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Table S1. Preliminary screening of diphenyl amines against other Gram +ve and Gram -ve bacterial strains

Compound	S. aureus NCTC 6571	S. aureus MTCC 96	Bacillus subtilis	S. epidermidis MTCC 2639	<i>E. coli</i> MTCC 1302	<i>P. aeru.</i> MTCC 647	P.aeru. MTCC 3541	P. putida
	MIC (µg/mL)							
Streptomycin*	-	-	-	7.8	-	15.6	7.8	1.9
Triclosan*	7.8	3.9	3.9	1.9	15.6	1.9	7.8	3.9
1a	15.6	15.6	-	15.6	31.2	-	-	7.8
1b	-	-	-	-	-	-	-	31.2
1c	-	-	-	-	-	-	-	15.6
1d	15.6	7.8	-	-	62.5	-	62.5	31.2
2b	7.8	7.8	15.6	15.6	7.8	7.8	7.8	7.8
2c	31.2	31.2	62.5	31.2	31.2	31.2	7.8	31.2
2d	-	-	62.5	-	-	-	-	-
2e	-	-	-	-	-	-	-	-
2f	15.6	31.2	-	-	-	-	-	15.6
3f1	-	-	-	-	-	-	-	31.2
3f2	-	-	-	62.5	-	-	-	62.5
3f3	31.2	7.8	-	-	-	-	-	15.6

*Triclosan, a diphenyl ether, and streptomycin were used as reference compounds.



Figure S1. ¹H NMR spectrum (400 MHz, CDCl₃) of compound 1a.



Figure S2. ¹³C NMR spectrum (100 MHz, CDCl₃) of compound 1a.



Figure S3. ¹H NMR spectrum (400 MHz, CDCl₃) of compound 1b.



Figure S4. ¹³C NMR spectrum (100 MHz, CDCl₃) of compound 1b.



Figure S5. ¹H NMR spectrum (400 MHz, CDCl₃) of compound 1c.



Figure S6. ¹³C NMR spectrum (100 MHz, CDCl₃) of compound 1c.



Figure S7. ¹H NMR spectrum (400 MHz, CDCl₃) of compound 1d.



Figure S8. ¹³C NMR spectrum (100 MHz, CDCl₃) of compound 1d.



Figure S9. ¹H NMR spectrum (400 MHz, CDCl₃) of compound 2b.



Figure S10. ¹³C NMR spectrum (100 MHz, CDCl₃) of compound 2b.



Figure S11. ¹H NMR spectrum (400 MHz, CDCl₃) of compound 2c.



Figure S12. ¹³C NMR spectrum (100 MHz, CDCl₃) of compound 2c.



Figure S13. ¹H NMR spectrum of (400 MHz, CDCl₃) compound 2d.



Figure S14. ¹³C NMR spectrum (100 MHz, CDCl₃) of compound 2d.



Figure S15. ¹H NMR spectrum (400 MHz, CDCl₃) of compound 2e.



Figure S16. ¹³C NMR spectrum (100 MHz, CDCl₃) of compound 2e.



Figure S17. ¹H NMR spectrum (400 MHz, CDCl₃) of compound 2f.



Figure S18. ¹³C NMR spectrum (100 MHz, CDCl₃) of compound 2f.



Figure S19. ¹H NMR spectrum (400 MHz, CDCl₃) of compound 3f1.



Figure S20. ¹³C NMR spectrum (100 MHz, CDCl₃) of compound 3f1.



Figure S21. ¹H NMR spectrum (400 MHz, CDCl₃) of compound 3f2.



Figure S22. ¹³C NMR spectrum (400 MHz, CDCl₃) of compound 3f2.



Figure S23. ¹H NMR spectrum (400 MHz, CDCl₃) of compound 3f3.



Figure S24. ¹³C NMR spectrum (100 MHz, CDCl₃) of compound 3f3.