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Supplementary Information for

Decoration of Porphyrin with Tetraphenylethene: Converting Fluorophore with Aggregation-Caused Quenching to Aggregation-Induced Emission Enhancement

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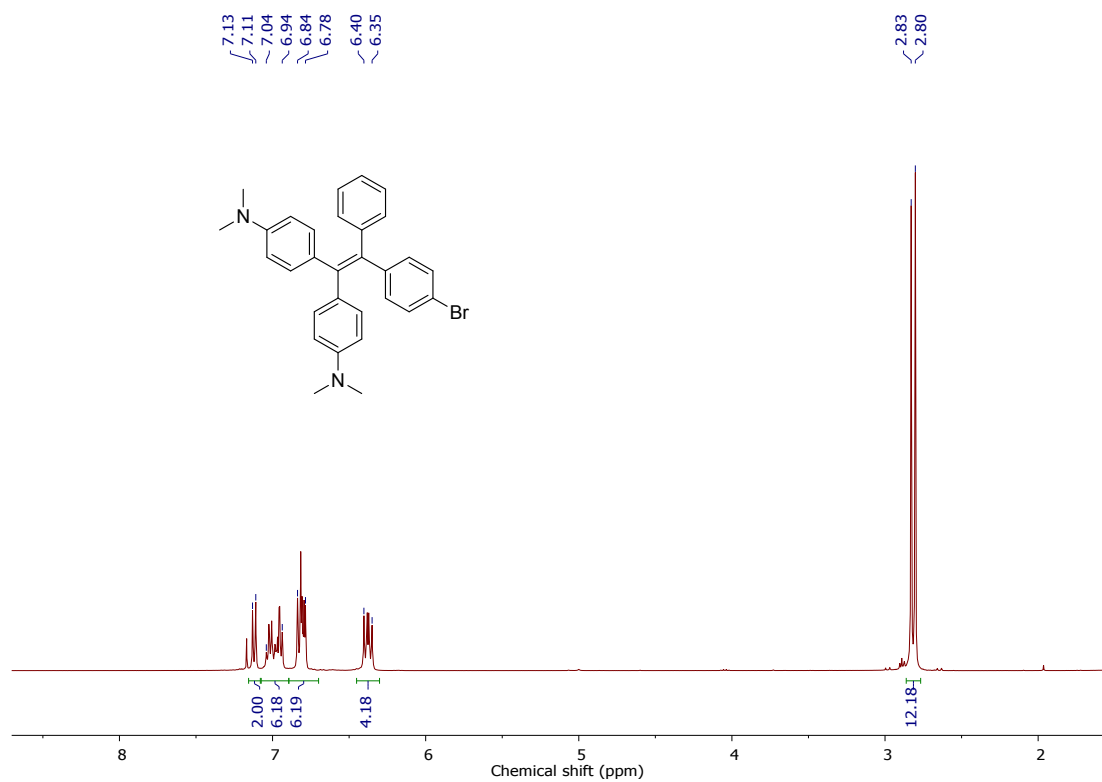


Figure S 1 ¹H NMR spectrum of compound **1** in CDCl₃

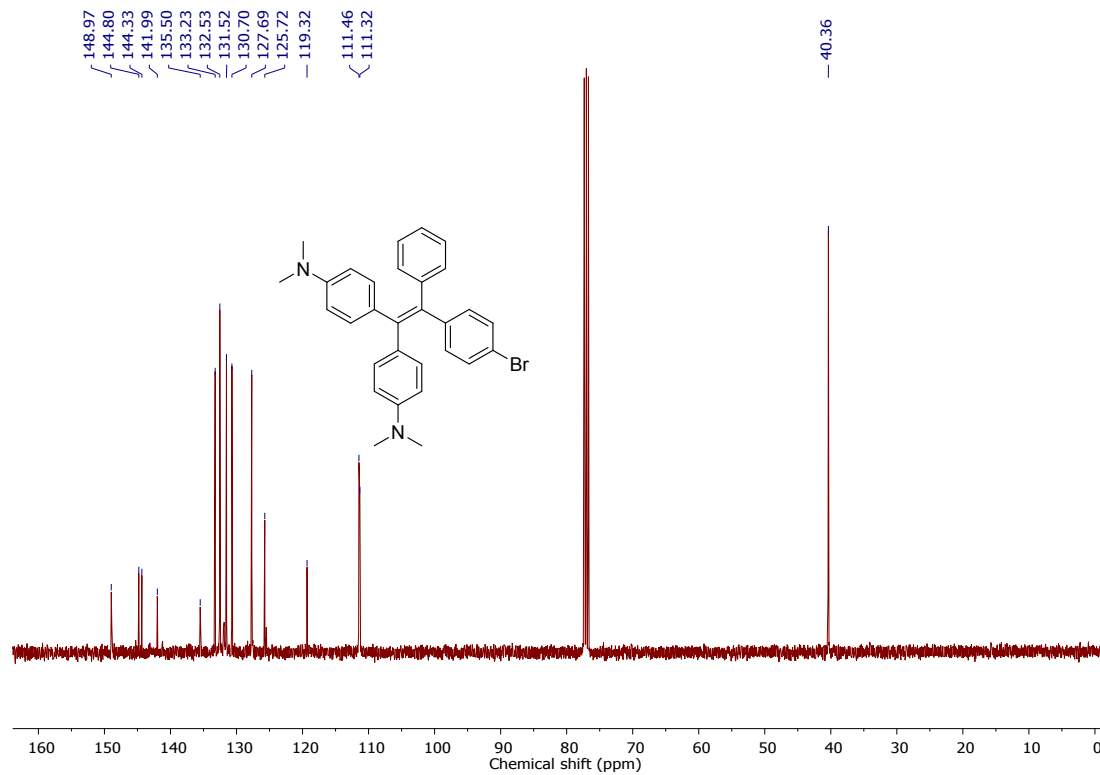


Figure S 2 ¹³C NMR spectrum of compound **1** in CDCl₃

Meas. m/z	#	Formula	m/z	err [ppm]	rdb	e ⁻ Conf	N-Rule
497.1588	1	C ₃₀ H ₃₀ BrN ₂	497.1587	-0.3	16.5	even	ok

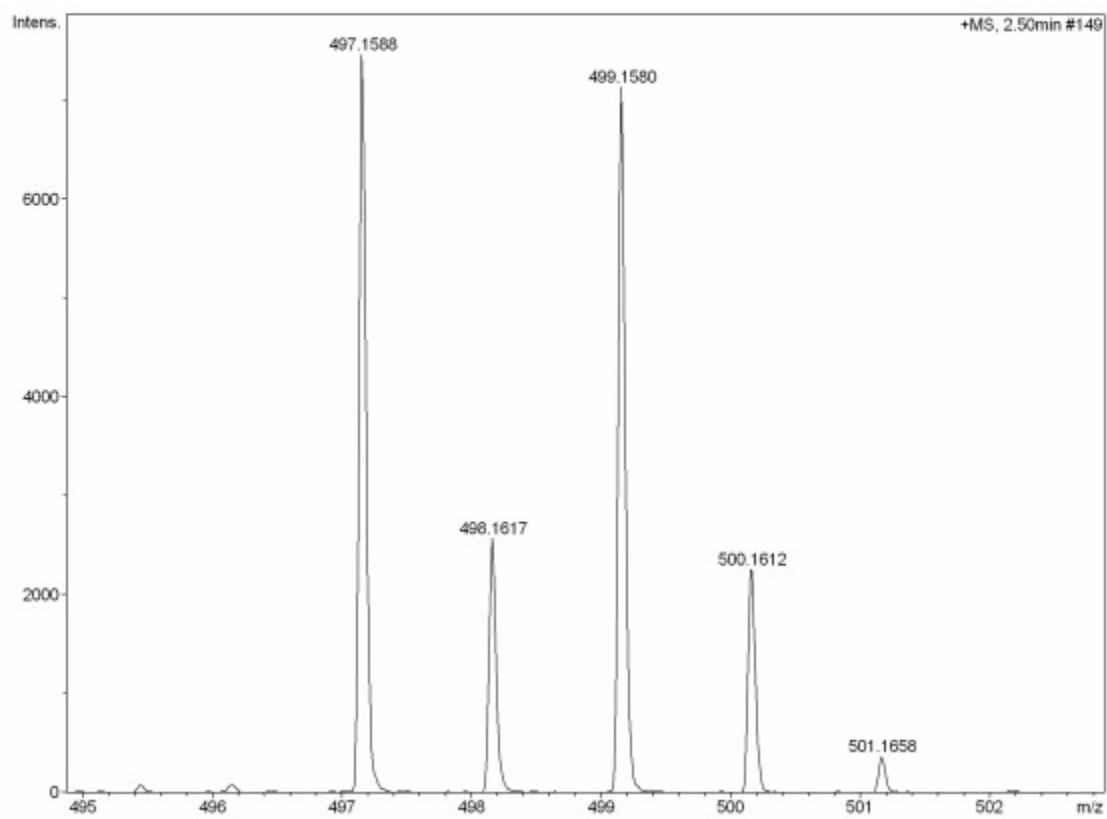


Figure S 3 HR Mass spectrum of compound **1**

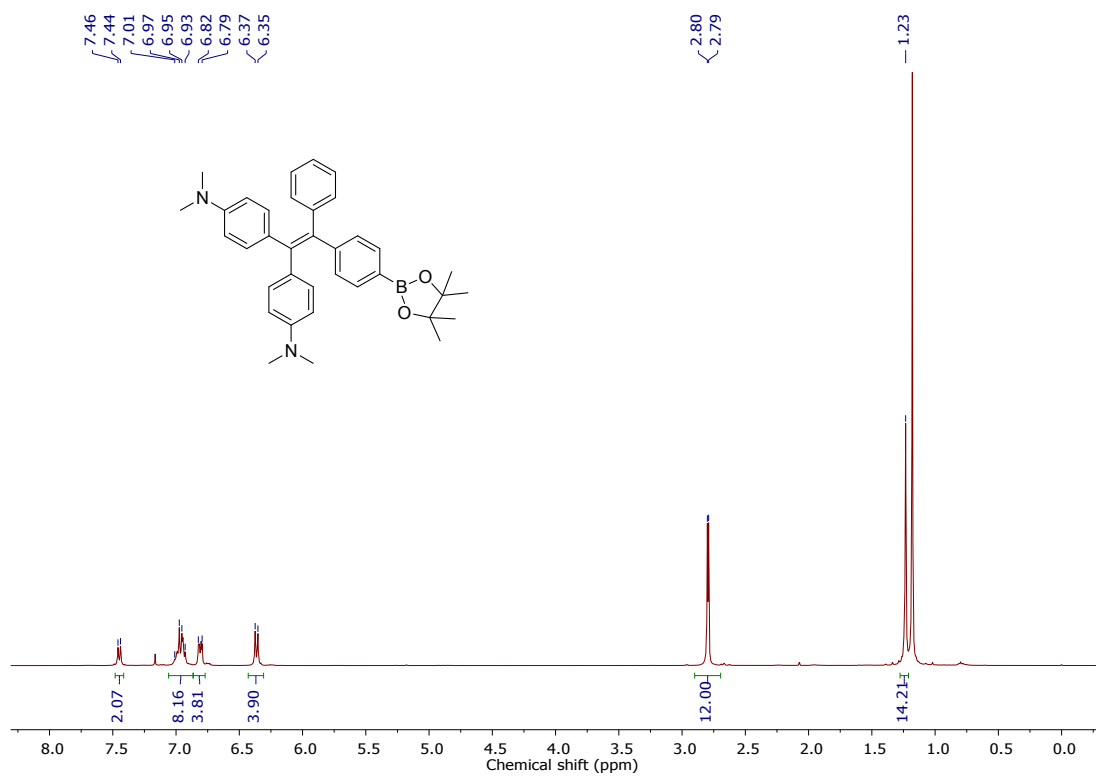


Figure S 4 ¹H NMR spectrum of compound A in CDCl₃

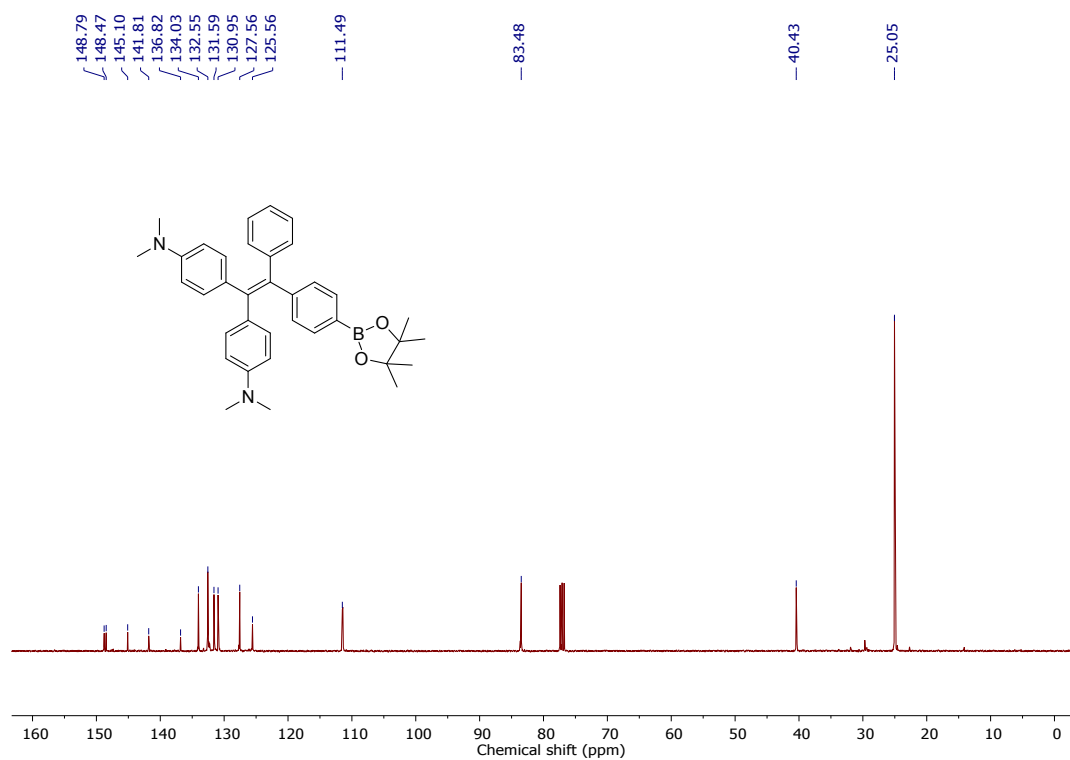


Figure S 5 ¹³C NMR spectrum of compound A in CDCl₃

Meas. m/z	#	Formula	m/z	err [ppm]	rdp	e ⁻ Conf	N-Rule
545.3339	1	C ₃₆ H ₄₂ BN ₂ O ₂	545.3340	0.2	17.5	even	ok

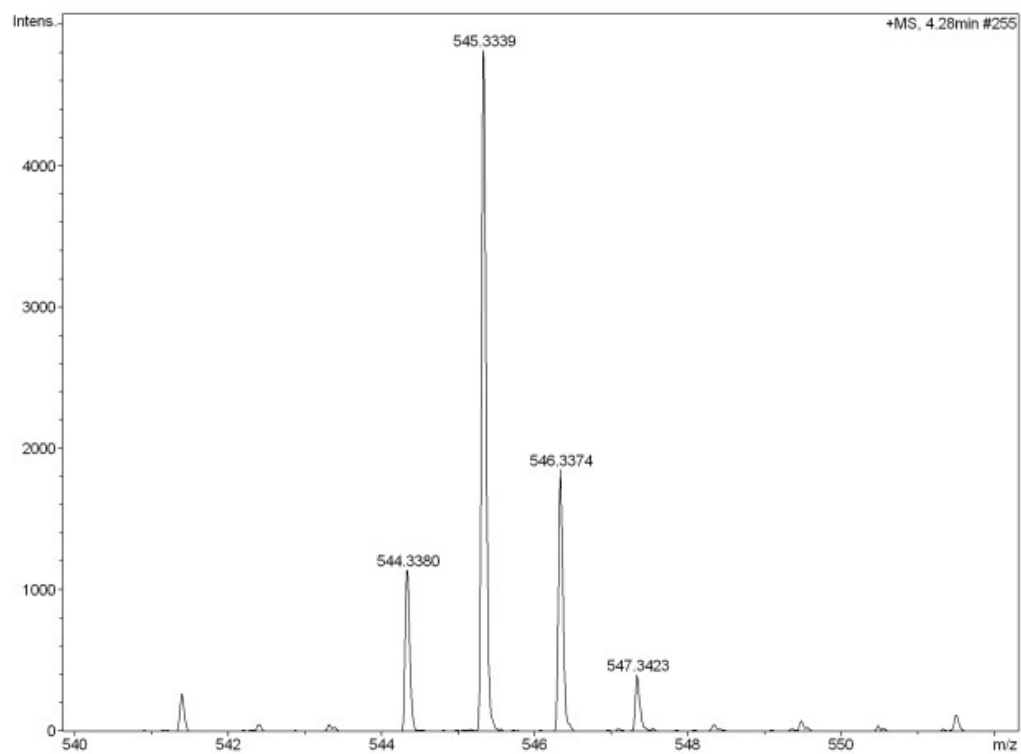


Figure S 6 HR Mass spectrum of compound **A**

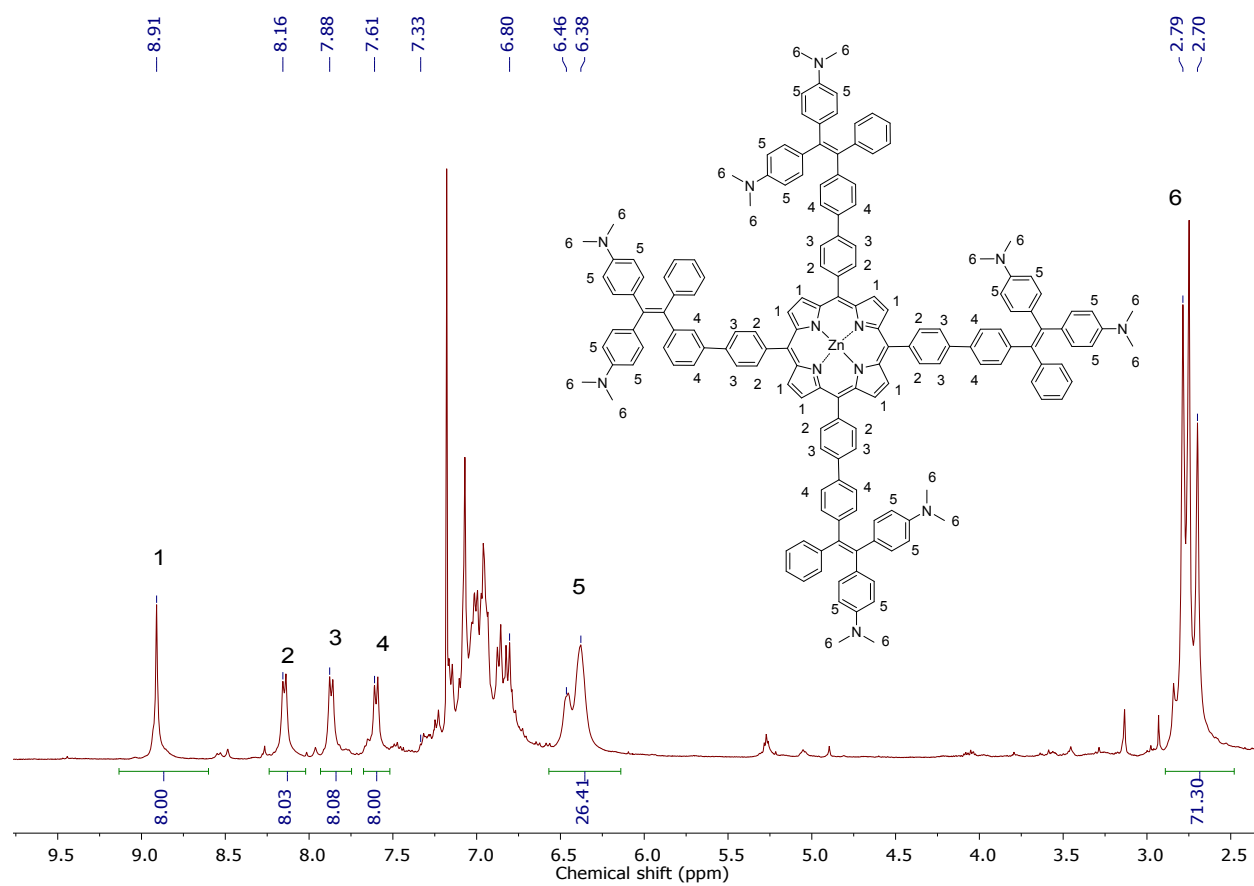


Figure S 7 ¹H NMR spectrum of compound PorTPE in CDCl₃

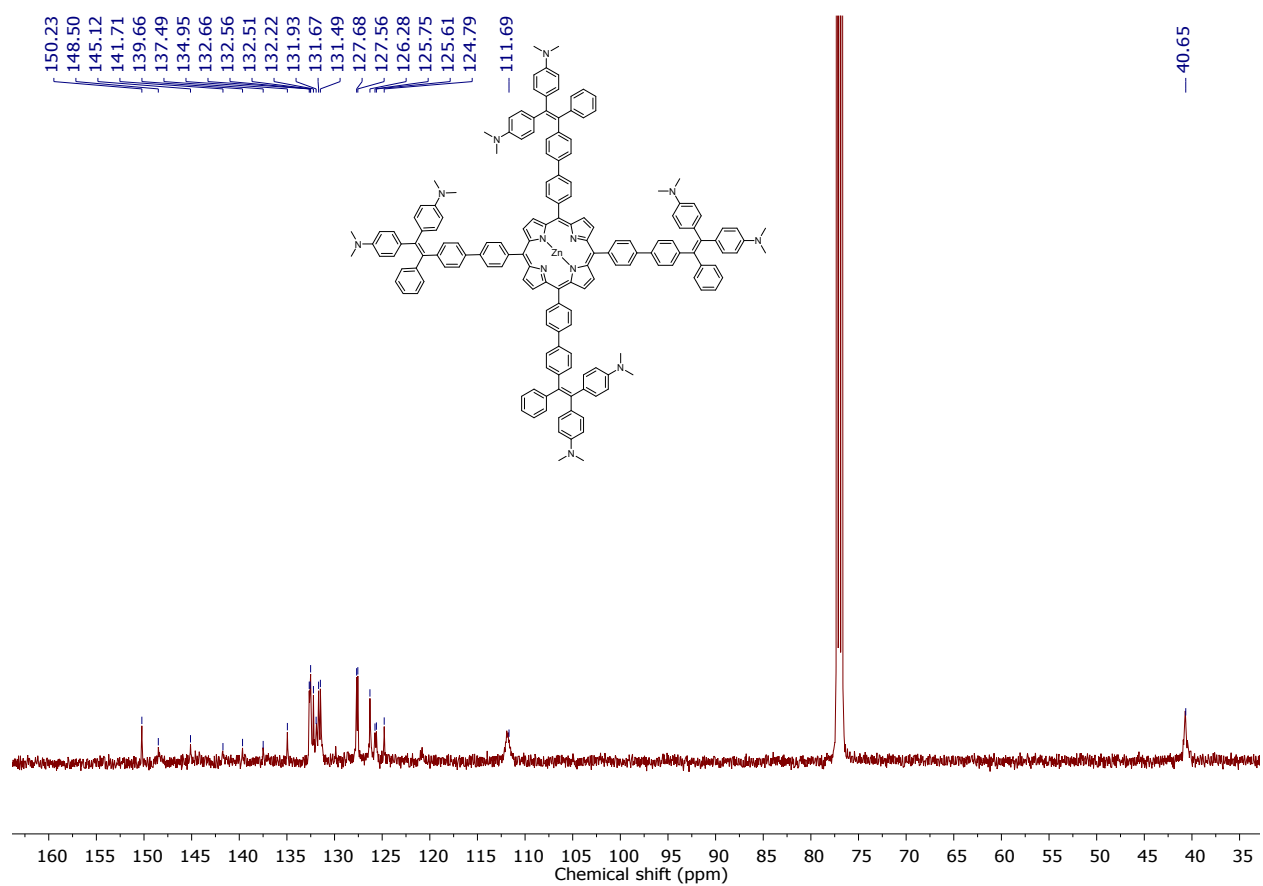


Figure S 8 ^{13}C NMR spectrum of PorTPE in CDCl_3

Meas. m/z	#	Formula	m/z	err [ppm]	rdB	e ⁻ Conf	N-Rule
2342.0701	1	C 164 H 141 N 12 Zn	2342.0688	-0.6	100.5	even	ok

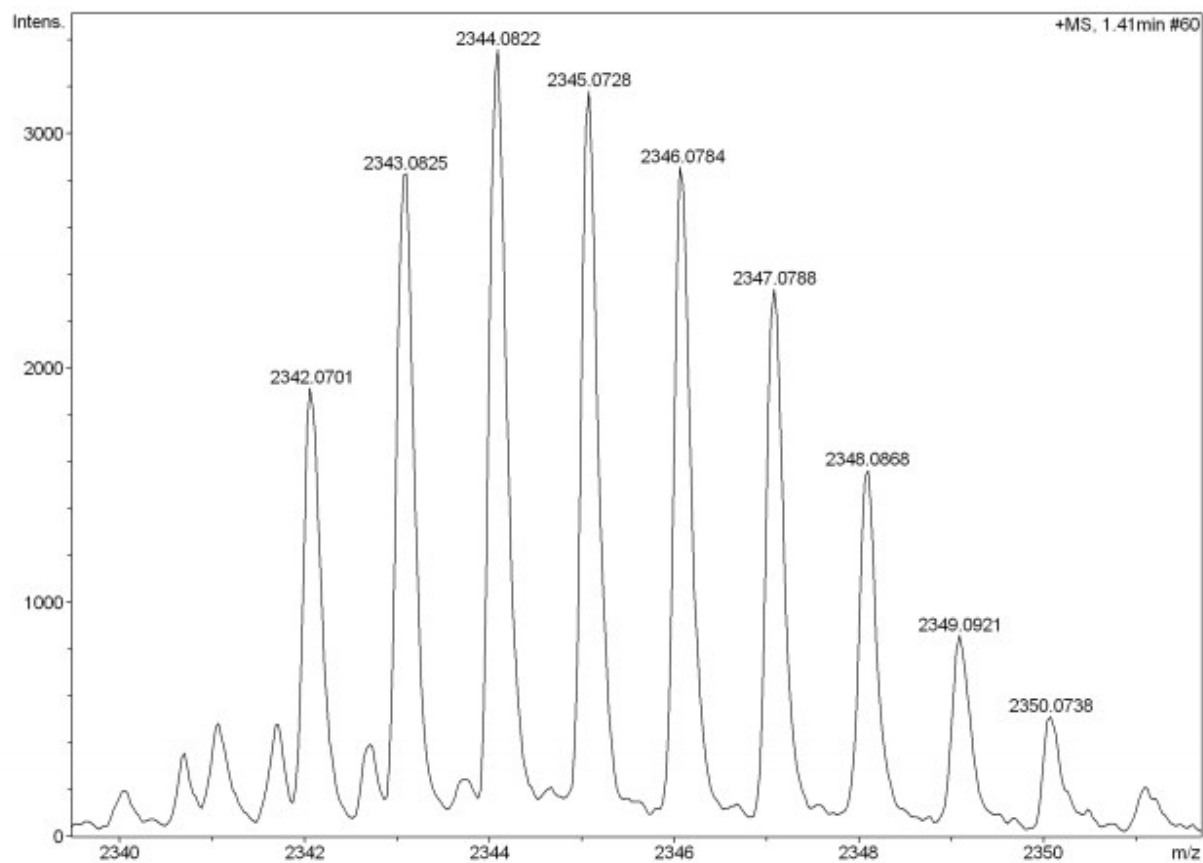


Figure S 9 HR Mass spectrum of PorTPE

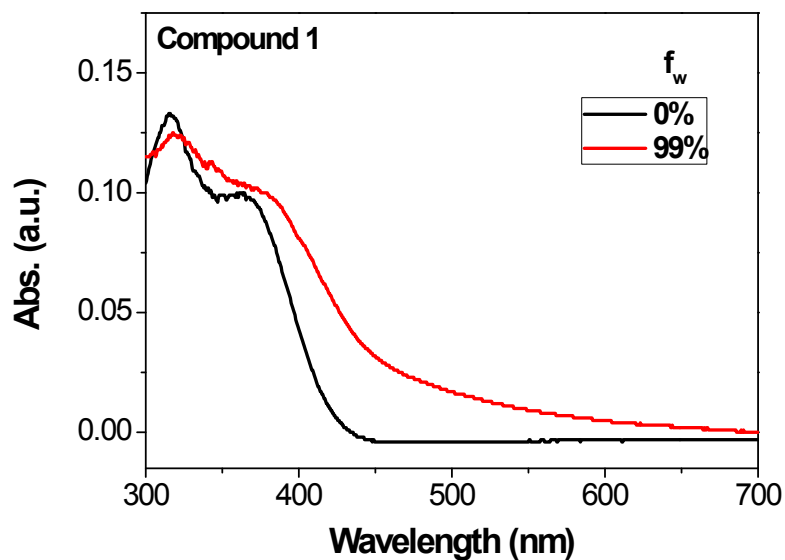


Figure S 10 UV-vis absorption of compound **1** in THF/water mixture at $f_w = 0\%$ and 99% . [Compound **1**] = $10\ \mu\text{M}$.

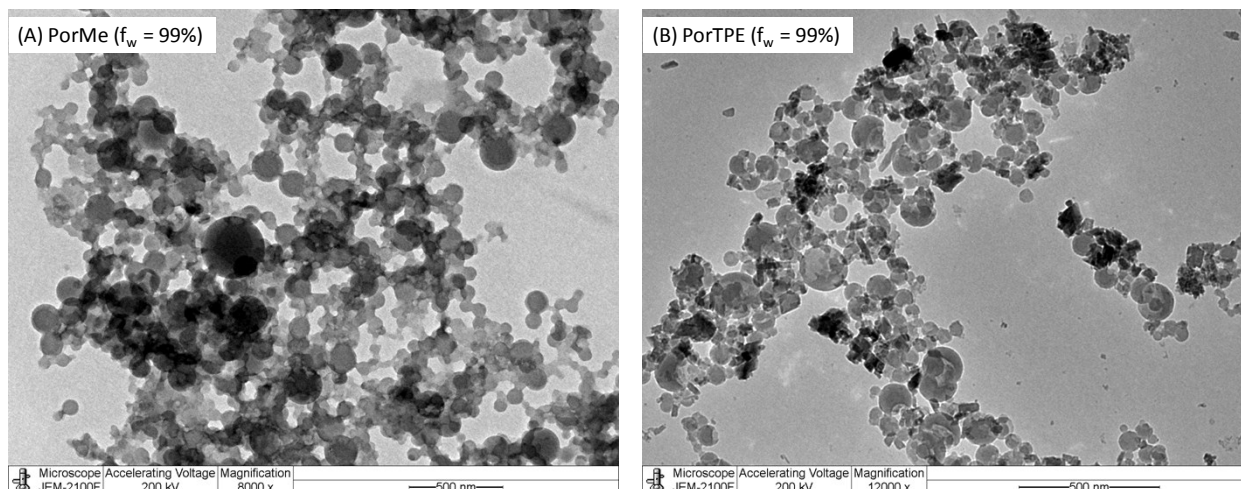


Figure S 11 Transmission electron micrograph of PorMe (A) and PorTPE (B) in THF/ water mixture ($f_w = 99\%$). [PorMe] = [PorTPE] = $10\ \mu\text{M}$.

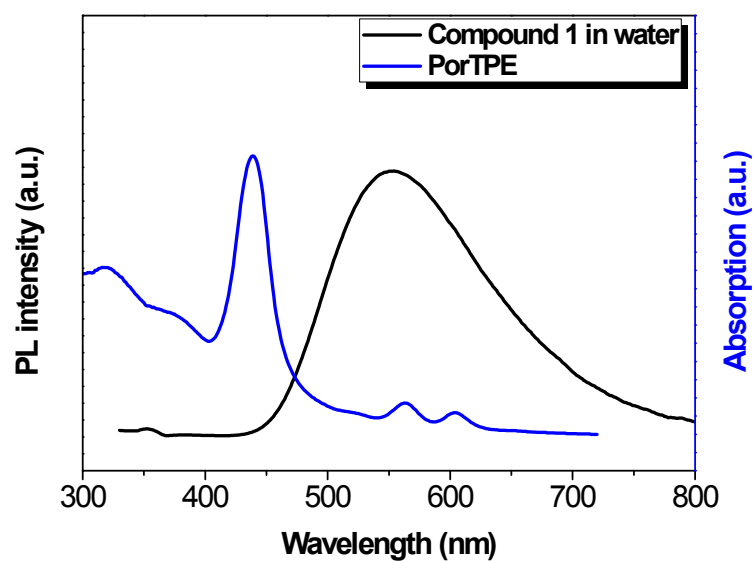


Figure S 12 UV-vis absorption of PorTPE in THF/water mixture ($f_w = 99\%$) and PL intensity of compound **1** (Excitation at 315 nm) in THF/water mixture ($f_w = 99\%$).

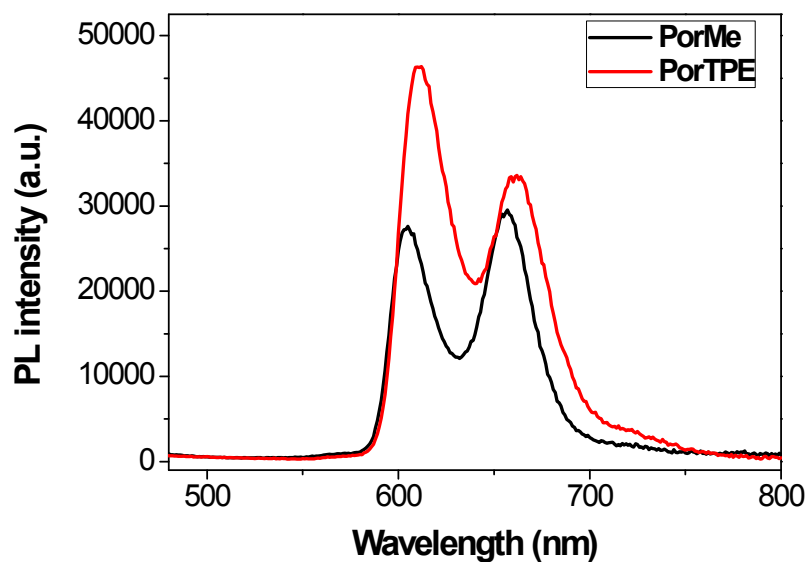


Figure S 13 PL spectra (excitation at 315 nm) of PorMe and PorTPE in THF. $[\text{PorMe}] = [\text{PorTPE}] = 10 \mu\text{M}$.