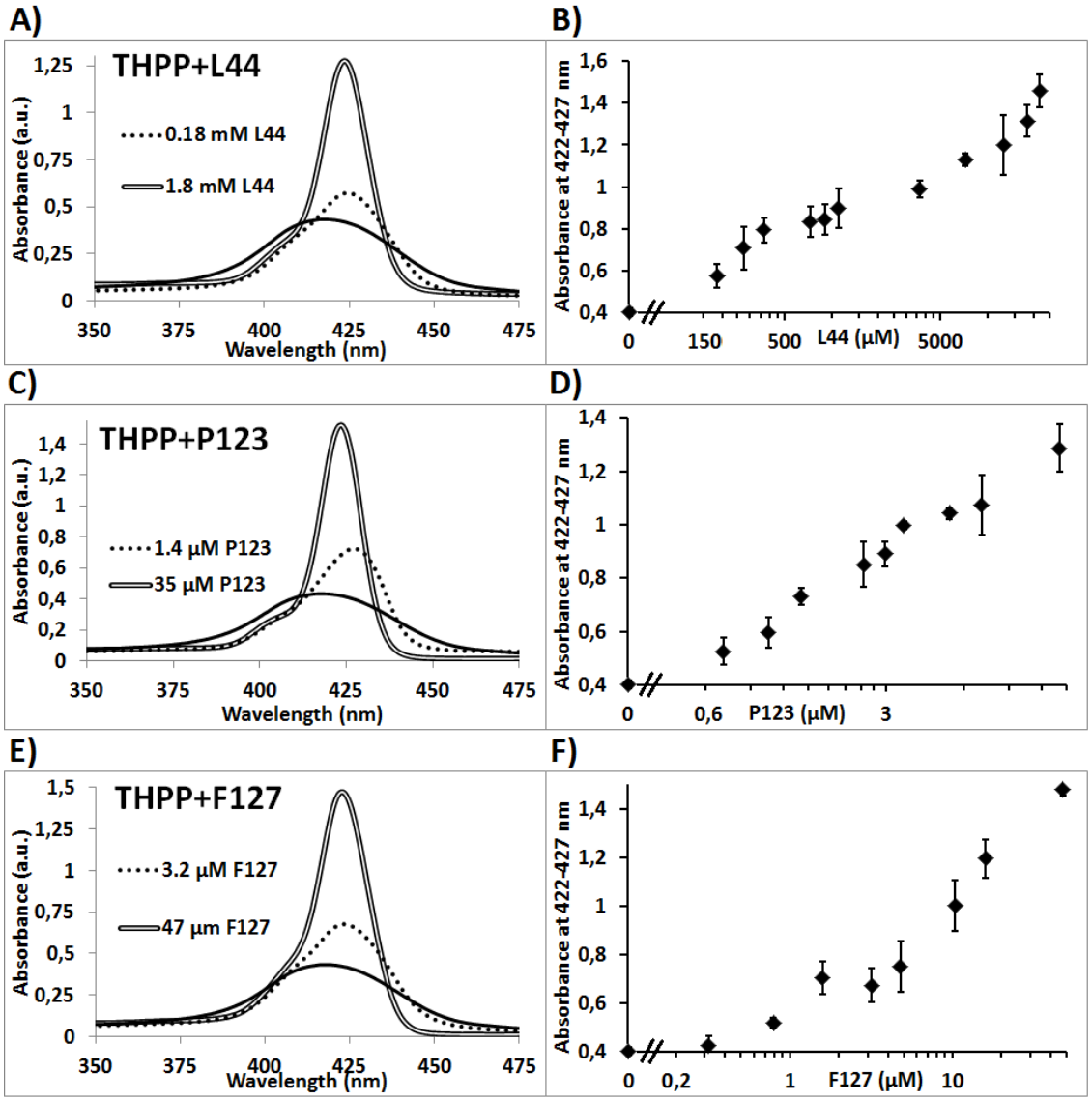
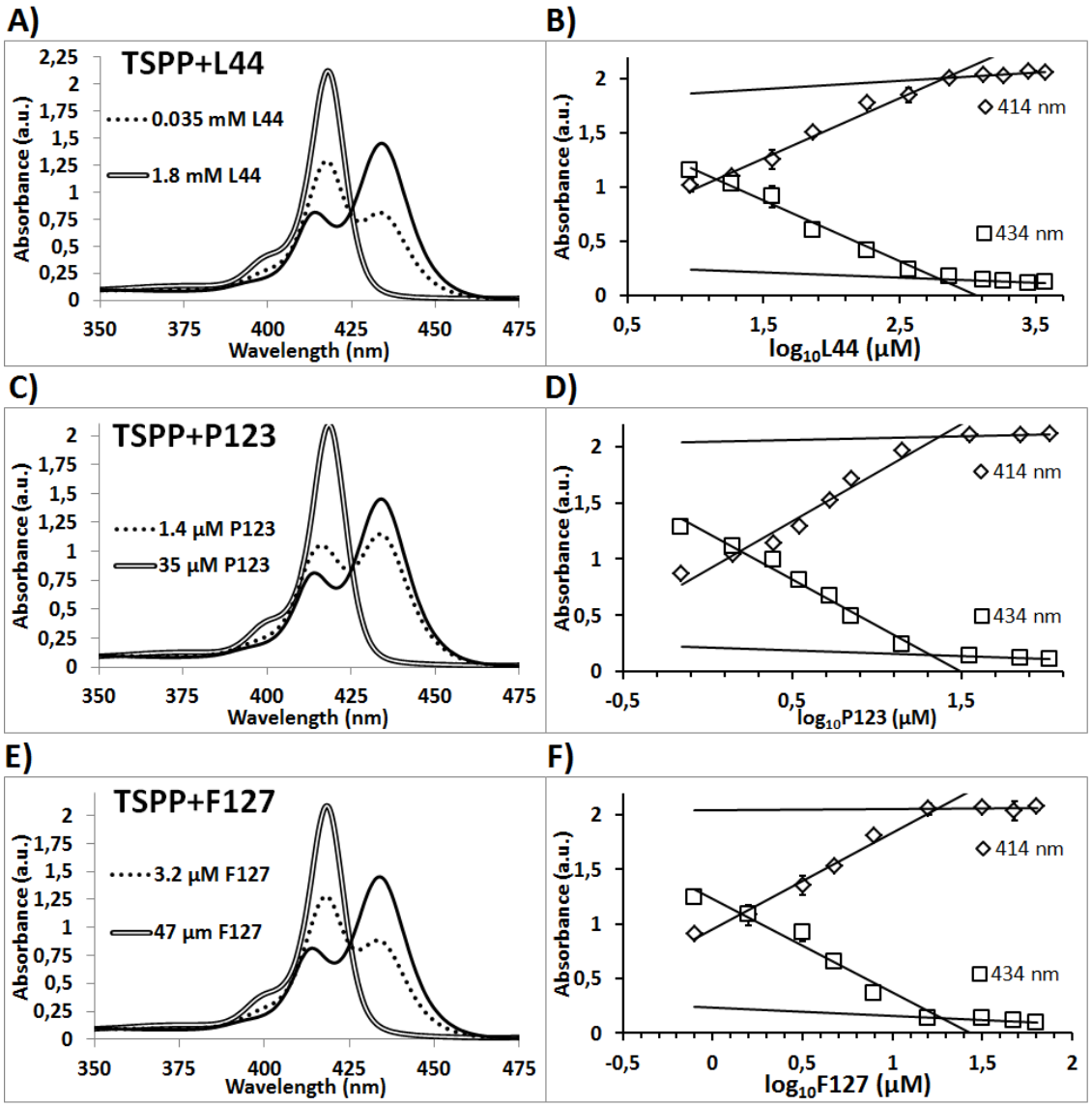
Supplementary

Compound	Absorption maximum (nm)				
TAPP	Soret band ± SD	Q-bands ± SD			
Plain	412 ± 0	515 ± 0	550 ± 0	579	633 ± 1
20 μM F68 (<cmc)	413 ± 0	515 ± 0	550 ± 0	579 ± 1	634 ± 1
240 μM F68 (>cmc)	414 ± 0	513 ± 0	547 ± 0	584 ± 0	640 ± 0
32 μM F127 (<cmc)	413 ± 0	514 ± 0	550 ± 0	580 ± 1	635 ± 0
476 μM F127 (>cmc)	415 ± 0	513 ± 0	547 ± 0	584 ± 0	641 ± 1
91 μM P123 (<cmc)	413 ± 0	514 ± 0	550 ± 0	581 ± 0	635 ± 0
913 μM P123 (>cmc)	413 ± 0	514 ± 0	548 ± 0	583 ± 0	640 ± 0
0.18 mM L44 (<cmc)	412 ± 0	515 ± 0	550 ± 0	579 ± 0	635 ± 0
1.8 mM L44 (>cmc)	414 ± 0	513 ± 0	548 ± 1	584 ± 0	640 ± 0
THPP	Soret band ± SD	Q-bands ± SD			
Plain	419 ± 2	530 ± 1		575 ± 0	660 ± 1
20 μM F68 (<cmc)	422 ± 0	523 ± 0	562 ± 1	593 ± 0	657 ± 0
240 μM F68 (>cmc)	423 ± 0	522 ± 0	560 ± 0	596 ± 0	655 ± 0
3.2 μM F127 (<cmc)	423 ± 0	522 ± 1	560 ± 1	595 ± 0	655 ± 1
47 μM F127 (>cmc)	423 ± 0	520 ± 0	558 ± 0	597 ± 0	655 ± 0
1.4 μM P123 (<cmc)	427 ± 1	521 ± 1	559 ± 1	597 ± 0	655 ± 0
35 μM P123 (>cmc)	424 ± 0	519 ± 0	558 ± 0	596 ± 0	654 ± 0
0.18 mM L44 (<cmc)	424 ± 0	523 ± 1	561 ± 0	596 ± 0	655 ± 0
1.8 mM L44 (>cmc)	424 ± 0	520 ± 0	558 ± 0	596 ± 0	654 ± 1
TSPP	Soret band ± SD	Q-bands ± SD			
Plain	414 ± 0/434 ± 0	517 ± 1	554 ± 0	596 ± 0	645 ± 0
20 μM F68 (<cmc)	418 ± 0/434 ± 0	514 ± 0	549 ± 0	592 ± 0	644 ± 0
240 μM F68 (>cmc)	418 ± 0	514 ± 0	549 ± 0	589 ± 0	644 ± 0
3.2 μM F127 (<cmc)	418 ± 0/434 ± 0	514 ± 0	549 ± 1	591 ± 0	645 ± 0
47 μM F127 (>cmc)	419 ± 0	514 ± 0	549 ± 0	589 ± 0	644 ± 0
1.4 mM P123 (<cmc)	416 ± 0/434 ± 0	515 ± 0	551 ± 0	593 ± 0	645 ± 0
14 μM P123 (>cmc)	419 ± 0	514 ± 0	549 ± 0	589 ± 1	645 ± 0
0.035 mM L44 (<cmc)	418 ± 0/434 ± 0	514 ± 0	549 ± 0	590 ± 1	644 ± 0
1.8 mM L44 (>cmc)	418 ± 0	514 ± 0	549 ± 0	588 ± 0	644 ± 0
TCPP	Soret band ± SD	Q-bands ± SD			
Plain	416 ± 0/437 ± 0	522 ± 0	556 ± 1	594 ± 1	649 ± 1
20 μM F68 (<cmc)	420 ± 0/439 ± 4	519 ± 1	554 ± 1	592 ± 1	648 ± 0
240 μM F68 (>cmc)	420 ± 0	518 ± 0	552 ± 0	592 ± 0	647 ± 0
4 μM F127 (<cmc)	406 ± 0/421 ± 0/437 ± 0	520 ± 0	553 ± 0	592 ± 1	648 ± 0
60 μM F127 (>cmc)	420 ± 0/435 ± 1	518 ± 0	552 ± 0	592 ± 0	648 ± 1
1.4 μM P123 (<cmc)	406 ± 0/436 ± 0/443 ± 0	520 ± 0	553 ± 0	592 ± 0	648 ± 0
14 μM P123 (>cmc)	420 ± 0/444 ± 0	516 ± 0	551 ± 1	592 ± 0	647 ± 0
0.18 mM L44 (<cmc)	420 ± 0/436 ± 0	520 ± 0	554 ± 0	592 ± 0	649 ± 0
1.8 mM L44 (>cmc)	420 ± 0	516 ± 0	552 ± 0	591 ± 0	647 ± 0

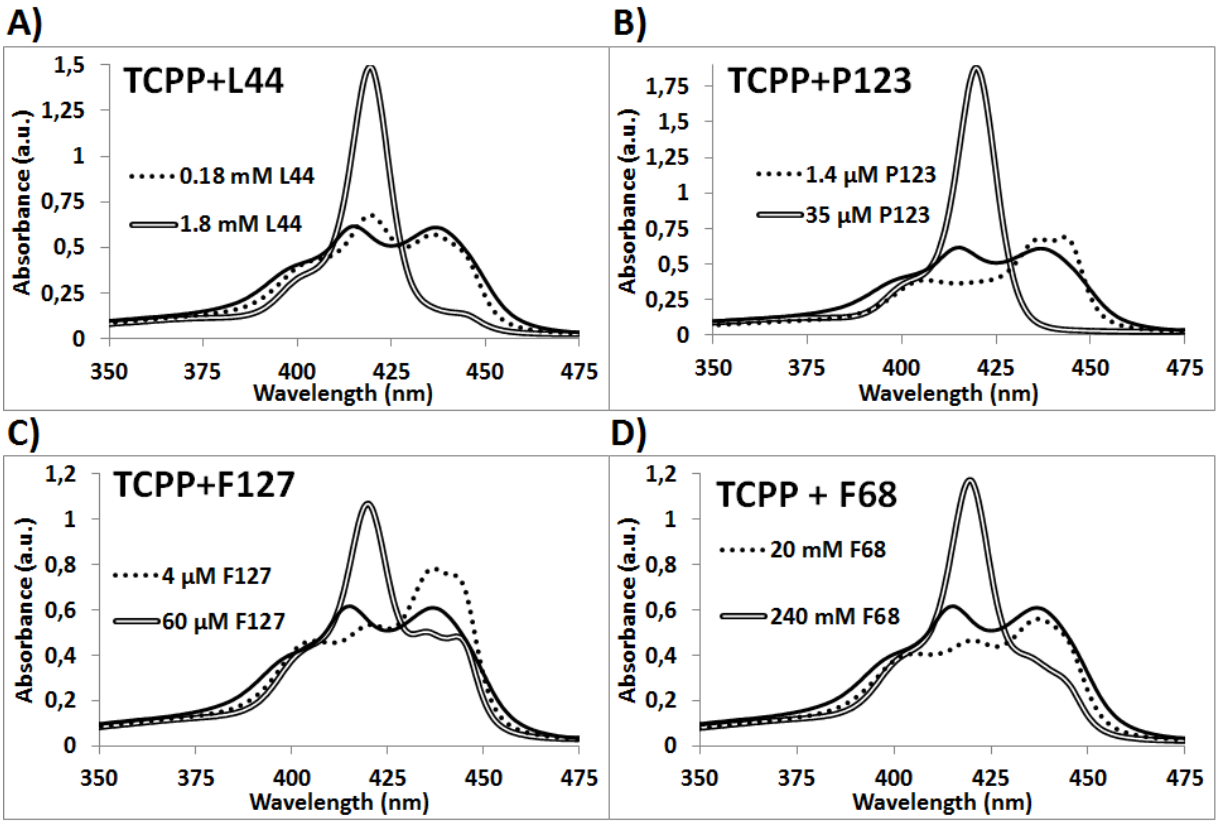
Table S1. Absorption maxima (±SD, n ≥ 3) of THPP; TAPP; TSPP; and TCCP in presence and absence of Pluronics at the concentration above and below their estimated cmc.



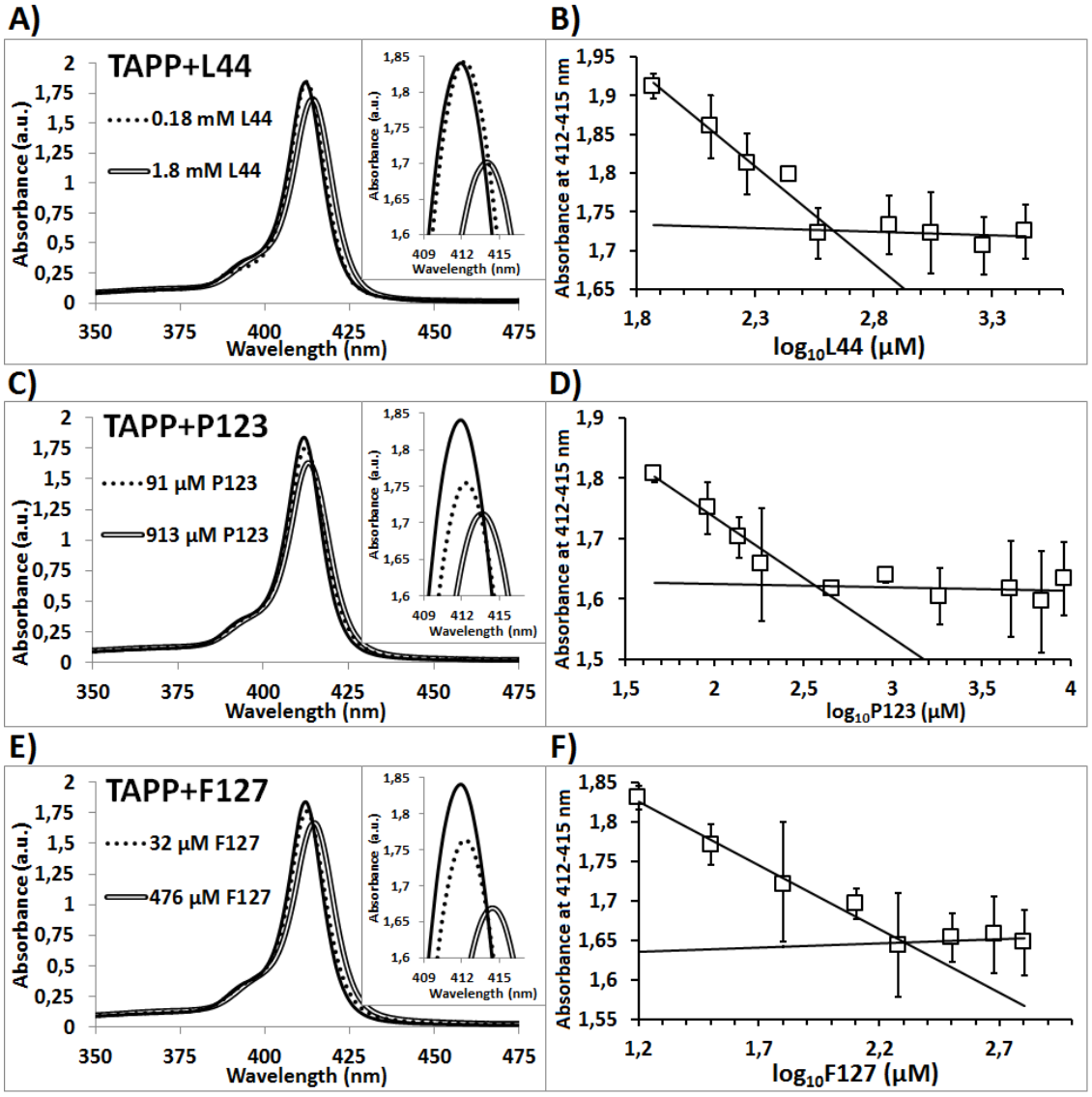
Suppl Fig. 1 UV-Visible absorption spectra (Soret band) of 5 µM THPP in plain aqueous solution (—), and in presence of Pluronics L44 (A), P123 (C) and F127 (E) < cmc (•••) and > cmc (==). Absorbance at selected wavelengths as a function of Pluronic L44 (B), P123 (D) or F127 (F) content in 5 µM THPP aqueous solutions. Each point is an average of ≥ 3 measurements. Bars represent SD of ≥ 3 measurements.



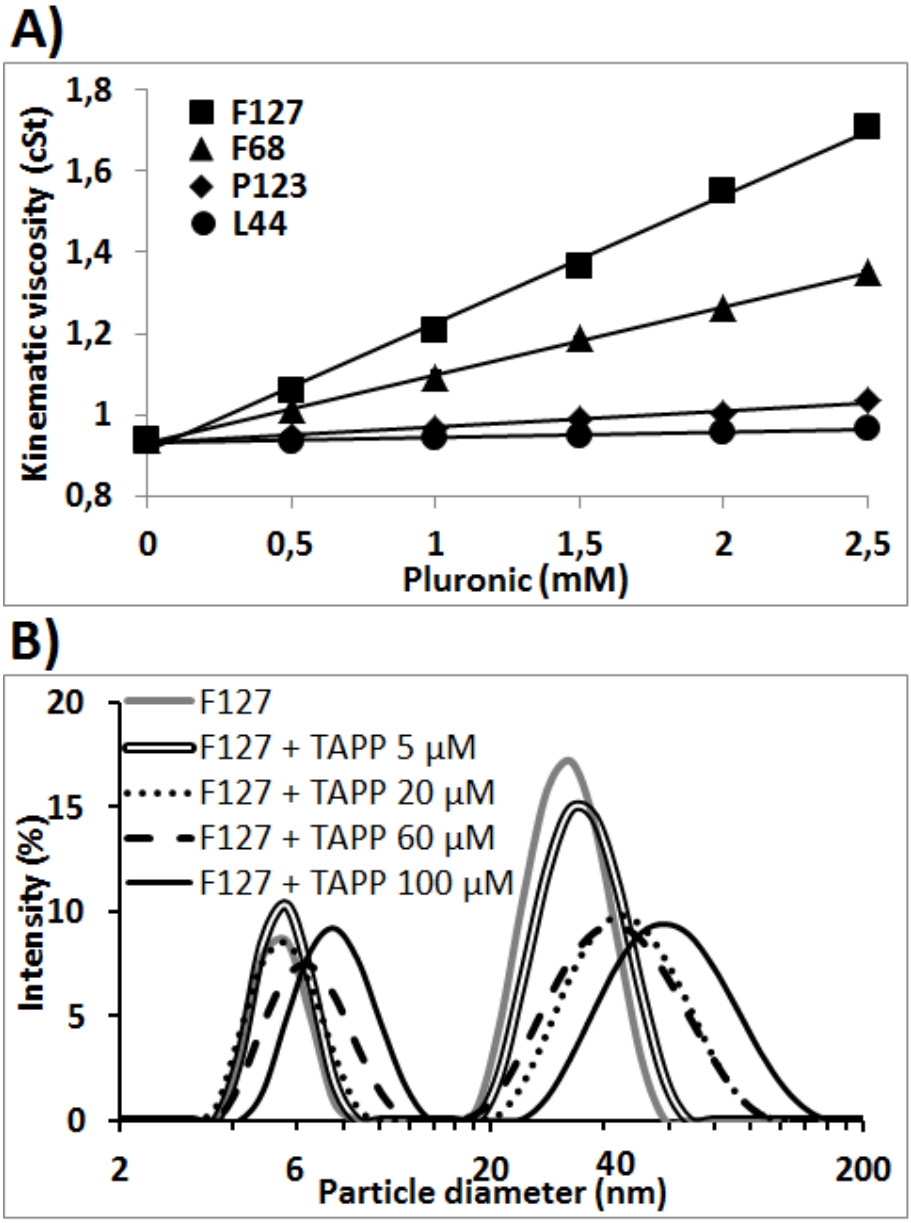
Suppl Fig. 2 UV-Visible absorption spectra (Soret band) of 5 µM TSPP in plain aqueous solution (—), and in presence of Pluronics L44 (A), P123 (C) and F127 (E) < cmc (•••) and > cmc (==). Absorbance at selected wavelengths as a function of $\log_{10}$ L44 (B), P123 (D) or F127 (F) content in 5 µM TSPP aqueous solutions. Each point is an average of ≥ 3 measurements. Bars represent SD of ≥ 3 measurements.



Suppl Fig. 3 UV-Visible absorption spectra (Soret band) of 5 µM TCPP in plain aqueous solution (—), and in presence of Pluronics L44 (A), P123 (B), F127 (C) and F68 (D) < cmc (•••) and > cmc (==).



Suppl Fig. 4 UV-Visible absorption spectra (Soret band) of 5 μM TAPP in plain aqueous solution (—), and in presence of L44 (A), P123 (C) and F127 (E) < cmc (•••) and > cmc (==). Absorbance at selected wavelengths as a function of $\log_{10}$ L44 (B), P123 (D) or F127 (F) content in 5 μM TAPP aqueous solutions. Each point is an average of ≥ 3 measurements. Bars represent SD of ≥ 3 measurements.



Suppl Fig. 5 A: Kinematic viscosity of Pluronic plain aqueous samples as a function of Pluronic concentration. Bars represent SD of 15 measurements. B: Size distribution by intensity of Pluronic F127 samples (2 mM) in presence of TAPP. One size distribution curve, representative for 5 replicate experiments, is presented for each concentration level.