



Synthesis, Characterization and Antimicrobial Activity of Mercapto oxadiazole Aanalogs

S. V. Mamatha^{1*}, S. L. Belagali¹, Mahesh Bhat²
and Tirukoti Mounika¹

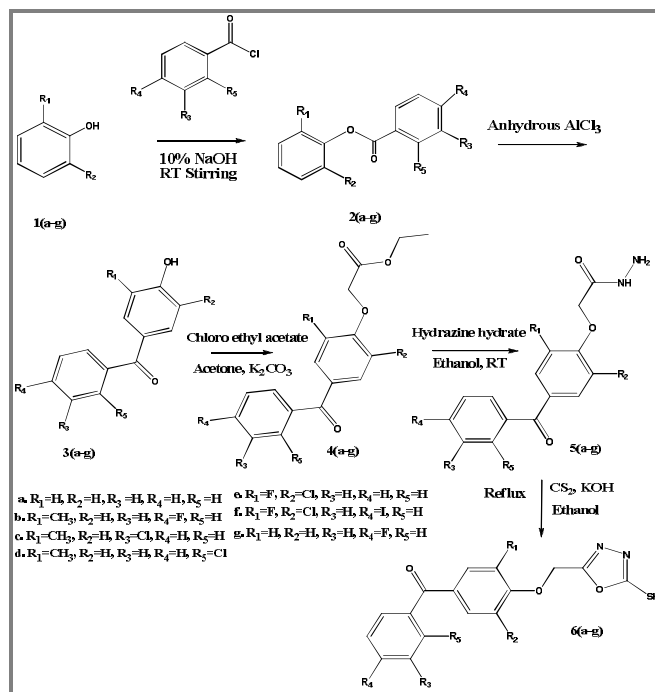
1. Environmental Chemistry section, Department of Studies in Environmental Science,
University of Mysore, Manasagangothri, Mysore-570006, Karnataka, **INDIA**
2. PG Department of Chemistry, JSS College for Women, Mysore-570009, Karnataka, **INDIA**
Email: mamatha.zh32@yahoo.com

Accepted on 6th January, 2020

ABSTRACT

In the present study, we synthesized analogs of oxadiazolebenzophenone which vary in the number and position of the methyl and halogen groups on the benzophenone moiety, which were then evaluated for their anti-bacterial and antifungal activities.

Graphical Abstract



Synthesis of Mercapto oxadiazole Aanalogs.

Keywords: Benzophenone, Antibacterial, Fries Rearrangement, Oxadiazole.