

Supplementary data:

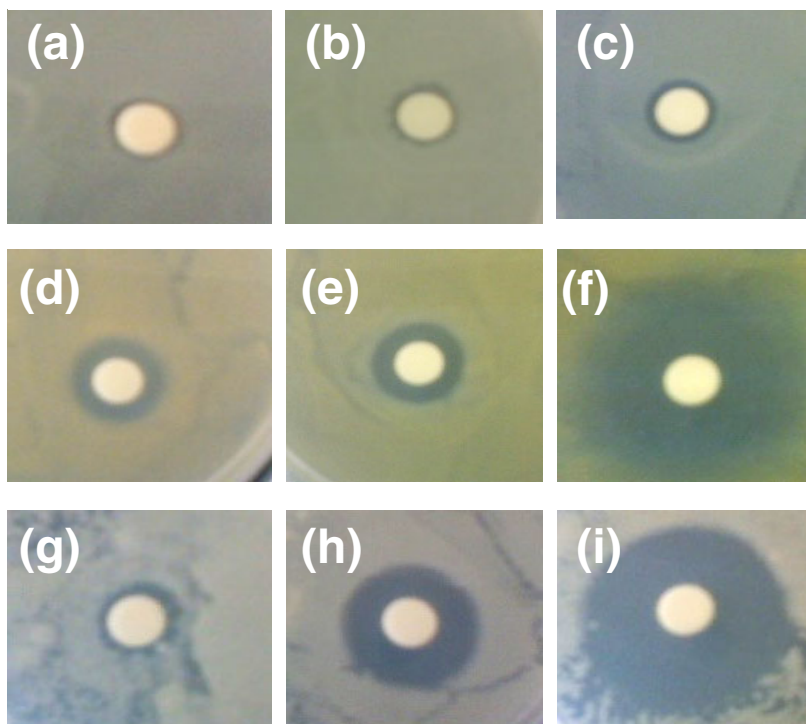


Figure S1: Zones of clearance for 2-substituted *N*-alkylimidazoles. *E. coli*: (a) **3f** [50 μ g], (b) **2f** [100 μ g], **3g** [50 μ g]; *S. aureus*: (d) **3f** [50 μ g], (e) **2e** [100 μ g], (f) **3g** [100 μ g]; *B. spizizenii*: (g) **1d** [50 μ g], (h) **3g** [100 μ g], (i) **3f** [50 μ g]

Table S1: Zones of clearance for imidazole derivatives. Disks were 6.5 mm in diameter. The experiments were performed in triplicate and the reported results are the average of these values.

Conc	<i>E.coli</i>		<i>S. aureus</i>		<i>B. spizizenii</i>		<i>C. albicans</i>	
	50	100	50	100	50	100	50	100
1a	6.5	6.5	6.5	6.8	6.8	6.5	6.5	6.5
1b	6.5	6.7	6.5	7.8	7.2	8.0	6.5	6.5
1c	6.5	6.5	7.0	7.8	6.5	8.2	6.5	6.5
1d	6.5	7.0	7.3	7.5	8.7	9.0	6.5	6.5
1e	6.5	7.3	8.7	10.8	20.7	23.7	6.5	6.7
1f	6.5	7.2	9.7	11.5	22.0	25.7	6.5	8.7
1g	6.5	7.8	11.7	13.3	24.0	28.0	8.2	10.3
1h	6.5	6.5	6.7	8.5	9.3	11.3	6.5	6.5
2a	6.5	7.0	6.5	7.8	6.5	7.0	6.5	6.5
2b	6.5	7.8	8.0	8.5	6.5	6.5	6.5	6.5
2c	6.5	6.7	7.7	7.7	6.5	6.5	6.5	6.5
2d	6.5	7.0	8.5	8.0	7.0	7.7	6.5	6.5
2e	6.5	8.7	9.3	11.5	13.7	17.3	6.5	6.5
2f	6.5	9.0	8.7	12.0	15.7	17.7	8.3	8.7
2g	6.5	8.3	12.7	12.3	18.0	17.3	8.8	8.0
2h	6.5	6.8	6.7	8.5	6.5	6.5	6.5	6.5
3a	6.7	6.7	8.7	8.0	6.5	6.8	6.5	6.5
3b	8.0	7.2	9.0	8.0	6.5	8.2	6.5	6.5
3c	7.7	6.7	8.2	8.0	6.7	7.2	6.5	6.5
3d	8.0	6.7	8.7	8.0	6.5	8.0	6.5	6.5
3e	7.3	7.0	9.3	8.2	9.0	8.8	6.5	6.5
3f	8.2	8.5	11.7	19.2	18.0	23.7	6.5	8.0
3g	9.7	8.0	20.7	18.8	22.7	21.8	9.7	10.8
3h	7.8	7.2	8.3	8.0	6.8	7.3	6.5	6.5