



Modern Fluoroorganic Chemistry: Synthesis, Reactivity, Applications

By Peer Kirsch

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In this handbook, Peer Kirsch clearly shows that this exciting field is no longer an exotic area of research. Aimed primarily at synthetic chemists wanting to gain a deeper understanding of the fascinating implications of including the highly unusual element fluorine in organic compounds, the main part of the book presents a wide range of synthetic methodologies and the experimental procedures selected undeniably show that this can be done with standard laboratory equipment. To round off, the author looks at fluorous chemistry and the applications of organofluorine compounds in liquid crystals, polymers and more besides. This long-awaited book represents an indispensable source of high quality information for everyone working in the field.

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Editorial Review

Review

"... 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*)

From the Back Cover

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About the Author

Peer Kirsch received his PhD under the supervision of Prof. Staab at the Max Planck Institute for Medical Research in Heidelberg. He joined the Liquid Crystal Division of Merck KGaA in 1995 and his research interest is the application of fluorine chemistry for the design and synthesis of liquid crystals.

Users Review

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William Riser:

A lot of people always spent all their free time to vacation or maybe go to the outside with their household or their friend. Were you aware? Many a lot of people spent these people free time just watching TV, or maybe playing video games all day long. If you would like to try to find a new activity that's look different you can read any book. It is really fun for you. If you enjoy the book that you simply read you can spent the whole day to reading a publication. The book Modern Fluoroorganic Chemistry: Synthesis, Reactivity, Applications it is extremely good to read. There are a lot of individuals who recommended this book. These were enjoying reading this book. In case you did not have enough space bringing this book you can buy the particular e-book. You can more simply to read this book from a smart phone. The price is not too costly but this book features high quality.

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Erick Graf:

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