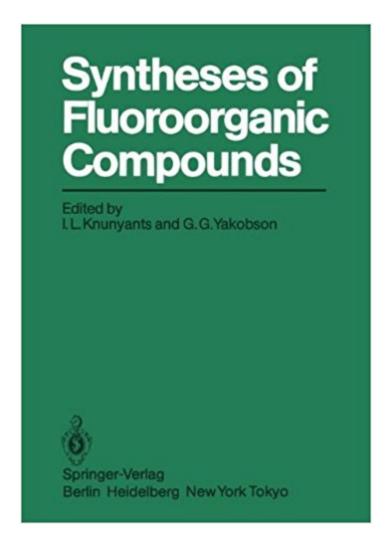


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Syntheses Of Fluoroorganic Compounds





Synopsis

Recently there has been a tremendous growth in the chemistry of fluoroorganic compounds, which find wide application in various fields of technique and are used to solve some basic theoretical problems. The chemical properties of these compounds are rather specific, as well as the methods for their preparation. We realized that no good handbooks on the preparation offluoroÂ- organic compounds were available, whereas the methods of preÂ- paration are scattered in numerous scientific papers and patents. Even such a well-known publication as Organic Syntheses contains just a few methods of preparation of fluoroorganic compounds. As a consequence, not only for newcomers but even for specialists, searching for simple and convenient methods for the preparation of the required compounds is tedious. To alleviate the problem, we undertook to prepare this book, which presents detailed preparation methods of more than 300 flu oro organic compounds. Emphasis has been laid on syntheses of polyfluorinated compounds, since they are of major interest with respect to preparation and utility. Preparation of fluoroorganic compounds is based both on the classical methods of organic chemistry and on the specific ones, which is due to the difficulty or even impossibility of the direct introduction of fluorine into a definite position of organic moleÂ- cule. Most organic compounds of fluorine are prepared by a sucÂ- cession of conversions of a relatively small number of starting compounds.

Book Information

Paperback: 302 pages

Publisher: Springer; Softcover reprint of the original 1st ed. 1985 edition (December 6, 2011)

Language: English

ISBN-10: 3642702090

ISBN-13: 978-3642702099

Product Dimensions: 6.7 x 0.7 x 9.6 inches

Shipping Weight: 1 pounds (View shipping rates and policies)

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