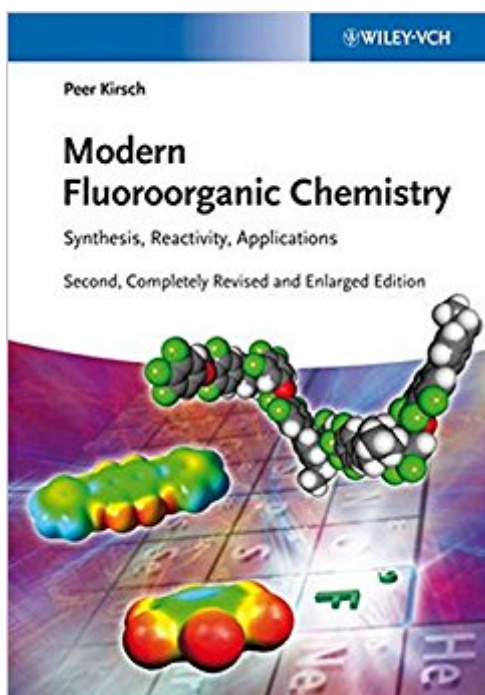


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Modern Fluoroorganic Chemistry: Synthesis, Reactivity, Applications



Synopsis

The second edition of this classic reference work has been completely revised and updated, as well as being enlarged by 20% to reflect the latest developments in synthetic organic fluorine chemistry, taking into account new applications in materials science and medicinal chemistry. The new developments in transition-metal-catalyzed methods for the introduction of fluorine and fluorinated groups are discussed. In addition, new chapters have been added on such important applications as organic electronics (OLEDs) and fluorinated dyes. Appendices containing synthetic procedures and conversions round off this comprehensive work. This work is a valuable reference for fluorine chemists that also provides nonspecialists with an introduction to the field. From reviews of the first edition: "... a well-produced book with attractive graphics, photos and schemes. Throughout the book, coloured electrostatic maps of small organofluorine compounds are used to illustrate charge distributions. These are effective as well as attractive. I would point any organic chemist to this book who wants to learn about and do some fluorine chemistry. It provides uncluttered descriptions and a clear orientation to the literature in this important area of the organic chemistry." CHEMBIOCHEM - A European Journal of Chemical Biology

Book Information

Hardcover: 384 pages

Publisher: Wiley-VCH; 2 edition (April 15, 2013)

Language: English

ISBN-10: 3527331662

ISBN-13: 978-3527331666

Product Dimensions: 6.9 x 1 x 9.8 inches

Shipping Weight: 2 pounds (View shipping rates and policies)

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