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بالرسالة صفحات
لم ترد بالأصل

STUDIES ON SOME NITROGEN CONTAINING HETEROCYCLIC COMPOUNDS

A THESIS
SUBMITTED IN PARTIAL FULFILLMENT OF THE
REQUIREMENTS OF M.Sc. IN CHEMISTRY

PRESENTED BY
ABEER MOHAMED EL-SAYED
B.Sc. (Honor degree) 1992

DEPARTMENT OF CHEMISTRY
FACULTY OF SCIENCE
AIN SHAMS UNIVERSITY
CAIRO, EGYPT

1998

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Note

Beside the work done in this thesis the candidate has attended post-graduate courses for one year in advanced organic chemistry including the following topics:

1. Reaction mechanisms.
2. Pericyclic reaction mechanisms
3. ^1H -NMR and ^{13}C -NMR.
4. IR.
5. UV.
6. Mass spectrometry.
7. Free radical reaction mechanisms.
8. Heterocyclic chemistry.
9. Organic reactions.
10. Natural products.
11. Polymers.
12. Aromaticity.
13. Photochemistry.
14. Chemistry of organometallic compounds.
15. Instrumental analysis.
16. English language.

She has successfully passed a written examination in these topics.

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ACKNOWLEDGMENT

First of all I should thank God for all of his blessings.

I would like to express my deep gratitude and appreciation to Prof. Dr. Mohamed Ali Hassan, Prof. Dr. Mohamed Mahmoud Mohamed and Dr. Sayed Ahmed Shiba for suggesting the point of research, sincere guidance, fruitful and valuable discussions and their endless efforts to make this work a success.

Measurements of biological activities of the synthesized compounds were kindly made, by Mr. M. S. Abdel-Aziz through Prof. F. Tawfeek, at the department of biochemistry, faculty of science, Ain Shams University. Also, many ^1H -NMR, ^{13}C -NMR and mass spectral data were kindly made through Prof. Dr. M. A. Hassan and Prof. Dr. M. A. I. Salem during their stay at Nagoya University, Japan and Topengin University, Germany, respectively. This is gratefully acknowledged.

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