



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





شبكة المعلومات الجامعية



شبكة المعلومات الجامعية

التوثيق الالكتروني والميكرو فيلم

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد اعدت دون أية تغيرات



يجب أن

تحفظ هذه الأفلام بعيداً عن الغبار

في درجة حرارة من 15 – 20 مئوية ورطوبة نسبية من 20-40 %

To be kept away from dust in dry cool place of
15 – 25c and relative humidity 20-40 %



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بعض الوثائق الأصلية تالفة



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بالرسالة صفحات
لم ترد بالأصل



*Cyclo ~ Condensation and Addition
Reactions in The Synthesis of Some
New Heterocyclic Compounds as
Cyanine Dye Derivatives.*

A THESIS

Presented in partial fulfillment to Aswan-Faculty of
Science South Valley University.

For the degree of Master of Science

(Organic Chemistry)

By

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B.Sc. (Special Chemistry 1987)

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Title of M.Sc. thesis

**Cyclo-Condensation and Addition Reactions
in The Synthesis of some New Heterocyclic
Compounds as Cyanine Dye Derivatives.**

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To whom they light

The candle for me

My parents

My Husband

My daughter

O. A. Abu El-Nasar

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