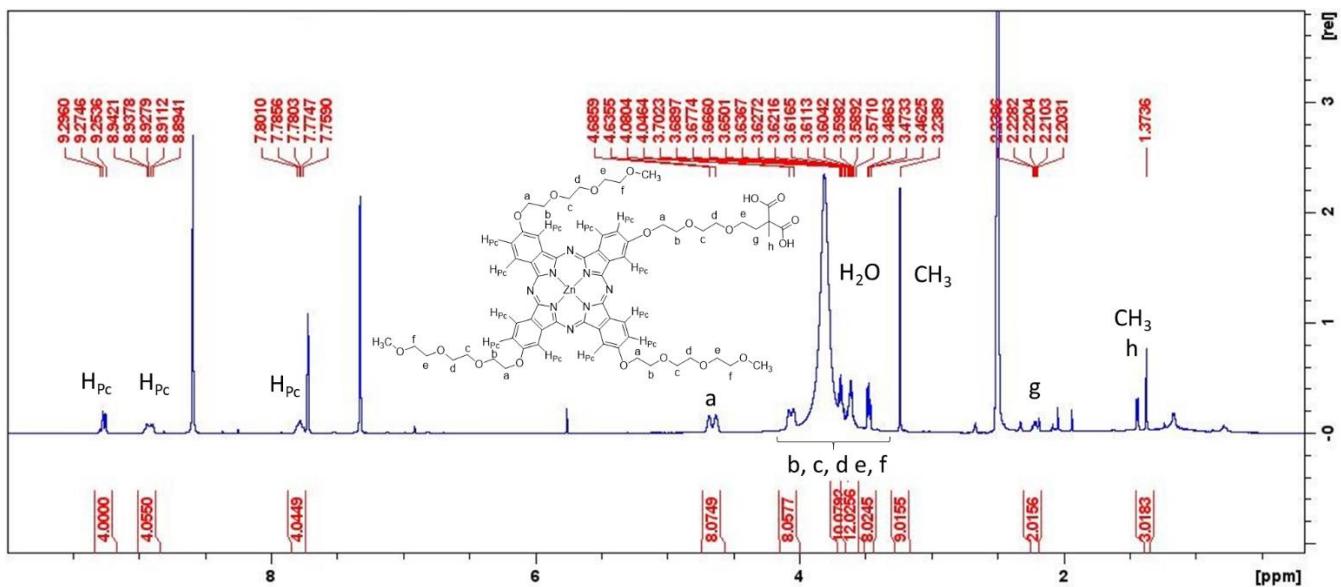
**Figure S4.** Mass spectrum of compound ZnPcSnPh<sub>2</sub>



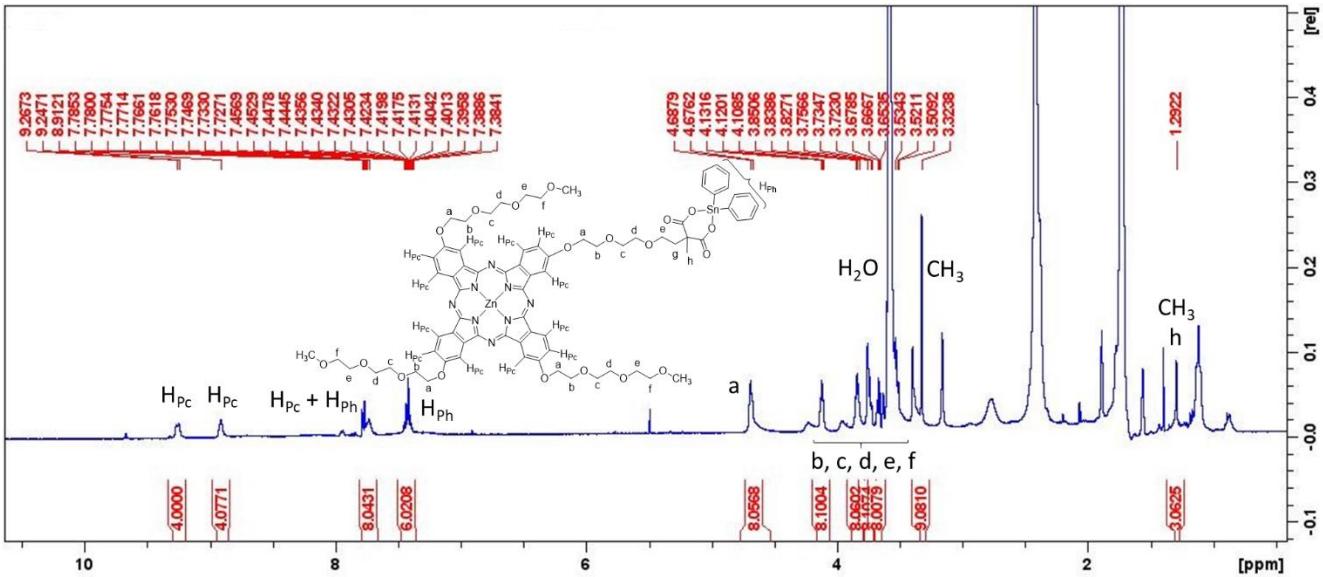
**Figure S5.** Mass spectrum of compound ZnPcSn<sub>2</sub>Ph<sub>6</sub>



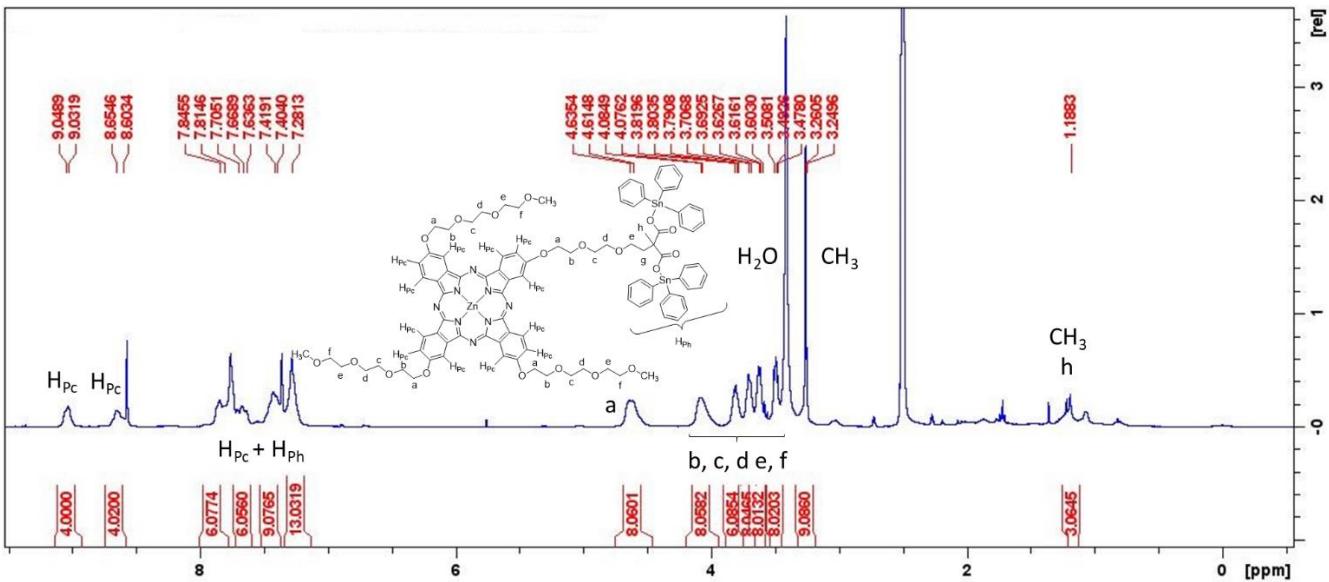
**Figure S6.**  $^1\text{H}$  NMR spectrum of phthalocyanine **3** recorded in  $\text{CDCl}_3$ .



**Figure S7.**  $^1\text{H}$  NMR spectrum of phthalocyanine **4** recorded in  $\text{DMSO-d}_6$  with a trace of pyridine.



**Figure S8.**  $^1\text{H}$  NMR spectrum of compound  $\text{ZnPc-SnPh}_2$  recorded in THF-d<sub>8</sub>.



**Figure S9.**  $^1\text{H}$  NMR spectrum of compound **ZnPc-Sn<sub>2</sub>Ph<sub>6</sub>** recorded in DMSO-d<sub>6</sub> with a trace of pyridine.