

CONTENTS

ABBREVIATIONS	vii
INDEX, MONOFUNCTIONAL COMPOUNDS	ix
INDEX, DIFUNCTIONAL COMPOUNDS	xi
HOW TO USE THE COMPENDIUM	xiii
INTRODUCTION	xv
1 PREPARATION OF ACETYLENES	1
2 PREPARATION OF CARBOXYLIC ACIDS, ACID HALIDES, AND ANHYDRIDES	7
3 PREPARATION OF ALCOHOLS AND PHENOLS	28
4 PREPARATION OF ALDEHYDES	53
5 PREPARATION OF ALKYL, METHYLENES, AND ARYL	70
6 PREPARATION OF AMIDES	82
7 PREPARATION OF AMINES	92
8 PREPARATION OF ESTERS	108
9 PREPARATION OF ETHERS AND EPOXIDES	127
10 PREPARATION OF HALIDES AND SULFONATES	136
11 PREPARATION OF HYDRIDES	146
12 PREPARATION OF KETONES	155
13 PREPARATION OF NITRILES	185
14 PREPARATION OF OLEFINS	193
15 PREPARATION OF DIFUNCTIONAL COMPOUNDS	214