

3rd International Conference and Exhibition on Cell & Gene Therapy

October 27-29, 2014 Embassy Suites Las Vegas, USA

Synthetic approaches and pharmacological activities of 1,3,4-oxadiazoles: A review of the literature from 2000-2014

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This new collective review provides pharmaceutical organic and medicinal chemists with an overview of all the main synthetic methodologies, including all the new techniques and approaches along with my own new researches, for the several 1,3,4-oxadiazole derivatives (with a focus on 2,5-disubstituted 1,3,4-oxadiazole derivatives) and of their fantastic broad spectrum of biological and pharmacological activities (as 1,3,4-oxadiazole derivatives constitute one of the most important classes of drugs and pharmaceuticals used in medicine) as reported over the past fourteen years.

Biography

Amgad Mohammed Rabie Hamed Fouda has completed his MSc and Postgraduate studies in Pharmaceutical and Biomedical Sciences at the age of 30 years from the Faculty of Pharmacy, Mansoura University, Egypt. He is one of the most famous and reputed Egyptian and Arab pharmacists, researchers and scientists. His new researches focused on the synthesis, discovery, and development of new drugs and medicines for the most resistant and untreated human diseases. He is the head of pharmacists at the Dikernis General Hospital (Mansoura, Egypt), a premier governmental hospital in Egypt. He has published more than 25 papers in very reputed journals and serving as an Editorial Board Member of great repute.

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