

Supplementary Information

Construction, characterization and antibacterial activity of pyrazolone, thiohydantoin and their derivatives

Osahon Michael^a, Giriraj Tailor^{a,*}, Saurabh Singh^{b,*}, Bhupendra Kr. Sarma^a & Pankaj Teli^c

^aDepartment of Chemistry, Mewar University, Chittogarh, Rajasthan 312 901, India

^bDepartment of Chemistry, M.L.V. Govt. College, Bhilwara, Rajasthan 311 001, India,

^cDepartment of Life Science, Mewar University, Chittogarh, Rajasthan 312 901, India

*E-mail: giriraj.tailor66@gmail.com, saurabhsingh.chem@gmail.com

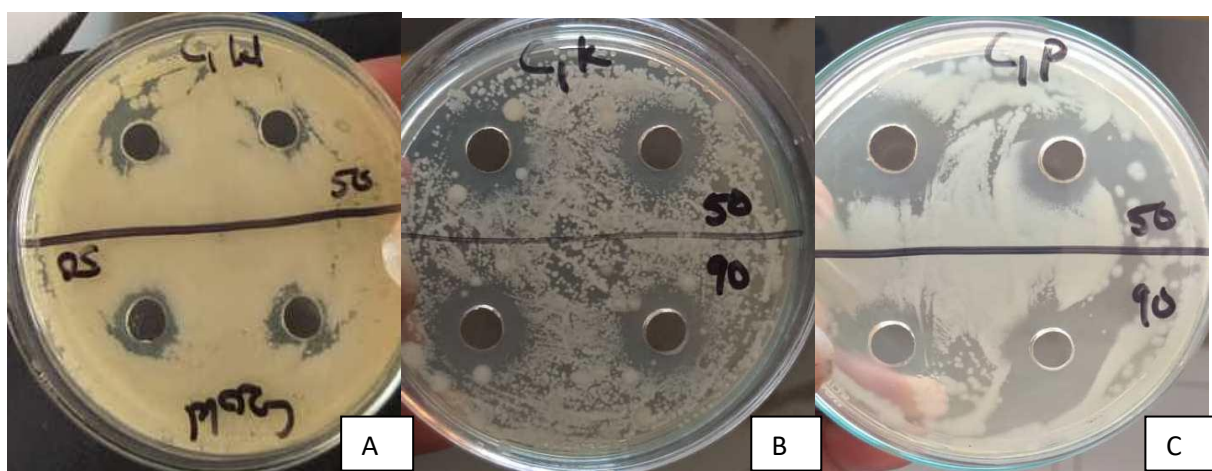


Fig. S1 — Zone of inhibition of compound 1 against: (A) *E. coli*, (B) *K. pneumonia* and (C) *P. aeruginosa*

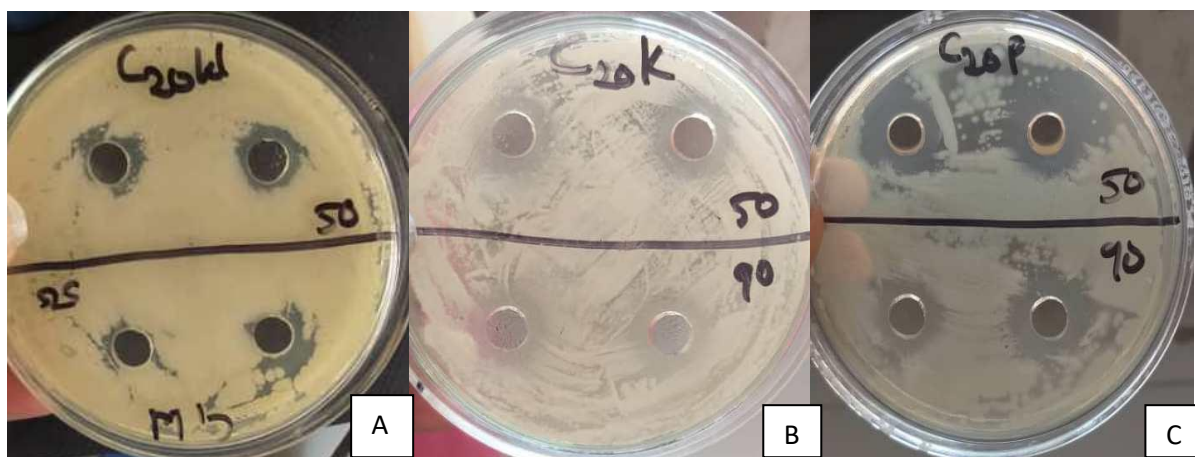


Fig. S2 — Zone of inhibition of compound 1a against: (A) *E. coli*, (B) *K. pneumonia* and (C) *P. aeruginosa*

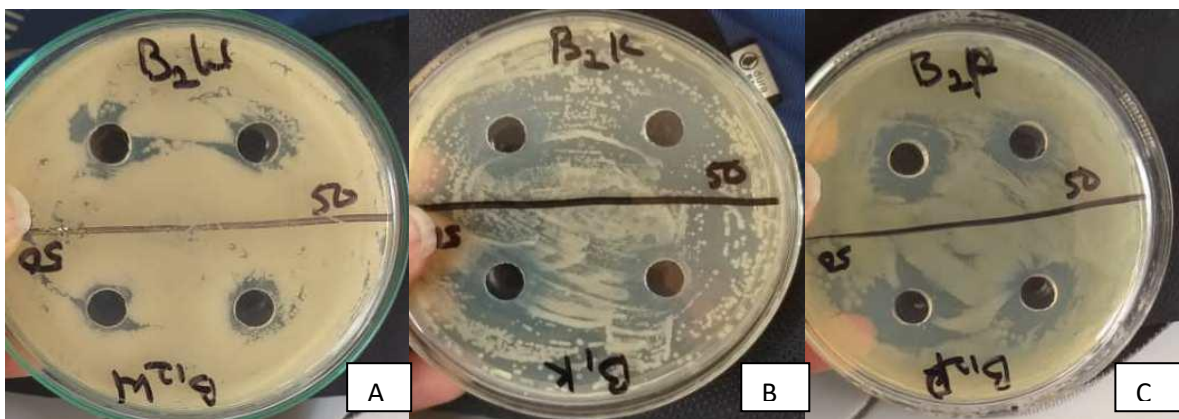


Fig. S3 — Zone of inhibition of compound 2 against: (A) *E. coli*, (B) *K. pneumonia* and (C) *P. aeruginosa*

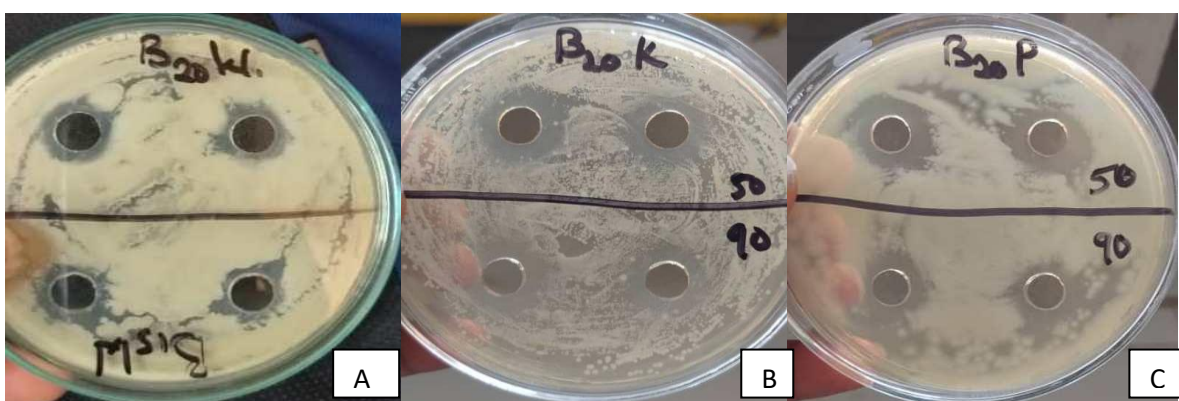


Fig. S4 — Zone of inhibition of compound 2a against: (A) *E. coli*, (B) *K. pneumonia* and (C) *P. aeruginosa*

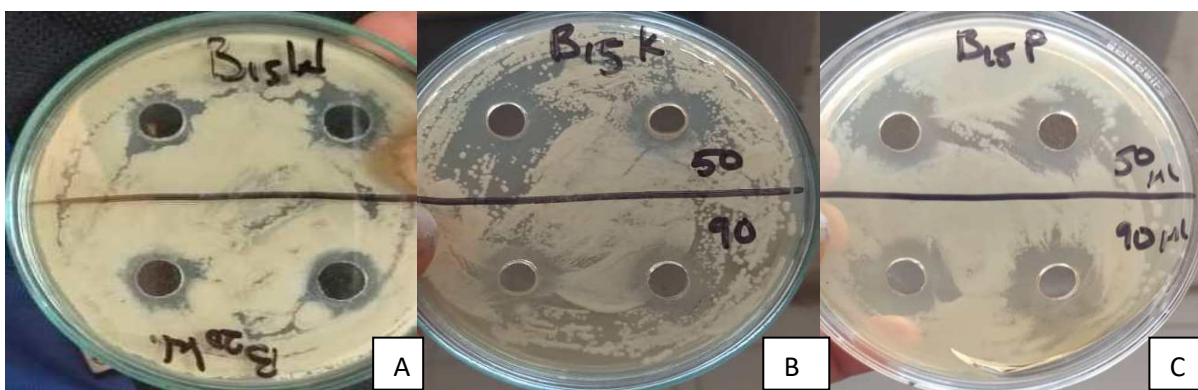


Fig. S5 — Zone of inhibition of compound 2b against: (A) *E. coli*, (B) *K. pneumonia* and (C) *P. aeruginosa*