



Process Development: Fine Chemicals from Grams to Kilograms

By Stan Lee, Graham Robinson, Robinson Lee

Oxford University Press, United Kingdom, 1995. Paperback. Book Condition: New. 242 x 186 mm. Language: English . Brand New Book ***** Print on Demand *****. Process development bridges the gap between the laboratory synthesis of an organic compound and its industrial manufacture on a large scale. In this concise text the authors use real examples to show the problems which may be encountered in scaling up chemical syntheses and the ways in which these problems may be overcome. The major part of the book is devoted to genuine case histories from ICI/Zeneca Pharmaceuticals. Through a range of carefully chosen examples, the book explains how it is possible to synthesise multi-kilogram quantities of a new organic compound which have been made in the laboratory only on the milligram scale. A wide range of aliphatic, aromatic, and heterocyclic compounds is covered. The book will be of particular value to research chemists who are involved in the development phase of novel compounds and to advanced undergraduate and postgraduate students interested in the fine chemicals industry.



Reviews

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