



Medicinal Chemistry: An Introduction

By Gareth Thomas

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Medicinal Chemistry: An Introduction By Gareth Thomas

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

"Medicinal Chemistry is certainly a text I would chose to teach from for undergraduates. It fills a unique niche in the market place." PHYSICAL SCIENCES AND EDUCATIONAL REVIEWS

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- Sales Rank: #1284597 in eBooks
- Published on: 2009-05-18
- Released on: 2009-05-18
- Format: Kindle eBook



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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

From reader reviews:

George Carter:

Information is provisions for individuals to get better life, information today can get by anyone on everywhere. The information can be a understanding or any news even restricted. What people must be consider while those information which is within the former life are difficult to be find than now could be taking seriously which one is suitable to believe or which one the particular resource are convinced. If you get the unstable resource then you buy it as your main information you will have huge disadvantage for you. All those possibilities will not happen within you if you take Medicinal Chemistry: An Introduction as your daily resource information.

Susan Williams:

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Rufus George:

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Ruth Haddock:

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