DESCRIPTION

The most up-to-date single reference on ketene chemistry for the practicing researcher

Ketenes are valued by both practicing organic synthetic chemists and pharmaceutical researchers for their ease of preparation, high reactivity, and versatility of use.

Ketenes, Second Edition is an updated version of the premier resource on this important class of compounds, and features a comprehensive, self-contained guide to all aspects of ketene chemistry, including:

• Types of ketenes

• Theoretical studies

• Thermochemistry

• Ketene preparation

• Reactions, including mechanisms and synthetic applications

• Spectroscopy and physical properties
While retaining much of the vital information presented in the original text, the Second Edition covers all advances made from 1995 to the present, including updates from the literature; over 1,000 new references; and new sections on cycloaddition reactions, ketenes from esters, ketene reactions using polymer supports, and oxoquinone methides.

ABOUT THE AUTHOR

THOMAS T. TIDWELL, PhD, is a Professor of Chemistry at the University of Toronto.

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