

بسم الله الرحمن الرحيم

Synthesis and Interconversion of 2-amino-5-alkyl(aryl)-1,3,4-thiadiazole Derivatives

تخليق وتحولات مشتقات 2-أمينو-5-الكيل (اريل) 1,3,4-ثيا

ثنائي زول

By

Fathi Abbas Omer Merghani

Post-graduate higher \diploma in Chemistry/ B.Sc. Chem.

A thesis submitted for requirement of M.Sc. (Chemistry)

Supervisor:

Dr. Ahmed ElSadig Mohammed Saeed

Co-Supervisor:

Dr. Izz Eldeen Elfatih Barakat

Sudan University of Science and Technology

College of Postgraduate Studies

Chemistry Department

December 2010

Dedication

**I would like to dedicate this
thesis**

**To my father's soul and
my family**

Chapter One

Introduction

Chapter Two

Experimental and Results

Chapter Three

Discussion

Chapter Four

Conclusions and Recommendations

References