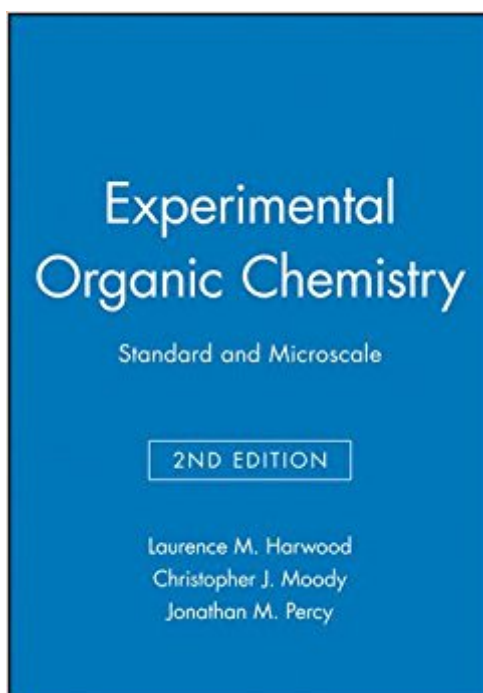


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Experimental Organic Chemistry: Standard And Microscale



Synopsis

This established text continues to provide a rigorous account of the principles and practice of experimental organic chemistry, taking students from their first day in the laboratory right through to research work. New to this edition, a microscale approach has been integrated into the entire text, alongside conventional manipulations, bringing it in line with current laboratory practice. Maintaining the unique structure of the previous edition, the first half of the book surveys all aspects of safe laboratory practice and the use of a wide range of purification and analytical techniques, particularly spectroscopic analysis. The second half contains easy-to-follow experimental procedures, each designed to illustrate an important reaction type or basic principle of organic chemistry. Tried and tested over the past decade, these experiments are graded according to their complexity and many of these have microscale equivalents. Of prime importance, all aspects of health and safety in the laboratory have been updated according to the latest guidelines and are highlighted throughout the text.

Book Information

Paperback: 726 pages

Publisher: Wiley-Blackwell; 2 edition (December 29, 1998)

Language: English

ISBN-10: 0632048190

ISBN-13: 978-0632048199

Product Dimensions: 7.5 x 1.3 x 9.7 inches

Shipping Weight: 3.8 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 3 customer reviews

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