



Synthesis and Antimicrobial Activity of 2-[[4'-(Arylidine-5'oxo-2' phenyl) Imidazolyl]-1'-yl]-3-Keto-1,5-Dimethyl-2-Phenyl Pyrazole

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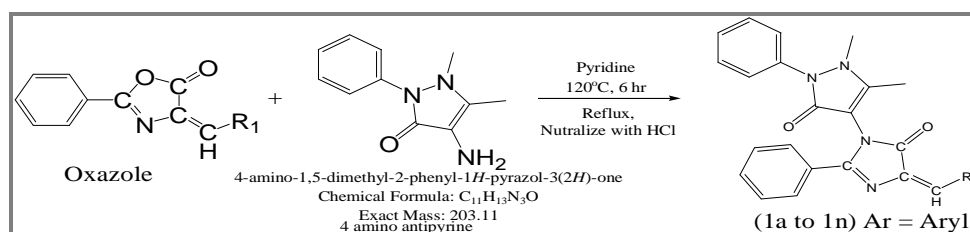
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ABSTRACT

5-Oxo-imidazoline derivatives exhibited good therapeutic activity, with a view of getting to synthesis 2-[[4'-(arylidine-5'oxo-2'phenyl) imidazolyl]-1'-yl]-3-keto-1,5-dimethyl-2-phenyl pyrazole (1a–1n) have been synthesized, all the synthesized compounds were characterized by TLC, IR, ¹H NMR, Mass spectral data. All the synthesized compounds (1a–1n) were screened for their antimicrobial activity at 40 μg concentration.

Graphical Abstract



Keywords: 5-Oxo-imidazolines, Antimicrobial activities.