DESCRIPTION

This is a complete examination of the theory and methods of modern olefin metathesis, one of the most widely used chemical reactions in research and industry.

• Provides basic information for non-specialists, while also explaining the latest trends and advancements in the field to experts

• Discusses the various types of metathesis reactions, including CM, RCM, enyne metathesis, ROMP, and tandem processes, as well as their common applications

• Outlines the tools of the trade—from the important classes of active metal complexes to optimal reaction conditions—and suggests practical solutions for common reaction problems

• Includes tables with structures of commercial catalysts, and recommendations for commercial catalyst suppliers

ABOUT THE AUTHOR

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