Supplementary Materials: A Comparative Study on Two Cationic Porphycenes: Photophysical and Antimicrobial Photoinactivation Evaluation

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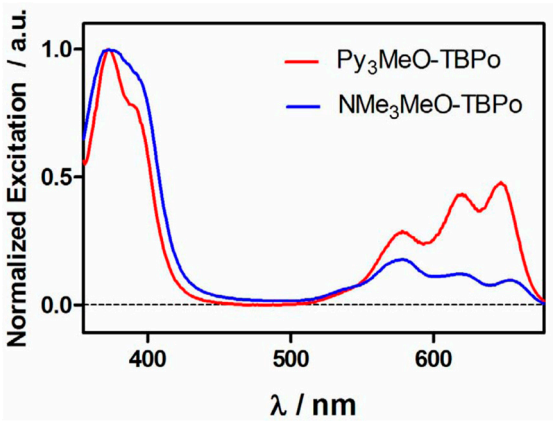


Figure S1. Excitation spectra of the porphycene's fluorescence at 700 nm in water.

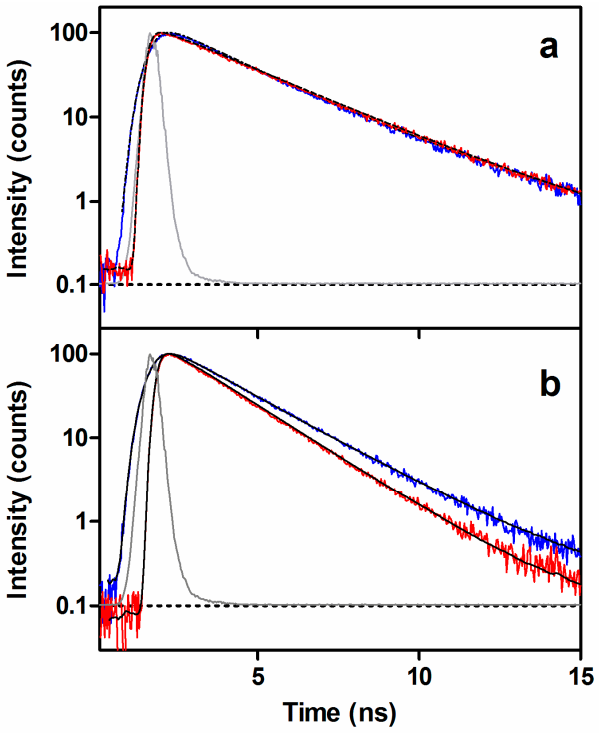
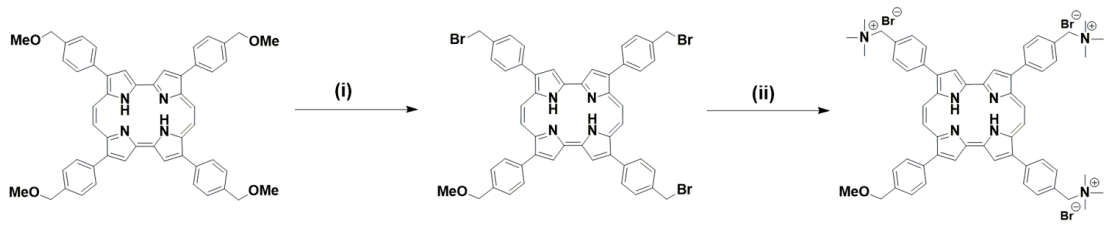


Figure S2. Time-resolved fluorescence decays in MeOH (**a**) and water (**b**) for porphycene **1** (red) and **2** (blue). Signal, fit (black) and instrument's response function (grey) at 700 nm upon excitation at 375 nm.

Table S1. Flow cytometry fluorescence distribution upon binding experiments.

Compound	Fluorescence Intensity/Counts		
	PS Removal (Washing)	MRSA	*P. aeruginosa*
Py3MeO-TBPo	NO	2600 ± 900	4200 ± 1000
	YES	2100 ± 400	4300 ± 2000
NMe3MeO-TBPo	NO	2600 ± 700	2600 ± 900
	YES	2000 ± 900	2600 ± 700



Scheme S1. Synthetic route to compound **2**. (i) HBr; (ii) NMe_3.

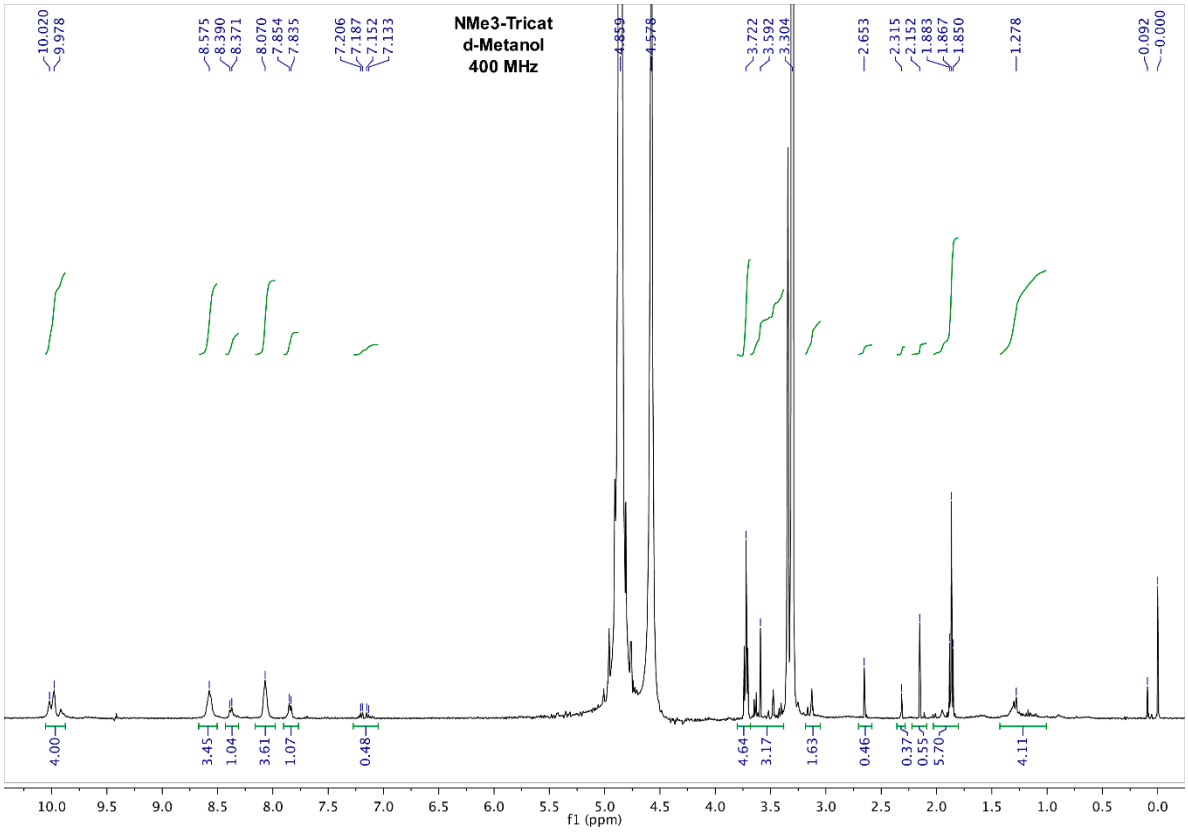


Figure S3. ^{1}H-NMR of porphycene **2** in deuterated methanol.