

Index

A

Alkyl Migratory Insertion

[4.3: Hydride and Alkyl Migratory Insertions](#)

Alkylidenes

[2.13: Multiple Bonds in Coordination Complexes](#)

C

catabolism

[7.1: An Overview of Metabolic Pathways - Catabolism](#)

Chelation

[2.4: Chelation](#)

Claisen condensation

[5.3: Additional Problems](#)

[5.4: Solutions For Selected Problems](#)

[5.11: Enolates - Claisen Condensation and](#)

Decarboxylation

[5.12: Condensation Polymers and Ring-Opening](#)

[Trans-Esterification Polymerisation](#)

[5.13: Peptide and Protein Synthesis](#)

Claisen Decarboxylation

[5.3: Additional Problems](#)

[5.4: Solutions For Selected Problems](#)

[5.11: Enolates - Claisen Condensation and](#)

Decarboxylation

[5.12: Condensation Polymers and Ring-Opening](#)

[Trans-Esterification Polymerisation](#)

[5.13: Peptide and Protein Synthesis](#)

E

Enolates

[5.1: Biosynthesis of Proteins and Peptides](#)

[5.3: Additional Problems](#)

[5.4: Solutions For Selected Problems](#)

[5.11: Enolates - Claisen Condensation and](#)

Decarboxylation

[5.12: Condensation Polymers and Ring-Opening](#)

[Trans-Esterification Polymerisation](#)

[5.13: Peptide and Protein Synthesis](#)

F

Fatty Acid Synthesis

[10.1: Overview of Fatty Acid Synthesis](#)

G

gluconeogenesis

[8.10: Gluconeogenesis](#)

glycolysis

[8.2: Overview of Glycolysis](#)

H

Hapticity

[2.6: Hapticity](#)

hard acids

[2.7: Hard and Soft Acid and Base Concepts](#)

Hard and Soft Acids and Bases (HSAB)

[2.7: Hard and Soft Acid and Base Concepts](#)

heat of formation

[1.8: Hess' Law](#)

[1.9: Solutions to Selected Problems](#)

Hess' Law

[1.8: Hess' Law](#)

[1.9: Solutions to Selected Problems](#)

homologation

[10.2: Transformations in Fatty Acid Synthesis](#)

Hydride Insertion

[4.3: Hydride and Alkyl Migratory Insertions](#)

K

Krebs cycle

[9.2: Transformations in the TCA Cycle](#)

L

Ligand Field Stabilization Energy

[2.9: Ligand Field Stabilization Energy](#)

O

organic oxidation

[3.12: Organic Oxidation](#)

P

pharmacophore

[6.4: Enzyme Inhibition](#)

R

reversible inhibitors

[6.4: Enzyme Inhibition](#)

S

Scission

[8.4: Mechanisms of Phase One - Scission](#)

Soft Acids

[2.7: Hard and Soft Acid and Base Concepts](#)

spectrochemical series

[2.10: Spectrochemical Series](#)

W

Wilkinson's catalyst

[2.1: Introduction](#)

Y

Ylides

[3.13: Addition of Ylides](#)