



Synthesis and Antimicrobial Activity of 2-[[4'-Arylidine-5'-Oxo-2'-Phenyl) Imidazolyl]-1'-Yl]-3-(4-Hydroxyphenyl) Propanoic Acids

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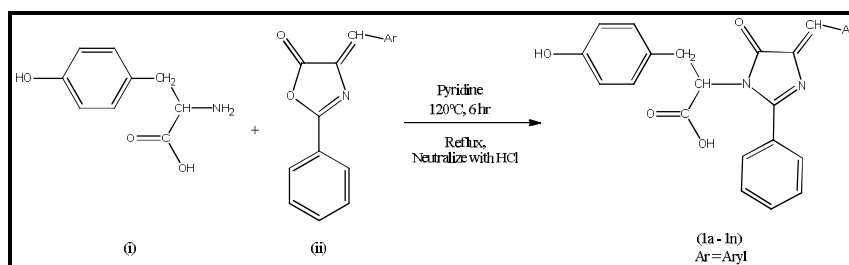
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ABSTRACT

Derivatives of 5-oxo-imidazoline exhibited good therapeutic activity, with a view of getting to synthesis 2-[[4'-arylidine-5'-oxo-2'-phenyl)imidazolyl]-1'-yl]-3-(4-hydroxyphenyl) propanoic acids (1a–1n) have been synthesized, all the derivatives were undergone characterized by IR, ¹H NMR and Mass spectral characterization methods. All the synthesized compounds (1a–1n) were evaluated for their antimicrobial activity at 40 µg concentration.

Graphical Abstract



Keywords: 5-Oxo-imidazolines, Antimicrobial activities, Characterization, Reflux.