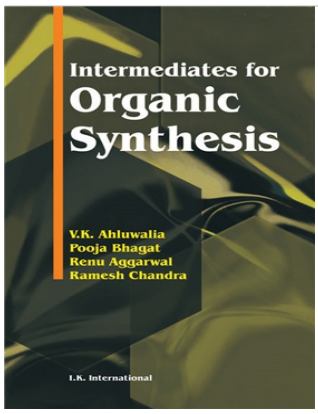
Book Information Sheet



Intermediates for Organic Synthesis, 1/e

V.K. Ahluwalia, Pooja Bhagat, Ramesh Chandra & Renu Aggarwal

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About the Book

The intermediates described in this book include different types of phenols, aldehydes, carboxylic acids and ketones (acetophenones, w-substituted acetophenones, propiophenones, butyrophenones, benzophenones, phenyl ketones and some miscellaneous ketones). The preparation of heterocyclic compounds (O-containing, S-containing, N-containing, N & S-containing) is also described. The synthesis of certain miscellaneous compounds of the type benzyl cyanides, b-ketoesters, chalcones, naphthaquinones, benzoquinones, stilbene and certain catalysts and reagents required for organic synthesis are also described. The present book aims to make available detailed procedures for the synthesis of various intermediates, which are generally required by organic chemists working in various universities, industries and by the research scholars at different levels. No single publication is available describing the intermediates required for organic synthesis. Attempt has been made to describe the best possible procedures with ample experimental details keeping in mind the maximum yield. The authors and their associates have verified all the procedures described.

Salient Features

- Presents procedures for the synthesis of various intermediates, viz., phenols, aldehydes, carboxylic acids, ketones, heterocyclic compounds, and miscellaneous compounds.
- Describes the best possible procedures with ample experimental details, in a well laid out step-by-step manner.
- All the reactions have been represented with the structural diagrams of the compounds along with their IUPAC names.

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- Phenols
- Aldehydes
- Carboxylic Acids
- Ketones
- Heterocyclic Compounds
- Miscellaneous Compounds

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