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**In this issue**

## Research Article

Open Access Research Article PTZAID:OJC-1-103

### Synthesis and Antimicrobial Evaluation of Some Nitro-Mannich Bases Derived from -Nitrostyrene

Published On: December 30, 2015 | Pages: 013 - 016

Author(s): Mardia Telep El-Sayed*, Eman Kishk and El-Sayed Afsah

The present work focused on exploring the reactivity of -nitrostyrene towards Mannich reaction with different approaches. The synthesized nitro-Mannich bases were tested as antimicrobial agents that showed high activity against both gram positive and gram negative bacteria. ...

Abstract View Full Article View DOI: 10.17352/ojc.000003

Open Access Research Article PTZAID:OJC-1-101

### Microwave Irradated Synthesis, Characterization and Evaluation for their Antibacterial and Larvicidal Activities of some Novel Chalcone and Isoxazole Substituted 9-Anilino Acridines

Published On: August 27, 2015 | Pages: 001 - 007

Author(s): R Kalirajan*, S Jubie and B Gowramma

Introduction: Chalcone, isoxazole and acridines have diverse biological activities. A series of novel chalcone and isoxazole substituted 9-anilinoacridines were synthesized for their antibacterial, larvicidal, activities. Methods: A series of novel chalcone and isoxazole substituted 9-anilinoacridines (3a-h and 4a-h) were synthesized from 9-chloroacridine by microwav ...

Abstract View Full Article View DOI: 10.17352/ojc.000001

## Review Article

Open Access Review Article PTZAID:OJC-1-102

# Recent Structure Activity Relationship Studies of 1,4-Benzodiazepines

Published On: November 10, 2015 | Pages: 008 - 012

Author(s): Noor ul Amin Mohsin and Muhammad Imran Qadir*

Structure activity relationship studies of 1,4-benzodiazepines have been discussed especially with their effects as antianxiety and anticonvulsants. The currently available benzodiazepines are associated with various side effects. Nowadays the purpose of these studies is to minimize side effects with these drugs. ...

Abstract View | Full Article View | DOI: 10.17352/ojc.000002