Supplementary Material

Synthesis, characterization, antioxidant and antibacterial properties of non‑peripherally and peripherally tetra-substituted phthalocyanines

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**Fig. S1.** FT-IR spectra of compound **7**.



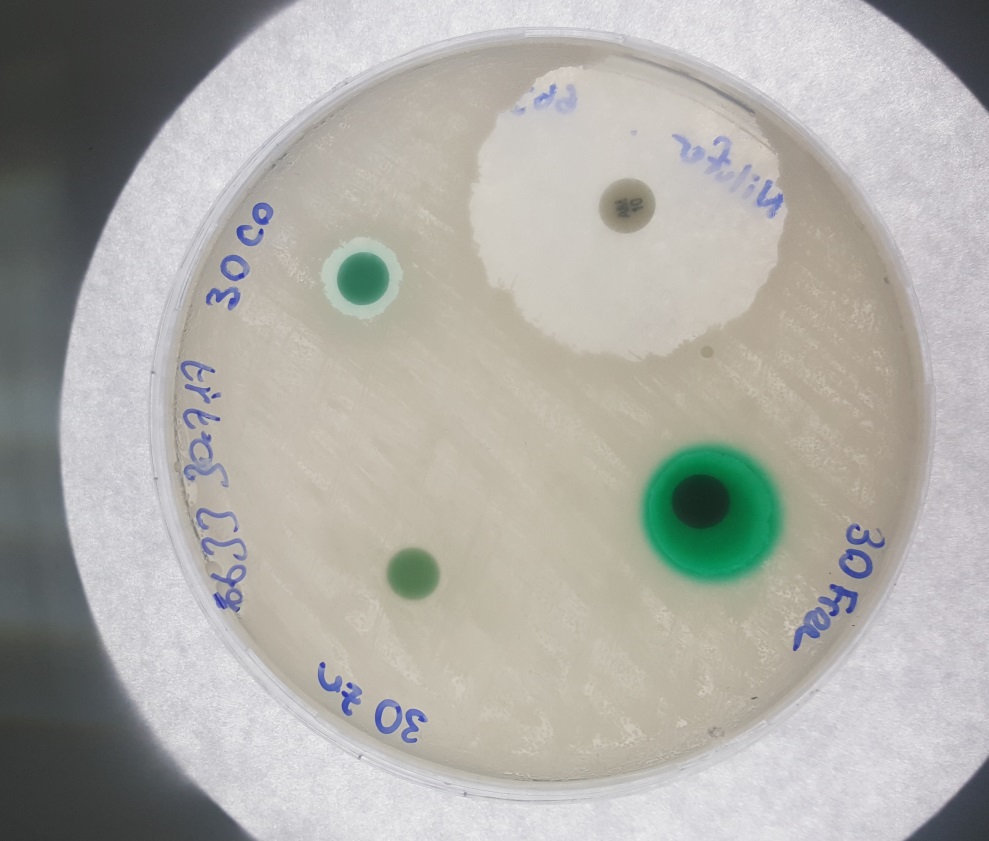
**Fig. S2.** FT-IR spectra of compound **8**.

C:\Users\Sau\Desktop\7 nolu madde masss.tif

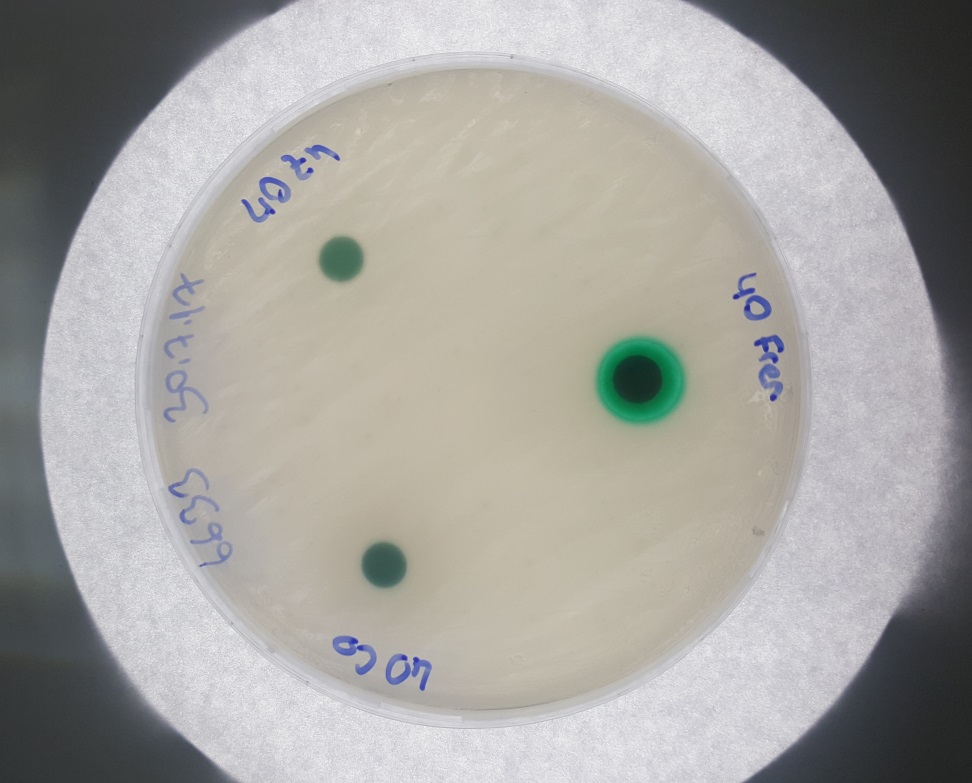
**Fig. S3.** Mass spectra of compound **7**.

C:\Users\Sau\Desktop\8 nolu madde Mass spectrum.tif

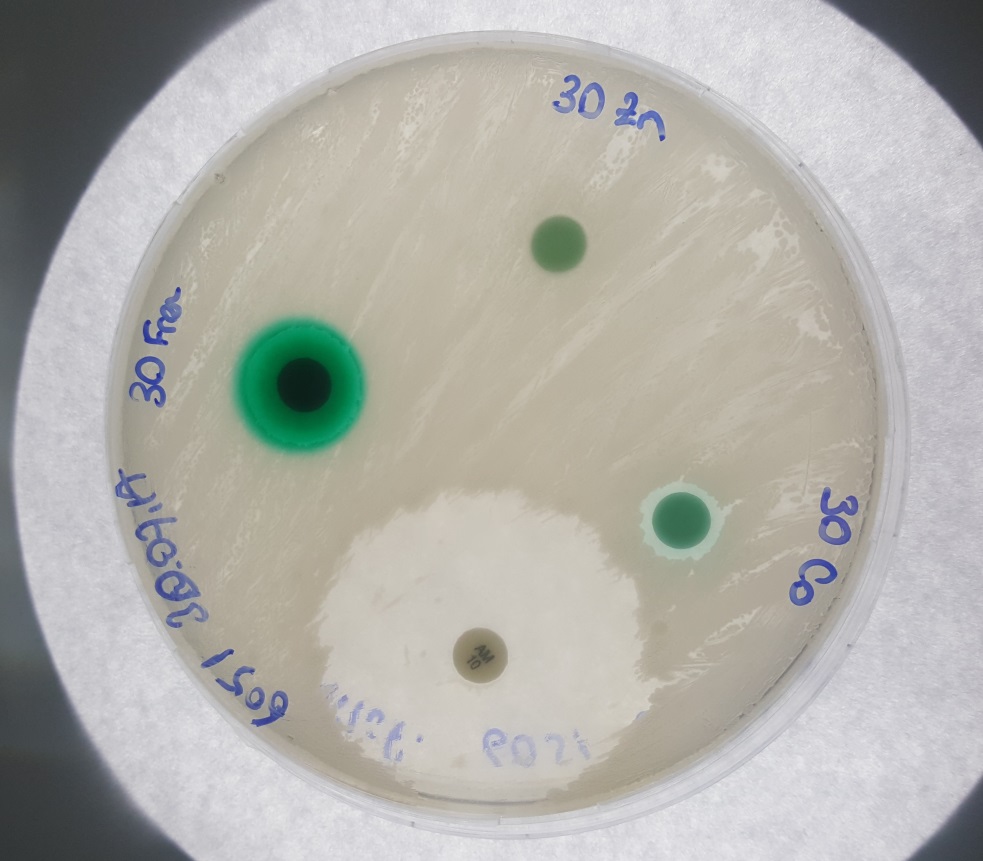
**Fig. S4.** Mass spectra of compound **8**.



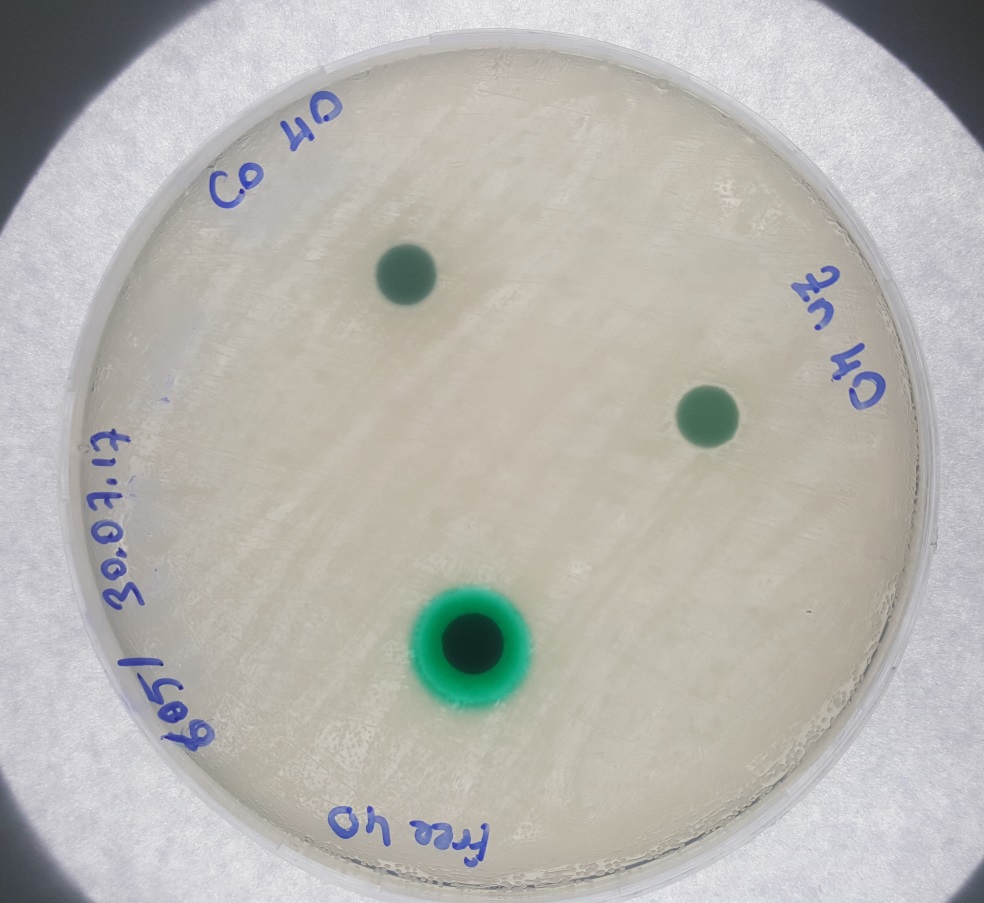
**Fig. S5.** Antibacterial activities of phthalocyanines **3**, **5** and **7** bearing 4-methoxy-phenoxy substituents on the non-peripheral positions and Ampicillin against *Bacillus subtilis* (ATCC 6633).



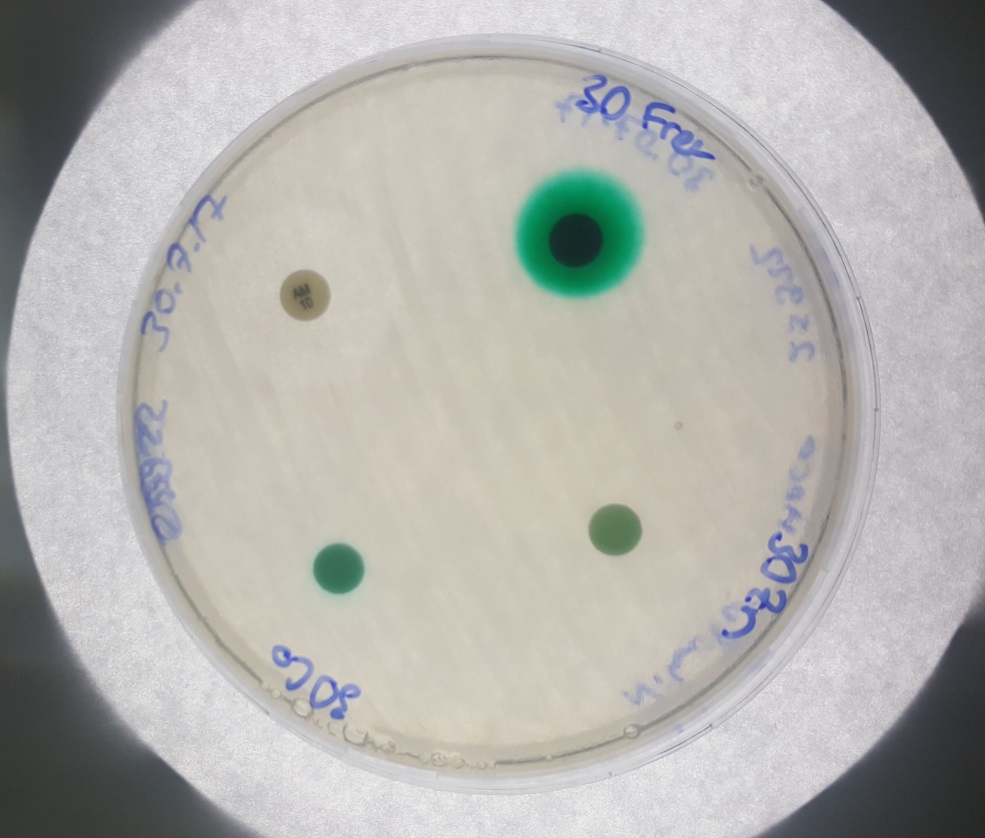
**Fig. S6.** Antibacterial activities of phthalocyanines **4**, **6** and **8** bearing 4-methoxy-phenoxy substituents on the peripheral positions against *Bacillus subtilis* (ATCC 6633).



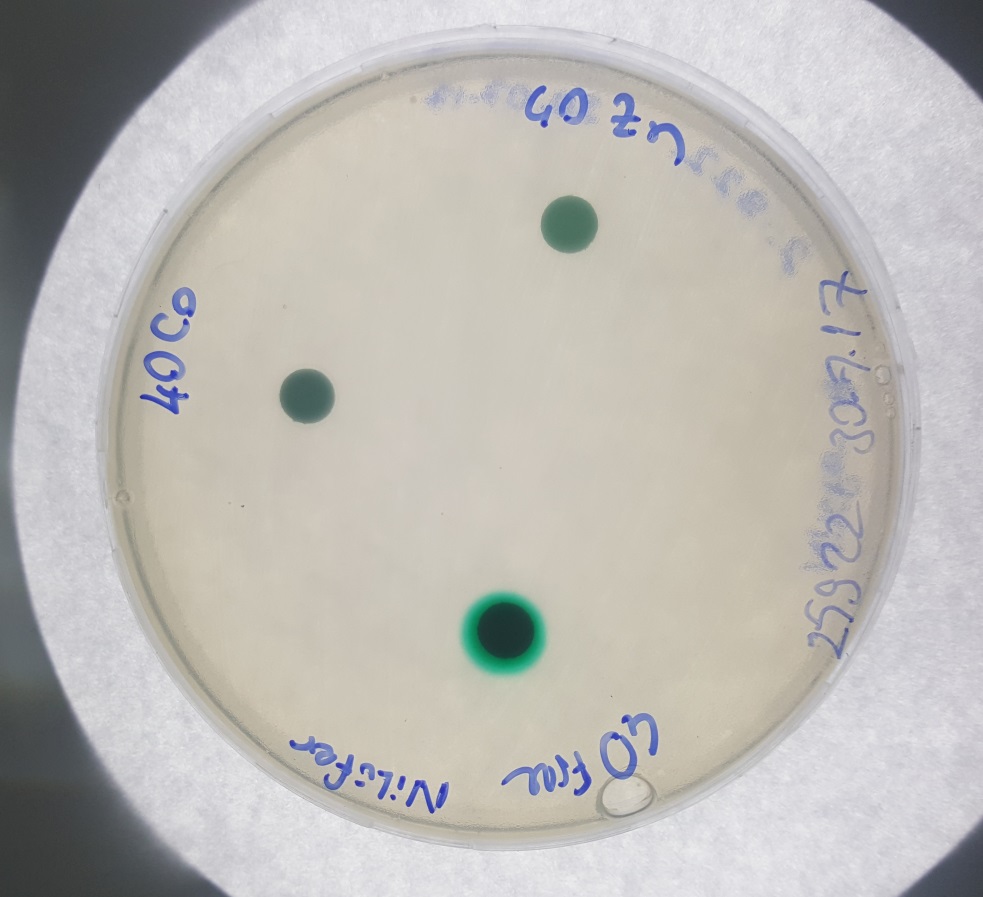
**Fig. S7** Antibacterial activities of phthalocyanines **3**, **5** and **7** bearing 4-methoxy-phenoxy substituents on the non-peripheral positions and Ampicillin against *Bacillus subtilis* (ATCC 6051).



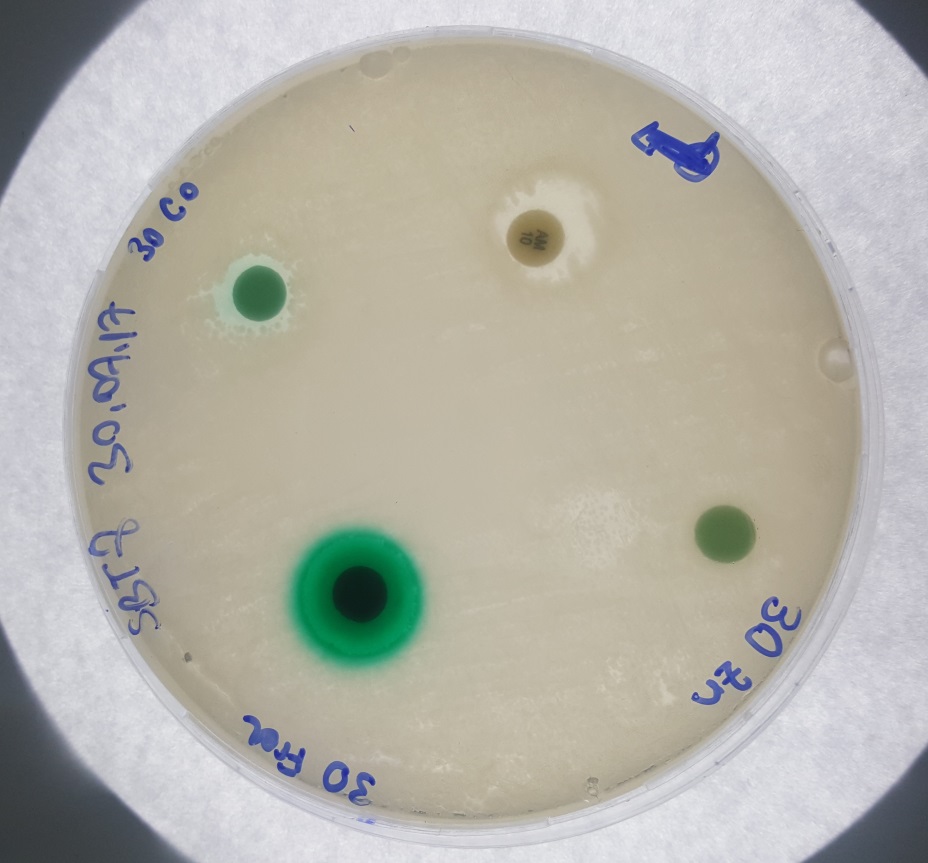
**Fig. S8.** Antibacterial activities of phthalocyanines **4**, **6** and **8** bearing 4-methoxy-phenoxy substituents on the peripheral positions against *Bacillus subtilis* (ATCC 6051).



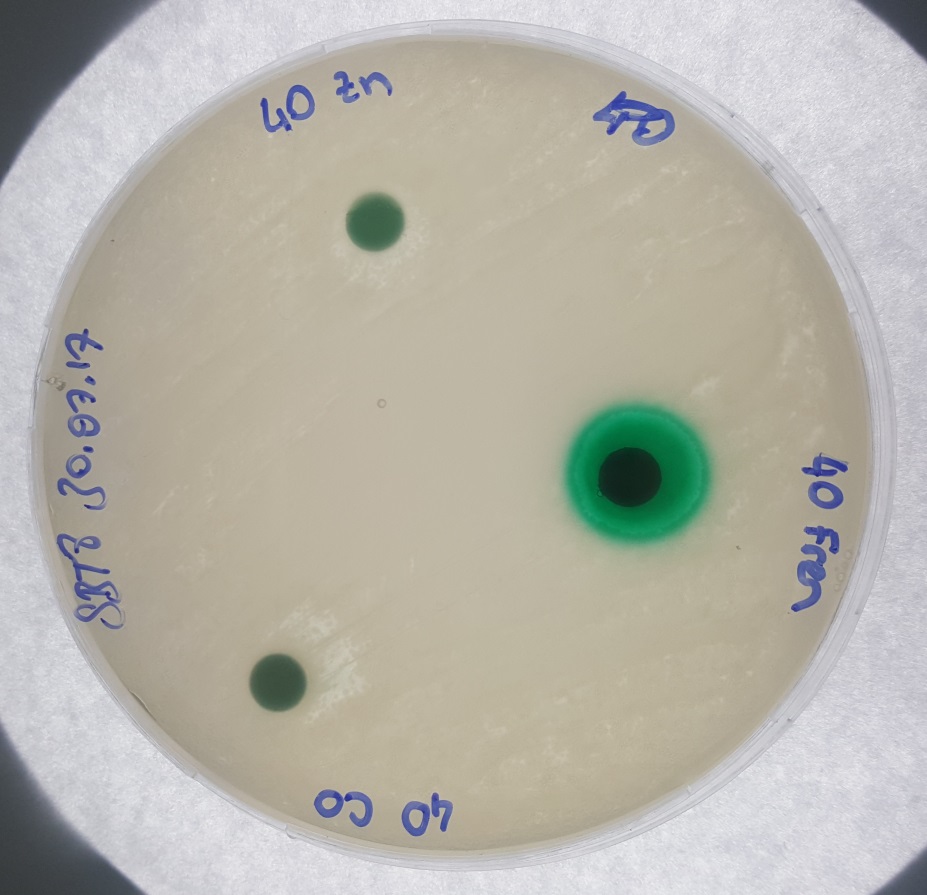
**Fig. S9.** Antibacterial activities of phthalocyanines **3**, **5** and **7** bearing 4-methoxy-phenoxy substituents on the non-peripheral positions and Ampicillin against *Escherichia coli* (ATCC 25922).



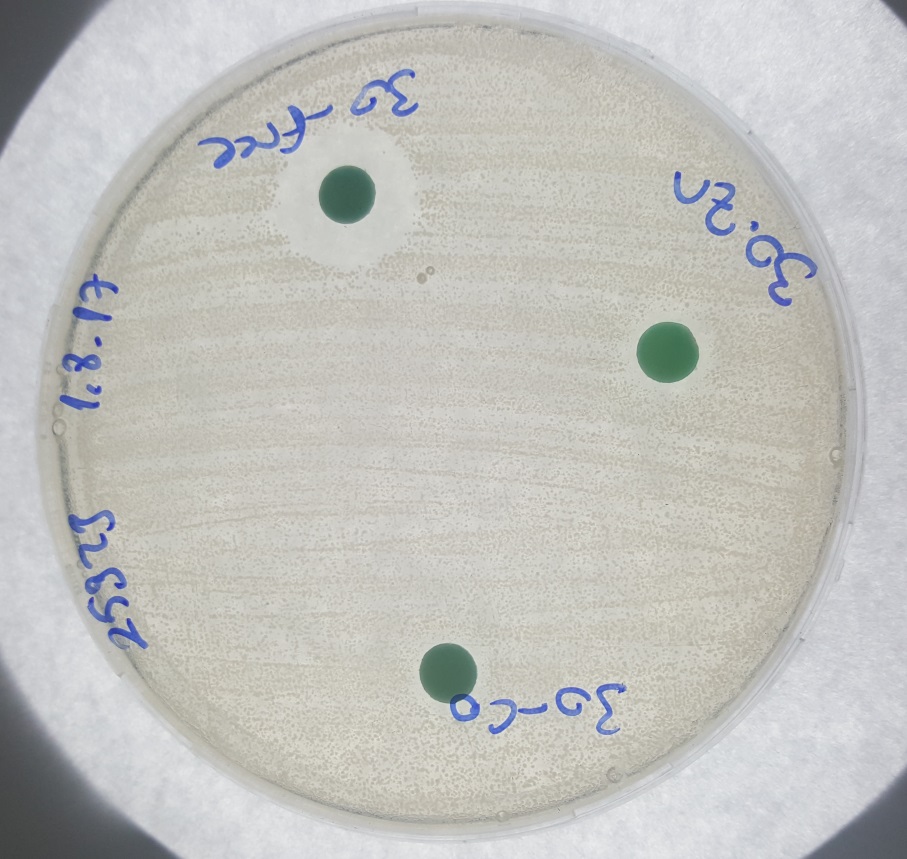
**Fig. S10.** Antibacterial activities of phthalocyanines **4**, **6** and **8** bearing 4-methoxy-phenoxy substituents on the peripheral positions against *Escherichia coli* (ATCC 25922).



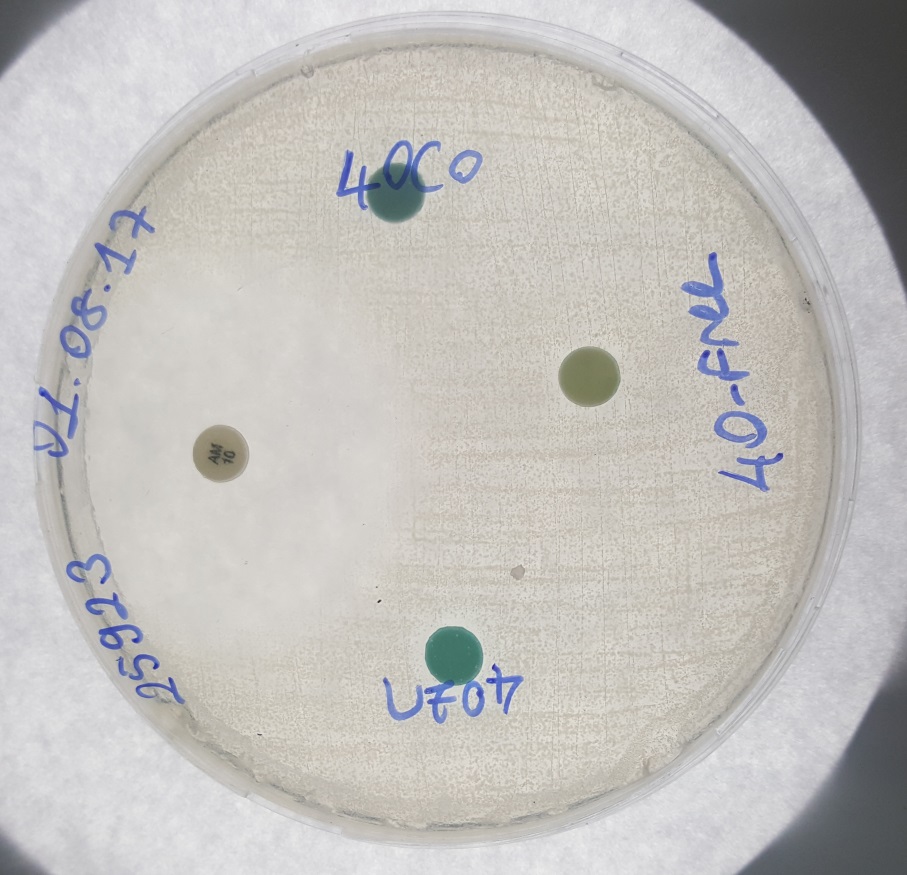
**Fig. S11.** Antibacterial activities of phthalocyanines **3**, **5** and **7** bearing 4-methoxy-phenoxy substituents on the non-peripheral positions and Ampicillin against *Bacillus cereus* (ATCC SBT8).



**Fig. S12.** Antibacterial activities of phthalocyanines **4**, **6** and **8** bearing 4-methoxy-phenoxy substituents on the peripheral positions against *Bacillus cereus* (ATCC SBT8).



**Fig. S13.** Antibacterial activities of phthalocyanines **3**, **5** and **7** bearing 4-methoxy-phenoxy substituents on the non-peripheral positions and Ampicillin against *Staphylococcus aureus* (ATCC 25923).



**Fig. S14.** Antibacterial activities of phthalocyanines **4**, **6** and **8** bearing 4-methoxy-phenoxy substituents on the peripheral positions against *Staphylococcus aureus* (ATCC 25923).