



**Synthesis, Characterization and Biological Evaluation of  
Novel Imidazolones Derived from Azlactones**

**P. Snehalatha and N. J. P. Subhashini\***

\*Department of pharmacy, University College of Technology, Osmania University, Hyderabad-500 007, **INDIA**

Email: [njsubhashini@yahoo.co.in](mailto:njsubhashini@yahoo.co.in)

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**ABSTRACT**

*A series of novel 1-(4-(1H-benzo imidazol-2-yl)phenyl)- 4-arylidene -2-phenyl-1-1H-imidazol-5(4H)-one 3(a-j) were prepared starting from Azlactones (1) with 4-(1H-benzo[d]imidazol-2-yl)aniline (2). We developed a simple, efficient method for the synthesis of imidazolones (3a-j). The structural confirmation of the newly synthesized compounds was carried out on the basis of IR, <sup>1</sup>H NMR and Mass spectral studies. All these synthesized compounds were screened for their activity against bacterial and fungal organisms.*

**Keywords:** Phenyloxazolone, p-aminobenzoic acid, Anti-bacterial activity, imidazolones.

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