Supplementary Information

A concise synthesis of pyrazole clubbed imidazolone compounds as antimicrobial agents

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Materials and methods

Completion of the reaction and purity of compounds were checked on Aluminum coated TLC plates [60 F\textsubscript{254} (E. Merck)]. n-hexane: ethyl acetate (3:2 V/V) used as mobile phase and it is visualized in an iodine chamber. An electro thermal melting point apparatus was used to determine melting points and were uncorrected. Elemental analysis (% C, H, N) was established by a Perkin-Elmer 2400 CHN analyser. IR spectra were recorded on a Perkin-Elmer FT-IR spectrophotometer with the use of KBr. \textsuperscript{1}H NMR and \textsuperscript{13}C NMR spectral data were obtained by a BrukerAvance III 400 MHz instrument where CDCl\textsubscript{3} used as a solvent and tetramethylsilane (TMS) as an internal standard using 5 mm tube. Mass spectra were found on SHIMADZU LC-MS 2010 spectrometer.
IR Spectra of 3s

![IR Spectra of 3s](image)

\[^1\text{H-}\text{NMR Spectra of 3s}\]

![\[^1\text{H-}\text{NMR Spectra of 3s}\]](image)
\(^{13}\)C-NMR Spectra of 3s

Mass Spectra of 3s