



Medicinal Chemistry: An Introduction

By Gareth Thomas

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Medicinal Chemistry: An Introduction, Second Edition provides a comprehensive, balanced introduction to this evolving and multidisciplinary area of research. Building on the success of the First Edition, this edition has been completely revised and updated to include the latest developments in the field.

Written in an accessible style, *Medicinal Chemistry: An Introduction, Second Edition* carefully explains fundamental principles, assuming little in the way of prior knowledge. The book focuses on the chemical principles used for drug discovery and design covering physiology and biology where relevant. It opens with a broad overview of the subject with subsequent chapters examining topics in greater depth.

From the reviews of the First Edition:

"It contains a wealth of information in a compact form" ANGEWANDTE CHEMIE, INTERNATIONAL EDITION

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Editorial Review

Review

"...it would be of great value to beginning graduate students in medicinal chemistry...it should be included in any practicing chemist's personal library." (*Journal of Medicinal Chemistry*, July 29, 2004)

"Thomas presents the fundamentals of medicinal chemistry in a clear, concise, and descriptive fashion." (*Choice*, June 2004, Vol. 41 No. 10)

"...provides a concise introduction to the chemistry of therapeutically active compounds, written in a readable and accessible style..." (www.organische-chemie.ch, 19/01/2004)

"...well laid out, with an attractive typeface." (*Chemistry and Industry*, 6th September 2004)

From the Back Cover

Fundamentals of Medicinal Chemistry is a concise introduction to the chemistry of therapeutically active compounds, written in a readable and accessible style. Starting with a review of the structures and nomenclature of the more common classes of naturally occurring compounds found in biological organisms, the text then covers the discovery and design of drugs, pharmacokinetics and drug metabolism. The book concludes with a chapter on organic synthesis, followed by a brief look at drug development from the research stage through to marketing of the final product.

The text assumes little in the way of prior biological knowledge and only a basic chemical knowledge. Relevant biology is included through biological topics, examples and in the Appendices.

- A concise introduction to the essentials of medicinal chemistry
- Assumes little prior knowledge of biology.
- Incorporates summary sections, examples, applications and problems, along with their solutions.
- Invaluable for undergraduates studying within the chemical, pharmaceutical and life sciences.

Users Review

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Kimberly Langdon:

As people who live in often the modest era should be upgrade about what going on or information even knowledge to make these keep up with the era and that is always change and move forward. Some of you maybe will probably update themselves by reading books. It is a good choice for you personally but the problems coming to anyone is you don't know which you should start with. This Medicinal Chemistry: An Introduction is our recommendation to make you keep up with the world. Why, as this book serves what you want and need in this era.

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Cory Thomas:

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