

CONTENTS

Title

<u>Chapter</u>	<u>Title</u>	<u>Page</u>
I	<u>Haloquinoline and their derivatives and sulfa drug: A review.</u>	
	1.1 Haloquinolines .. 1	
	1.2 2 Substituted quinoline derivatives .. 2	
	1.3 Sulfonilamide .. 6	
	1.4 N ⁴ Substituted sulfonamides .. 14	
	1.5 New Heterocyclic Sulfonamides.. 17	
	1.6 Applications of sulfa drugs .. 21	
	1.7 References .. 22	
II	<u>Synthesis of N-(7-Chloro-4-quinolyl) Sulfonamide</u>	
	2.1 Introduction .. 27	
	2.2 Previous work .. 27	
	2.3 Present work .. 34	
	2.4 General remarks .. 38	
	2.5 Experimental work .. 39	
	2.6 PMR and IR spectra .. 53	
	2.7 References. .. 66	
III	<u>Antimicrobial study of N-(7-chloro-4-quinolyl)sulfonamides</u>	
	3.1 Introduction .. 68	
	3.2 Present investigation .. 69	
	3.3 Experimental work .. 69	
	3.3.1 Preparation of reagents and stock solution. .. 69	
	3.3.2 Micro-organism .. 69	
	3.3.3 Assay method .. 70	
	3.4 result and discussion and Conclusion. .. 71	
	3.5 Comparison of biological activities. .. 75	
	3.6 References. .. 82	
	3.7 Photographs .. 84	