

C O N T E N T S

Chapter I

General Introduction	...	...	...	...	1
----------------------	-----	-----	-----	-----	---

Chapter II

Studies in the synthesis of Chromone

Derivatives

Theoretical	...	...	...	...	16
-------------	-----	-----	-----	-----	----

Experimental	...	...	...	...	87
--------------	-----	-----	-----	-----	----

Chapter III

Studies in the Synthesis of Xanthone

Derivatives

Section I

A New One Step Synthesis of Xanthoness

Theoretical	...	...	...	...	120
-------------	-----	-----	-----	-----	-----

Experimental	...	...	...	...	197
--------------	-----	-----	-----	-----	-----

Section II

Synthesis of Furoxanthoness

Theoretical	...	...	...	...	226
-------------	-----	-----	-----	-----	-----

Experimental	...	...	...	...	258
--------------	-----	-----	-----	-----	-----

<u>Summary</u>	...	...	...	...	275
----------------	-----	-----	-----	-----	-----

List of Published papers	...	...	...	...	282
--------------------------	-----	-----	-----	-----	-----