CONTENTS

PART	TONE: TOPICS OF GENERAL INTEREST	
I	SELECTIVE TOXICITY	3-19
II	ABSORPTION, DISTRIBUTION, AND EXCRETION	20-36
III	CHEMOTHERAPY: ITS HISTORY AND PRINCIPLES	38-59
IV	PHARMACODYNAMICS	63-76
PART	T TWO: THE RELATIONSHIP BETWEEN STRUCTURE AND BIOLOGICAL ACTIV	TTY
V	THE CHEMICAL BASIS OF SELECTIVTY THE NATURE OF BONDS. ADSORPTI	ION 83
VII	HOW CHEMICALLY INERT SUBSTITUENTS CAN INFLUNCE BIOLOGICAL	
	ACTION	109
VIII	IONIZATION	116-144
IX	METAL-BINDING AGENTS	145-166
Х	COVALENCY	169-182
XI	SURFACE CHEMISTRY AND ATHE MODIFICATION OF MEMBRANES	184
XII	STERIC FACTORS	188
XIII	BIOLOGICAL ACTIVITY UNRELATED TO STRUCTURE: THE FERGUSON	
	EFFECT	196-201
APPE	ENDICES	
Ι	Connexion between ionization and antibacterial activity in the acridine series (table)	204
II	Calculation of percentage ionized, given pKa an pH (table)	209
III	Physical effects of substituents (table)	211
	Biblioraphy	212
	Subject index	225