This is a textbook map of the Smiths's famous "Organic Chemistry" textbook. It is not a copy of the original textbook, but is mapped to content on the Libretexs to simulate it.

- **Chapter 1: Structure and Bonding**

![Structure and Bonding Diagram](image1)

- **Chapter 2: Acids and Bases**

![Acids and Bases Diagram](image2)

- **Chapter 3: Introduction to Organic Molecules and Functional Groups**

![Organic Molecules and Functional Groups Diagram](image3)

- **Chapter 4: Alkanes**

![Alkanes Diagram](image4)
Chapter 5: Stereochemistry

Chapter 6: Understanding Organic Reactions

Chapter 7: Alkyl Halides and Nucleophilic Substitution

Chapter 8: Alkyl Halides and Elimination Reactions
Chapter 9: Alcohols, Ethers, and Epoxides

- Chapter 10: Alkenes

- Chapter 11: Alkynes

- Chapter 12: Oxidation and Reduction

- Chapter 15: Radical Reactions
Chapter 16: Conjugation, Resonance, & Dienes

• Chapter 17: Benzene and Aromatic Compounds

• Chapter 18: Electrophilic Aromatic Substitution

• Chapter 19: Carboxylic Acids and the Acidity of the O–H Bond

• Chapter 20: Introduction to Carbonyl Chemistry; Organometallic Reagents; Oxidation and Reduction

An Ylide

• Chapter 21: Aldehydes and Ketones—Nucleophilic Addition
Chapter 22: Carboxylic Acids and Their Derivatives—Nucleophilic Acyl Substitution

\[
\text{OR} \quad \text{OR'}
\]

Chapter 23: Substitution Reactions of Carbonyl Compounds at the Alpha Carbon

\[
\text{HO} \quad \text{O} \\
\text{H}_3\text{C} \quad \text{C} \quad \text{C} \quad \text{CH}_3 \\
\text{H}_3\text{C} \quad \text{C} \quad \text{CH}_2
\]

Chapter 24: Carbonyl Condensation Reactions

\[
\text{R'} \quad \text{H} \\
\text{H}
\]

Chapter 25: Amines

\[
\begin{bmatrix}
\text{CH}_3 \\
\text{CH}_2
\end{bmatrix}^n
\]

Chapter 31: Synthetic Polymers