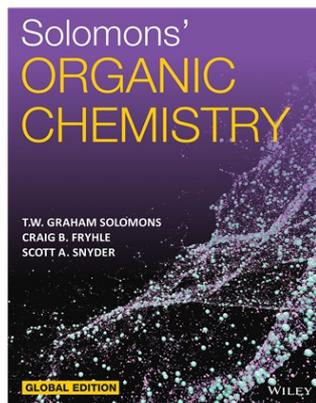


Solomons' Organic Chemistry, Global Edition

T. W. Graham Solomons, Craig B. Fryhle & Scott A. Snyder



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About the Book

The Global Edition of Organic Chemistry continues Solomons, Fryhle & Snyder's tradition of excellence in teaching and preparing students for success in the organic classroom and beyond.

A central theme of the authors' approach to organic chemistry is to emphasize the relationship between structure and reactivity. To accomplish this, the content is organized in a way that combines the most useful features of a functional group approach with one largely based on reaction mechanisms. The authors' philosophy is to emphasize mechanisms and their common aspects as often as possible, and at the same time, use the unifying features of functional groups as the basis for most chapters. The structural aspects of the authors' approach show students what organic chemistry is. Mechanistic aspects of their approach show students how it works. And wherever an opportunity arises, the authors' show students what it does in living systems and the physical world around us.

Salient Features

- Mechanisms showing how reactions work
- Solved problems to learn where to begin
- Practice problems to reinforce learning
- Ability to draw structural formulas quickly and correctly
- Increased emphasis on multistep synthesis
- Strong balance of synthetic methods
- "Why do these topics matter" feature at the end of each chapter
- "How to" sections to master important skills
- "The chemistry of" feature provides interesting and targeted examples
- Summary and review tools at the end of each chapter
- Special topics
- Key ideas as bullet points

Table of Contents

1. The Basics: Bonding and Molecular Structure
2. Families of Carbon Compounds: Functional Groups, Intermolecular Forces, Infrared (IR) Spectroscopy
3. Acids And Bases: An Introduction to Organic Reactions and their Mechanisms
4. Nomenclature and Conformations of Alkanes and Cycloalkanes
5. Stereochemistry: Chiral Molecules
6. Nucleophilic Reactions: Properties and Substitution Reactions of Alkyl Halides
7. Alkenes and Alkynes I: Properties and Synthesis. Elimination Reactions of Alkyl Halides
8. Alkenes and Alkynes II: Addition Reactions
9. Nuclear Magnetic Resonance and Mass Spectrometry: Tools for Structure Determination
10. Radical Reactions
11. Alcohols and Ethers: Synthesis and Reactions
12. Alcohols From Carbonyl Compounds: Oxidation-Reduction and Organometallic compounds
13. Conjugated Unsaturated Systems
14. Aromatic Compounds
15. Reactions of Aromatic Compounds
16. Aldehydes and Ketones: Nucleophilic Addition to the Carbonyl Group

17. Carboxylic Acids and Their Derivatives: Nucleophilic Addition- Elimination at the Acyl Carbon
 18. Reactions at the a Carbon of Carbonyl Compounds: Enols and Enolates
 19. Condensation and Conjugate Addition Reactions of Carbonyl Compounds: More Chemistry of Enolates
 20. Amines
 21. Transition Metal Complexes: Promoters of Key Bond-Forming Reactions
 22. Carbohydrates
 23. Lipids
 24. Amino Acids and Proteins
 25. Nuclear Acids and Protein Synthesis
- Answers to Selected Problems
- Glossary
- Index.
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About the Author

T. W. Graham Solomons :- became a charter member of the faculty of the University of South Florida and became Professor of Chemistry in 1973. In 1992 he was made Professor Emeritus. His research interests have been in areas of heterocyclic chemistry and unusual aromatic compounds. He has published papers in the Journal of the American Chemical Society, the Journal of Organic Chemistry, and the Journal of Heterocyclic Chemistry. He has received several awards for distinguished teaching.

Craig B. Fryhle :- has experiences at these institutions shaped his dedication to mentoring undergraduate students in chemistry and the liberal arts, which is a passion that burns strongly for him. His research interests have been in areas relating to the shikimic acid pathway, including molecular modeling and NMR spectrometry of substrates and analogues, as well as structure and reactivity studies of shikimate pathways enzymes using isotopic labeling and mass spectrometry.

Scott A. Snyder :- grew up in the suburbs of Buffalo, NY, where his interests in science, particularly chemistry, were forged in high school by a variety of experiences including three summers of research in a biochemistry lab at the State University of New York at Buffalo and an opportunity to attend the United States National Study Camp for the International Chemistry Olympiad.