

CONTENTS

Chap. I. The selection of a reagent and the preparation of a derivative	1
II. The classification of organic compounds and the separation of mixtures	10
III. Hydrocarbons: Paraffins, cycloparaffins, and aromatic hydrocarbons	18
IV. Halides: Alkyl and aryl halides, and polyhalogen compounds	34
V. Compounds containing the hydroxyl group: Alcohols, phenols, enols, and carbohydrates	51
VI. Mercaptans, thiophenols, and ethers	90
VII. Carbonyl compounds: Aldehydes, ketones, and acetals	107
VIII. Acids: Carboxylic, sulphonic, arsonic, and amino-acids	143
IX. Acid halides, acid anhydrides, esters, amides and imides	179
X. Amines and amino compounds	209
XI. Nitro, cyano, nitroso, azo, azoxy and hydrazo compounds	246
Author Index	277
Subject Index	282