An organic chemistry Textmap organized around the textbook

**Organic Chemistry**

by John McMurry

This is a textbook map of the McMurray's "Organic Chemistry" textbook. As with all Textmaps, it is not a copy of the original textbook, but is a map of comparable content on the Libretexts to recreated the flow.

- Front Matter

- 1: Structure and Bonding

- 2: Polar Covalent Bonds; Acids and Bases
3: Organic Compounds- Alkanes and Their Stereochemistry

4: Organic Compounds- Cycloalkanes and their Stereochemistry

5: Stereochemistry at Tetrahedral Centres

6: An Overview of Organic Reactions
7: Alkenes - Structure and Reactivity

8: Alkenes - Reactions and Synthesis

9: Alkynes - An Introduction to Organic Synthesis

10: Organohalides
11: Reactions of Alkyl Halides- Nucleophilic Substitutions and Eliminations

12: Structure Determination- Mass Spectrometry and Infrared Spectroscopy

13: Structure Determination - Nuclear Magnetic Resonance Spectroscopy

14: Conjugated Compounds and Ultraviolet Spectroscopy
15: Benzene and Aromaticity

- 16: Chemistry of Benzene - Electrophilic Aromatic Substitution

- 17: Alcohols and Phenols

- 18: Ethers and Epoxides; Thiols and Sulfides
19: Aldehydes and Ketones - Nucleophilic Addition Reactions

20: Carboxylic Acids and Nitriles

21: Carboxylic Acid Derivatives - Nucleophilic Acyl Substitution Reactions

22: Carbonyl Alpha-Substitution Reactions
23: Carbonyl Condensation Reactions

24: Amines and Heterocycles

25: Biomolecules- Carbohydrates

26: Biomolecules- Amino Acids, Peptides, and Proteins
27: Biomolecules - Lipids

28: Biomolecules - Nucleic Acids

Back Matter