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Volume I

MANDEEP DALAL



First Edition

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A TEXTBOOK OF ORGANIC CHEMISTRY

Volume I

Mandeep Dalal

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The dedication image is a derivative work of the famous painting “Innocence” by William-Adolphe Bouguereau, whereas the image on the front cover is a derivative work of Vitaliy Smolygin’s “Structure Of DNA”.



Dedicated to my mother “Darshana Devi”

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PREFACE

The preface writing has always been a wonderful feeling that cannot be expressed in words as it relates you to your audience through your work. I conceived the idea of writing a new advanced-level textbook in organic chemistry during my Ph.D pursuit when I saw post-graduate chemistry students who were tired in search of the syllabus topics because of their ill-resourced university or college library. I also decided to write the textbooks of physical and organic chemistry because I think that someone who wants to teach or text one stream must have the core conceptual understanding of all the three streams of chemical science otherwise one would not be able to connect and explain the interdisciplinary topics in a comprehensive manner.

Out of the series of three textbooks, the present book, entitled “A Textbook of Organic Chemistry – Volume 1”, is the first installment of “A Textbook of Organic Chemistry”, which is a four-volume set in all. All the students and teachers are advised to read and consult all the four volumes in a subsequent pattern for a more efficient and thorough understanding of the subject of organic chemistry.

I also celebrate this opportunity for expressing the bottom-hearted gratitude towards the people who supported me at all stages of my work. First of all, I would like to express my sincere gratitude to my doctoral supervisors, Prof. S. P. Khatkar and Prof. V.B. Taxak for their continuous support and guidance from day one. Then I would like to record appreciation to my lovely sister, Jyoti Dalal, for her unconditional love, support and for being the guiding light when the life threw me in the darkest of corners. I am very much thankful to my beautiful wife, Anita Sangwan, who always stands shoulder to shoulder with me in my good and bad times. I especially want to thank my brother Sandeep Dalal for his positive criticism, encouragement, motivation and truly selfless support. A special thanks to my dearest sister Garima Sheoran for her love, care, and all-time encouragement. I also wish to thank my entire family, friends, and teachers for providing a loving environment for me.

Lastly, and most importantly, I wish to thank my mother, Darshana Devi, who bore me, raised me, supported me, taught me, and loved me.

Mandeep Dalal

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Table of Contents

CHAPTER 1	11
Nature of Bonding in Organic Molecules	11
❖ Delocalized Chemical Bonding	11
❖ Conjugation	14
❖ Cross Conjugation	16
❖ Resonance.....	18
❖ Hyperconjugation	27
❖ Tautomerism.....	31
❖ Aromaticity in Benzenoid and Nonbenzenoid Compounds	33
❖ Alternant and Non-Alternant Hydrocarbons	35
❖ Huckel's Rule: Energy Level of π -Molecular Orbitals	37
❖ Annulenes.....	44
❖ Antiaromaticity.....	46
❖ Homoaromaticity.....	48
❖ PMO Approach.....	50
❖ Bonds Weaker Than Covalent	58
❖ Addition Compounds: Crown Ether Complexes and Cryptands, Inclusion Compounds, Cyclodextrins	65
❖ Catenanes and Rotaxanes	75
❖ Problems.....	79
❖ Bibliography.....	80
CHAPTER 2	81
Stereochemistry	81
❖ Chirality.....	81
❖ Elements of Symmetry	86
❖ Molecules with More Than One Chiral Centre: Diastereomerism	90
❖ Determination of Relative and Absolute Configuration (Octant Rule Excluded) with Special Reference to Lactic Acid, Alanine & Mandelic Acid	92
❖ Methods of Resolution.....	102
❖ Optical Purity	104
❖ Prochirality	105
❖ Enantiotopic and Diastereotopic Atoms, Groups and Faces	107
❖ Asymmetric Synthesis: Cram's Rule and Its Modifications, Prelog's Rule	113
❖ Conformational Analysis of Cycloalkanes (Upto Six Membered Rings).....	116
❖ Decalins.....	122
❖ Conformations of Sugars	126
❖ Optical Activity in Absence of Chiral Carbon (Biphenyls, Allenes and Spiranes)	132
❖ Chirality Due to Helical Shape	137
❖ Geometrical Isomerism in Alkenes and Oximes	140
❖ Methods of Determining the Configuration	146

❖ Problems.....	151
❖ Bibliography.....	152
CHAPTER 3.....	153
Reaction Mechanism: Structure and Reactivity	153
❖ Types of Mechanisms.....	153
❖ Types of Reactions	156
❖ Thermodynamic and Kinetic Requirements.....	159
❖ Kinetic and Thermodynamic Control	161
❖ Hammond's Postulate.....	163
❖ Curtin-Hammett Principle	164
❖ Potential Energy Diagrams: Transition States and Intermediates	166
❖ Methods of Determining Mechanisms.....	168
❖ Isotope Effects	172
❖ Hard and Soft Acids and Bases.....	174
❖ Generation, Structure, Stability and Reactivity of Carbocations, Carbanions, Free Radicals, Carbenes and Nitrenes.....	176
❖ Effect of Structure on Reactivity	200
❖ The Hammett Equation and Linear Free Energy Relationship.....	203
❖ Substituent and Reaction Constants.....	209
❖ Taft Equation.....	215
❖ Problems.....	219
❖ Bibliography.....	220
CHAPTER 4.....	221
Carbohydrates	221
❖ Types of Naturally Occurring Sugars	221
❖ Deoxy Sugars	227
❖ Amino Sugars.....	229
❖ Branch Chain Sugars	230
❖ General Methods of Determination of Structure and Ring Size of Sugars with Particular Reference to Maltose, Lactose, Sucrose, Starch and Cellulose.....	231
❖ Problems.....	239
❖ Bibliography.....	240
CHAPTER 5.....	241
Natural and Synthetic Dyes	241
❖ Various Classes of Synthetic Dyes Including Heterocyclic Dyes	241
❖ Interaction Between Dyes and Fibers	245
❖ Structure Elucidation of Indigo and Alizarin	247
❖ Problems.....	252
❖ Bibliography.....	253
CHAPTER 6.....	254
Aliphatic Nucleophilic Substitution	254
❖ The S_N2 , S_N1 , Mixed S_N1 and S_N2 , S_Ni , S_N1' , S_N2' , S_Ni' and SET Mechanisms.....	254

❖ The Neighbouring Group Mechanisms	263
❖ Neighbouring Group Participation by π and σ Bonds	265
❖ Anchimeric Assistance	269
❖ Classical and Nonclassical Carbocations	272
❖ Phenonium Ions	283
❖ Common Carbocation Rearrangements	284
❖ Applications of NMR Spectroscopy in the Detection of Carbocations	286
❖ Reactivity – Effects of Substrate Structure, Attacking Nucleophile, Leaving Group and Reaction Medium	288
❖ Ambident Nucleophiles and Regioselectivity	294
❖ Phase Transfer Catalysis	297
❖ Problems	300
❖ Bibliography	301
CHAPTER 7	302
Aliphatic Electrophilic Substitution	302
❖ Bimolecular Mechanisms – SE_2 and SE_i	302
❖ The SE_1 Mechanism	305
❖ Electrophilic Substitution Accompanied by Double Bond Shifts	307
❖ Effect of Substrates, Leaving Group and the Solvent Polarity on the Reactivity	308
❖ Problems	310
❖ Bibliography	311
CHAPTER 8	312
Aromatic Electrophilic Substitution	312
❖ The Arenium Ion Mechanism	312
❖ Orientation and Reactivity	314
❖ Energy Profile Diagrams	316
❖ The Ortho/Para Ratio	317
❖ <i>ipso</i> -Attack	319
❖ Orientation in Other Ring Systems	320
❖ Quantitative Treatment of Reactivity in Substrates and Electrophiles	321
❖ Diazonium Coupling	325
❖ Vilsmeier Reaction	326
❖ Gattermann-Koch Reaction	327
❖ Problems	329
❖ Bibliography	330
CHAPTER 9	331
Aromatic Nucleophilic Substitution	331
❖ The $ArSN_1$, $ArSN_2$, Benzyne and S_RN_1 Mechanisms	331
❖ Reactivity – Effect of Substrate Structure, Leaving Group and Attacking Nucleophile	336
❖ The von Richter, Sommelet-Hauser, and Smiles Rearrangements	339
❖ Problems	343
❖ Bibliography	344

CHAPTER 10	345
Elimination Reactions	345
❖ The E ₂ , E ₁ and E ₁ CB Mechanisms	345
❖ Orientation of the Double Bond.....	348
❖ Reactivity – Effects of Substrate Structures, Attacking Base, the Leaving Group and The Medium	352
❖ Mechanism and Orientation in Pyrolytic Elimination.....	355
❖ Problems.....	358
❖ Bibliography	359
CHAPTER 11	360
Addition to Carbon-Carbon Multiple Bonds	360
❖ Mechanistic and Stereochemical Aspects of Addition Reactions Involving Electrophiles, Nucleophiles and Free Radicals.....	360
❖ Regio- and Chemoselectivity: Orientation and Reactivity	370
❖ Addition to Cyclopropane Ring	374
❖ Hydrogenation of Double and Triple Bonds	375
❖ Hydrogenation of Aromatic Rings.....	377
❖ Hydroboration	378
❖ Michael Reaction.....	379
❖ Sharpless Asymmetric Epoxidation	380
❖ Problems.....	382
❖ Bibliography	383
CHAPTER 12	384
Addition to Carbon-Hetero Multiple Bonds.....	384
❖ Mechanism of Metal Hydride Reduction of Saturated and Unsaturated Carbonyl Compounds, Acids, Esters and Nitriles	384
❖ Addition of Grignard Reagents, Organozinc and Organolithium Reagents to Carbonyl and Unsaturated Carbonyl Compounds	400
❖ Wittig Reaction.....	406
❖ Mechanism of Condensation Reactions Involving Enolates: Aldol, Knoevenagel, Claisen, Mannich, Benzoin, Perkin and Stobbe Reactions	411
❖ Hydrolysis of Esters and Amides.....	433
❖ Ammonolysis of Esters.....	437
❖ Problems.....	439
❖ Bibliography	440
INDEX.....	441

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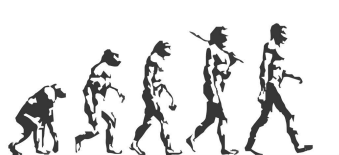
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INDEX

A

- Absolute Configuration, 96
- Acid Dyes, 241
- Acid-catalyzed Double Bond Migration, 307
- Addition Compounds, 65
- Addition to Carbon-Carbon Multiple Bonds,
360
- Addition to Carbon-Hetero Multiple Bonds,
384
- Addition to Cyclopropane Ring, 374
- Aldol Condensation, 411
- Aliphatic Electrophilic Substitution, 302
- Aliphatic Nucleophilic Substitution, 254
- Alizarin, 250
- Alternant and Non-Alternant Hydrocarbons,
35
- Ambident Nucleophiles, 294
- Amino Sugars, 229
- Ammonolysis of Esters, 437
- Anchimeric Assistance, 269
- Annulenes, 44
- Antiaromaticity, 46
- Anti-Markovnikov's Rule**, 371
- Arenium Ion Mechanism, 312
- Aromatic Electrophilic Substitution, 312
- Aromatic Nucleophilic Substitution, 331

Aromaticity, 33

ArSN₁ or Aryl Cation Mechanism, 331

ArSN₂ or Addition-Elimination Mechanism,
332

Aryne (Benzyne) or Elimination-Addition
Mechanism, 333

Asymmetric Synthesis, 113

B

Base-catalyzed Double Bond Migration, 307

Basic Dyes, 242

Benzenoid and Nonbenzenoid Compounds,
33

Benzoin Condensation, 424

Bonds Weaker Than Covalent, 58

Branch Chain Sugars, 230

C

Carbanions, 183

Carbenes, 194

Carbocation Rearrangements, 284

Carbocations, 176

Carbohydrates, 221

Catenanes, 75

Chiral Axis, 132

Chiral Plane, 135

Chirality, 81

Claisen Condensation, 418

Classical Carbocations, 272

Conformations of Cyclobutane, 118

Conformations of Cyclohexane, 120

Conformations of Cyclopentane, 119

Conformations of Cyclopropane, 116

Conformations of Sugars, 126

Conjugation, 14

Double Bond in Conjugation with a Double
Bond, 14

Double Bond in Conjugation with p-Orbital
on the Neighboring Atom, 15

Cram's Rule, 113

Cross Conjugation, 16

Crown Ether Complexes, 65

Cryptands, 65

Curtin-Hammett Principle, 164

Cyclodextrins, 65

D

Decalins, 122

Delocalized Chemical Bonding, 11

Deoxy Sugars, 227

Derivation of Hammett Equation, 203

Diastereomerism, 90

Diastereoselective Synthesis, 113

Diastereotopic Groups and Faces, 111

Diazonium Coupling, 325

Direct Dyes, 242

Disperse Dyes, 243

E

E₁ (Unimolecular Elimination) Mechanism,
346

E₁CB (Conjugate Base Elimination)
Mechanism, 347

E₂ (Bimolecular Elimination) Mechanism, 345

Effect of Structure on Reactivity, 200

Electron Donor-Acceptor Complexes, 65

Electrophilic Addition to Carbon-Carbon

Multiple Bond, 360

Electrophilic Substitution Accompanied by

Double Bond Shifts, 307

Elements of Symmetry, 86

Elimination Reactions, 345

Enantiotopic Groups and Faces, 109

F

Free Radical Addition to Carbon-Carbon

Multiple Bond, 367

Free Radicals, 189

G

Gattermann-Koch Reaction, 327

Geometrical Isomerism in Alkenes and

Oximes, 140

Grignard Reagents, 400

H

Hammett Equation, 203

Hammond's Postulate, 163

Hard and Soft Acids and Bases, 174

Helical Chirality, 137

Homoaromaticity, 48

Homotopic Groups and Faces, 107

Huckel's Rule, 37

Hydroboration, 378

Hydrogenation of Aromatic Rings, 377

Hydrogenation of Double and Triple Bonds,
375

Hydrolysis of Esters, 433

Hyperconjugation, 27

I

Inclusion Compounds, 65

Indigo, 248

Ingrain Dyes, 244

Interaction Between Dyes and Fibers, 245

Intermediates, 166

ipso-Attack, 319

Isotope Effects, 172

K

Kinetic and Thermodynamic Control, 161

Knoevenagel Condensation, 415

L

Leffler assumption, 163

M

Mannich Condensation, 421

Markovnikov's Rule, 370

Metal Hydride Reduction of Saturated and
Unsaturated Carbonyl Compounds, 384

Methods of Determining Mechanisms, 168

Methods of Determining the Configuration,
146

Methods of Resolution, 102

Michael Reaction, 379

Mixed SN_1 and SN_2 Mechanism, 257

Mordant Dyes, 245

N

Natural and Synthetic Dyes, 241

Naturally Occurring Sugars, 221

Neighbouring Group Mechanisms, 263

Nitrenes, 197

NMR Spectroscopy in the Detection of
Carbocations, 286

Non-Classical Carbocations, 280

Nucleophilic Addition to Carbon-Carbon
Multiple Bond, 364

O

Optical Activity in Absence of Chiral Carbon,
132

Optical Purity, 104

Organozinc and Organolithium Reagents, 400

Orientation in Other Ring Systems, 320

P

Perkin Condensation, 427

Phase Transfer Catalysis, 297

Phenonium Ions, 283

PMO Approach, 50

Potential Energy Diagrams, 166

Prelog's Rule, 114

Prochirality, 105

Pyrolytic Elimination, 355

R

Racemization, 102

Reactive Dyes, 243

Regioselectivity, 294

Relative Configuration, 92

Resonance, 18

Rotaxanes, 77

S

SE₁ Mechanism, 305

SE₂ (Substitution Electrophilic Bimolecular)

Mechanism, 302

SET (Single-Electron Transfer) Mechanism,

262

Sharpless Asymmetric Epoxidation, 380

Smiles Rearrangements, 341

SN₁ (Substitution Nucleophilic Unimolecular)

Mechanism, 255

SN₁' (Substitution Nucleophilic Unimolecular

Prime) Mechanism, 259

SN₂ (Substitution Nucleophilic Bimolecular)

Mechanism, 254

SN₂' (Substitution Nucleophilic Bimolecular

Prime) Mechanism, 260

SN_i (Substitution Nucleophilic Internal)

Mechanism, 258

SN_i' (Substitution Nucleophilic Internal Prime)

Mechanism, 261

Sommelet-Hauser Rearrangement, 340

Stereochemistry, 81

Stobbe Condensation, 430

Structure determination of cellulose, 238

Structure determination of lactose, 233

Structure determination of maltose, 232

Structure determination of starch, 236

Structure determination of sucrose, 235

Substituent and Reaction Constants, 209

Substitution Radical Nucleophilic

Unimolecular ($S_{RN}1$), 334

T

Tautomerism, 31

Thermodynamic and Kinetic Requirements,

159

Transition States, 166

Types of Mechanisms, 153

Types of Reactions, 156

V

Vat Dyes, 244

Vilsmeier Reaction, 326

Von Richter Reaction, 339

W

Wittig Reaction, 406



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