

<<沃氏实用有机化学教程>>

图书基本信息

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内容概要

《沃氏实用有机化学教程(第1卷)(第5版)》内容简介：This is the second time that we have prepared a new edition of Vogel's Textbook of Organic Chemistry and it is important to reaffirm the aims set out by the late Dr A. I. Vogel in the preface to the first edition. Thus in this new edition every endeavour is made to retain the comprehensive character of the book, and to ensure that it continues to be a one-volume reference text which is of value to practising organic chemists throughout their undergraduate, postgraduate and subsequent careers.

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书籍目录

CHAPTER 1 ORGANIC SYNTHESIS1.1 INTRODUCTION1.2 STRUCTURE OF THE TARGET MOLECULE1.3 REACTION MECHANISM AND THE METHODOLOGY OF SYNTHESIS1.4 REACTION MECHANISM AND THE STRATEGY OF SYNTHESIS1.5 CONCLUSIONREFERENCESCHAPTER 2 EXPERIMENTAL TECHNIQUES2.1 GENERAL INSTRUCTIONS FOR SAFE WORKING IN ORGANIC CHEMICAL LABORATORIES2.2 PLANNING OF EXPERIMENTS AND RECORDING OF RESULTS2.3 HAZARDS IN ORGANIC CHEMISTRY LABORATORIESAPPARATUS AND REACTION PROCEDURES2.4 INTERCHANGEABLE GROUND GLASS JOINTS2.5 TYPES OF GROUND GLASS JOINTS2.6 CARE AND MAINTENANCE OF GROUND GLASS JOINTS2.7 APPARATUS WITH INTERCHANGEABLE GROUND GLASS JOINTS SUITABLE FOR GENERAL USE IN PREPARATIVE ORGANIC CHEMISTRY2.8 OTHER TYPES OF INTERCHANGEABLE JOINTS AND STOPCOCKS2.9 THE USE OF CORKS AND RUBBER STOPPERS2.10 CUTTING AND BENDING OF GLASS TUBING2.11 GENERAL LABORATORY APPARATUS2.12 COOLING OF REACTION MIXTURES2.13 REACTION MIXTURES2.14 MECHANICAL AGITATION2.15 TYPICAL GROUND GLASS JOINT ASSEMBLIES FOR STANDARD REACTION PROCEDURES2.16 PRECAUTIONS FOR UNATTENDED REACTIONS2.17 APPARATUS FOR SPECIAL REACTION TECHNIQUESISOLATION AND PURIFICATION PROCESSES2.18 GENERAL CONSIDERATIONS2.19 FILTRATION TECHNIQUES2.20 RECRYSTALLISATION TECHNIQUES2.21 SUBLIMATION TECHNIQUES-FREEZE DRYING2.22 SOLVENT EXTRACTION2.23 DRYING OF LIQUIDS OR OF SOLUTIONS OF ORGANIC COMPOUNDS IN ORGANIC SOLVENTS2.24 DISTILLATION AT ATMOSPHERIC PRESSURE2.25 STEAM DISTILLATION2.26 FRACTIONAL DISTILLATION AT ATMOSPHERIC PRESSURE2.27 DISTILLATION UNDER DIMINISHED PRESSURE ('VACUUM' DISTILLATION)2.28 HIGH VACUUM DISTILLATION - MOLECULAR DISTILLATION2.29 VACUUM PUMPS2.30 MANOMETERS, VACUUM GAUGES AND MANOSTATS2.31 CHROMATOGRAPHY2.32 STORAGE OF SAMPLES2.33 MELTING POINT - MIXED MELTING POINTS2.34 DETERMINATION OF BOILING POINT2.35 DETERMINATION OF MOLECULAR WEIGHT2.36 DETERMINATION OF OPTICAL ROTATORY POWER2.37 DETERMINATION OF REFRACTIVE INDEXREFERENCESCHAPTER 3 SPECTROSCOPIC METHODS AND THE INTERPRETATION OF SPECTRAIntroductionThe electromagnetic spectrum3.1 INFRARED SPECTROSCOPYInstrumental features of infrared spectrophotometersDetermination of infrared spectraSample preparationFeatures of an infrared spectrumInterpretation of an infrared spectrumCharacteristic group frequencies3.2 NUCLEAR MAGNETIC RESONANCE SPECTROSCOPYFeatures of the nuclear magnetic resonance spectrumThe chemical shiftSpin-spin splittingProtons attached to heteroatomsSimplification of ¹H spectralInterpretation of the p.m.r. spectrumFurther information from ¹³C-spectra3.3 MASS SPECTROMETRYThe mass spectrumAppearance of the mass spectrumInterpretation of the mass spectrumMass spectra of classes of organic compounds3.4 ULTRAVIOLET-VISIBLE SPECTROSCOPYInstrumental features of ultraviolet-visible spectrophotometersDetermination of ultraviolet-visible spectraLaws of light absorptionSolvents for ultraviolet spectroscopySolution preparationOptical cells and their careFeatures of an ultraviolet-visible spectrumREFERENCESCHAPTER 4 SOLVENTS AND REAGENTS4.1 THE PURIFICATION OF COMMON ORGANIC SOLVENTSSaturated aliphatic hydrocarbonsAromatic hydrocarbonsHalogenated hydrocarbonsAliphatic alcoholsEthersKetonesEstersNitrogen-containing solventsSulphur-containing solventsPhosphorus-containing solvents4.2 THE PREPARATION AND PURIFICATION OF REAGENTSREFERENCESCHAPTER 5 ALIPHATIC COMPOUNDS5.1 ALKANESStructureSummary of preparative methods and of retrosynthetic strategiesSpectroscopic features5.1.1 The catalytic hydrogenation and chemical reduction of alkenes5.1.2 The hydrolysis of alkylmagnesium halides and the hydrogenolysis of alkyl halides and of alkyl methane- or toluene-p-sulphonates5.1.3 The reduction of aldehydes and ketones5.1.4 Coupling reactions (a) using organometallic compounds, and(b) at the anode5.2 ALKENESStructureSummary of

<<沃氏实用有机化学教程>>

preparative methods and of retrosynthetic strategies Spectroscopic features 5.2.1 1,2-Elimination processes ([i-elimination) 5.2.2 The partial hydrogenation of alkynes 5.2.3 Wittig and related reactions 5.2.4 Selected rearrangements of alkynes to allenes 5.3 ALKYNES Structure Summary of preparative methods and of retrosynthetic strategies Spectroscopic features 5.3.1 The dehydrogenation of vic- and gem-dihalides 5.3.2 The oxidation of dihydrazones of 1,2-diketones 5.3.3 Alkylation of a terminal alkyne 5.3.4 Coupling reactions leading to diynes 5.4 ALIPHATIC ALCOHOLS Structure Summary of preparative methods and of retrosynthetic strategies Spectroscopic features 5.4.1 The reduction of aldehydes, ketones and esters 5.4.2 The interaction of carbonyl-containing compounds with organometallic reagents 5.4.3 The hydroboration-oxidation of alkenes 5.4.4 The oxymercuration-demercuration of alkenes 5.4.5 The hydroxylation of alkenes 5.4.6 Methods for the protection of the hydroxyl group..... CHAPTER 6 AROMATIC COMPOUNDS CHAPTER 7 SELECTED ALICYCLIC ALICYCLIC COMPOUNDS CHAPTER 8 SELECTED HETEROCYCLIC COMPOUNDS CHAPTER 9 INVESTIGATION AND CHARACTERISATION OF ORGANIC COMPOUNDS CHAPTER 10 PHYSICAL CONSTANTS OF ORGANIC COMPOUNDS APPENDICES Table of atomic weights Index Reference data Abbreviations

章节摘录

插图：Low-pressure mercury arc lamps operate at near room temperature. Much of the energy input of medium and especially high-pressure lamps however is converted into heat so that these lamps must be cooled. The medium-pressure lamps have been used most extensively for synthetic work on account of their high light output, ease of handling and broad spectrum emission. The full arc spectrum of these lamps is often employed in preparative photochemistry, but if necessary removal of unwanted regions of the spectrum can be effected by surrounding the lamp with chemical or glass (e.g. Corex, Vycor) filters; unwanted light below 300 nm can of course be removed by irradiation through Pyrex glass. For a comprehensive account of light filters and commercially available lamps, the reader should consult the monograph of Schönberg, Schenck and Neumuller. Details of the energy output at the emitted wavelengths can usually be obtained from the lamp suppliers but it should be appreciated that these values change on ageing.

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