



Comparative study of some pharmacological activities of heterocyclic compounds derived from spiro-isoxazoline, triazole, tetrazole, pyrazole and tryptophan

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Abstract

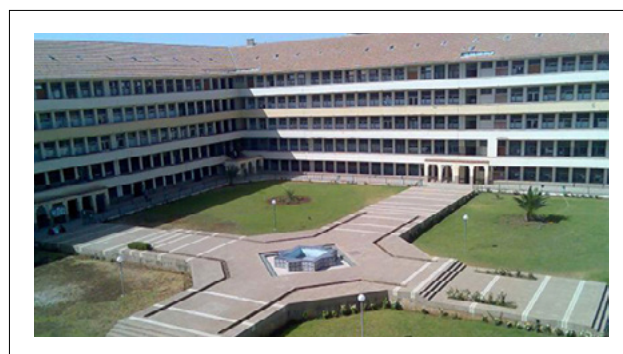
The chemistry of the heterocycles constitutes one among the analysis themes terribly studied and developed in organic synthesis. Several heterocyclic derivatives square measure found to exhibit varied organic chemistry, agro-chemical and chemistry activities. In continuation of our analysis interest in heterocyclic compounds and people precursors, we have a tendency to report during this conference the most recent analysis conducted in our Laboratory of chemical science. The analysis orientations chose square measure the following:

- Development of some Spiro heterocyclic compounds, study and prediction of their medicine activities,
- Synthesis and analysis of the medicament activity of some heterocycles derived from triazole, tetrazole, pyrazole and essential amino acid

Keywords: Heterocycle, 1, 3-dipolar cycloaddition, Reaction of substitution, Biological activity, POM Analyses

Biography

Anouar Alami was born in Fez, Morocco, in 1966. He studied Chemistry at Montpellier II University, France and He received his Ph. in 1991. He then joined in 1992 the Department of Chemistry at the FSDM, USMBA - Fez, Morocco. He prepared his state doctorate thesis degree in Organic Chemistry in 1997 at USMBA. Head of Department of Chemistry, elected for two terms 2013-2015 and 2016-2017 of the Council of FSDM, Chairman of the TRANSMEDITERRANEAN COLLOQUIUM ON HETEROCYCLIC CHEMISTRY, November 22-25, 2017, Fez, Morocco, Responsible for the doctoral training "Bioactive Molecules, Health and Biotechnologies", 2014-2018, Director of the Laboratory of organic chemistry, 2014-2018, Chairman of the International Symposium on heterocyclic chemistry, October 26-29, 2011. Believing strongly in the cognitive complementarity of science and in parallel to all his responsibilities, he had prepared a DEUG (2008) and a License (2010) in Private Law in French and a Master in Economics and Management (2013) at the Faculty of Economics, Law, and Social Sciences of Fez.



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