



Signposts to Chiral Drugs: Organic Synthesis in Action

Vitomir Sunjic, Michael J. Parnham

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Highlighting 15 selected chiral structures, which represent candidate or marketed drugs, and their chemical syntheses, the authors acquaint the reader with the fascinating achievements of synthetic and medicinal chemistry.

The book starts with an introduction treating the discovery and development of a new drug entity. Each of the 15 subsequent chapters presents one of the target structures and begins with a description of its biological profile as well as any known molecular mechanisms of action, underlining the importance of its structural and stereochemical features. This section is followed by detailed discussions of synthetic approaches to the chiral target structure, highlighting creative ideas, the scaling-up of laboratory methods and their replacement by efficient modern technologies for large-scale production. Nearly 60 synthetic reactions, most of them stereoselective, catalytic or biocatalytic, as well as chiral separating methodologies are included in the book.

Vitomir Sunjic and Michael J. Parnham provide an invaluable source of information for scientists in academia and the pharmaceutical industry who are actively engaged in the interdisciplinary development of new drugs, as well as for advanced students in chemistry and related fields.



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This Signposts to Chiral Drugs: Organic Synthesis in Action book is not really ordinary book, you have after that it the world is in your hands. The benefit you have by reading this book is usually information inside this book incredible fresh, you will get info which is getting deeper you actually read a lot of information you will get. This specific Signposts to Chiral Drugs: Organic Synthesis in Action without we recognize teach the one who reading through it become critical in imagining and analyzing. Don't end up being worry Signposts to Chiral Drugs: Organic Synthesis in Action can bring any time you are and not make your handbag space or bookshelves' turn into full because you can have it inside your lovely laptop even telephone. This Signposts to Chiral Drugs: Organic Synthesis in Action having fine arrangement in word along with layout, so you will not truly feel uninterested in reading.

Claudia Butler:

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Sarah Heath:

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