DESCRIPTION

This book differs from other organic chemistry textbooks in that it is not focused purely on the needs of students studying premed, but rather for all students studying organic chemistry. It directs the reader to question present assumptions rather than to accept what is told, so the second chapter is largely devoted to spectroscopy (rather than finding it much later on as with most current organic chemistry textbooks). Additionally, after an introduction to spectroscopy, thermodynamics and kinetics, the presentation of structural information of compounds and organic families advances from hydrocarbons to alcohols to aldehydes and ketones and, finally, to carboxylic acids.

ABOUT THE AUTHOR

David R. Dalton received his Ph.D. in Organic Chemistry from the University of California, Los Angeles and is a professor at Temple University. He has held visiting professorships at (1972-1973) Israel Institute of Technology (Technion), Haifa, Israel; (1976-1977) Yale University, New Haven, Connecticut; (1988-1989) Bryn Mawr College, Bryn Mawr, Pennsylvania and, in 1992, he was The Visiting Master Teacher in Residence, Clemson University, Clemson, South Carolina.
FEATURES

• Includes broad coverage of all topics relevant to organic chemistry

• Suitable for chemistry majors rather than just pre-med students, setting it apart from other competing textbooks

• Directs the reader to question present assumptions rather than to accept what is told, unlike other books that stress uncritical thinking and applications

• Provides an easy-to-use one volume textbook for all students of chemistry

• Discusses thermodynamics and kinetics, the structural information advances from hydrocarbons to alcohols to aldehydes and ketones and, finally, to carboxylic acids

• Devotes almost an entire chapter to spectroscopy early on in the text, as opposed to similar texts that include it much later

For additional product details, please visit https://www.wiley.com/en-us