



## Pharmacophores and Pharmacophore Searches (Methods and Principles in Medicinal Chemistry, Vol. 32)

From Brand: Wiley-VCH

Download now

Read Online 

### Pharmacophores and Pharmacophore Searches (Methods and Principles in Medicinal Chemistry, Vol. 32) From Brand: Wiley-VCH

This handbook is the first to address the practical aspects of this novel method. It provides a complete overview of the field and progresses from general considerations to real life scenarios in drug discovery research. Starting with an introductory historical overview, the authors move on to discuss ligand-based approaches, including 3D pharmacophores and 4D QSAR, as well as the concept and application of pseudoreceptors. The next section on structure-based approaches includes pharmacophores from ligand-protein complexes, FLIP and 3D protein-ligand binding interactions. The whole is rounded off with a complete section devoted to applications and examples, including modeling of ADME properties. With its critical evaluation of pharmacophore-based strategies, this book represents a valuable aid for project leaders and decision-makers in the pharmaceutical industry, as well as pharmacologists, and medicinal and chemists.

 [Download Pharmacophores and Pharmacophore Searches \(Methods ...pdf](#)

 [Read Online Pharmacophores and Pharmacophore Searches \(Metho ...pdf](#)

# Pharmacophores and Pharmacophore Searches (Methods and Principles in Medicinal Chemistry, Vol. 32)

*From Brand: Wiley-VCH*

## **Pharmacophores and Pharmacophore Searches (Methods and Principles in Medicinal Chemistry, Vol. 32) From Brand: Wiley-VCH**

This handbook is the first to address the practical aspects of this novel method. It provides a complete overview of the field and progresses from general considerations to real life scenarios in drug discovery research. Starting with an introductory historical overview, the authors move on to discuss ligand-based approaches, including 3D pharmacophores and 4D QSAR, as well as the concept and application of pseudoreceptors. The next section on structure-based approaches includes pharmacophores from ligand-protein complexes, FLIP and 3D protein-ligand binding interactions. The whole is rounded off with a complete section devoted to applications and examples, including modeling of ADME properties. With its critical evaluation of pharmacophore-based strategies, this book represents a valuable aid for project leaders and decision-makers in the pharmaceutical industry, as well as pharmacologists, and medicinal and chemists.

## **Pharmacophores and Pharmacophore Searches (Methods and Principles in Medicinal Chemistry, Vol. 32) From Brand: Wiley-VCH Bibliography**

- Sales Rank: #4919232 in Books
- Brand: Brand: Wiley-VCH
- Published on: 2006-10-30
- Original language: English
- Number of items: 1
- Dimensions: 9.63" h x .95" w x 6.97" l, 1.10 pounds
- Binding: Hardcover
- 395 pages

 [Download Pharmacophores and Pharmacophore Searches \(Methods ...pdf](#)

 [Read Online Pharmacophores and Pharmacophore Searches \(Metho ...pdf](#)

## **Editorial Review**

### Review

‘With its critical evaluation of pharmacophore-based strategies, this book represents a valuable aid...’  
(*Anticancer Research*, 2007)

### From the Back Cover

In their search for new drugs, medicinal chemists are trying to pinpoint and optimize only the active part of a pharmaceutical substance, without interference from other parts of the molecule. The "pharmacophore" is a virtual representation of the active part of a drug that enables them to do just that. Once identified, pharmacophores can then be used for the screening of drug libraries and drug targets to find novel active substances that can be developed into drugs.

This handbook is the first to address the practical aspects of this novel method. It provides a complete overview of the field, progressing from general considerations to real life scenarios in drug discovery research.

Starting with an introductory historical overview, the authors move on to discuss ligand-based approaches, including 3D pharmacophores and 4D QSAR, as well as the concept and application of pseudoreceptors. The next section on structure-based approaches includes pharmacophores from ligand-protein complexes, FLIP and 3D protein-ligand binding interactions. The whole is rounded off with a complete section devoted to applications and examples, including modeling of ADME properties.

With its critical evaluation of pharmacophore-based strategies, this book represents a valuable aid for project leaders and decision-makers in the pharmaceutical industry, as well as pharmacologists, and medicinal and organic chemists.

### About the Author

**Thierry Langer** (b. 1962) is heading the Computer Aided Molecular Design Group at the University of Innsbruck (Tyrol, Austria). After his pharmacy M.S. degree (1987) he obtained a Ph.D. degree in organic chemistry at the University of Vienna (Austria) in 1991. He then spent one year as a post-doc fellow at the Université de Louis Pasteur (Strasbourg, France) with C. G. Wermuth. In 1992 he moved to the University of Innsbruck, where he established the molecular modeling group. Since 1997 he is associate professor for pharmaceutical chemistry.

In addition to his academic appointments, he is also the founder and CEO of the Inteligand, a company specialized in providing computational services for the pharmaceutical industry.

Professor Langer's main research interests are focused on theoretical pharmaceutical chemistry, drug design, and pharmacophore modeling using molecular modeling techniques as well as QSAR and 3D-QSAR.

## **Users Review**

### **From reader reviews:**

#### **Ruth Graham:**

The book *Pharmacophores and Pharmacophore Searches (Methods and Principles in Medicinal Chemistry,*

Vol. 32) make you feel enjoy for your spare time. You need to use to make your capable considerably more increase. Book can to be your best friend when you getting tension or having big problem using your subject. If you can make examining a book Pharmacophores and Pharmacophore Searches (Methods and Principles in Medicinal Chemistry, Vol. 32) to be your habit, you can get much more advantages, like add your capable, increase your knowledge about some or all subjects. You can know everything if you like available and read a guide Pharmacophores and Pharmacophore Searches (Methods and Principles in Medicinal Chemistry, Vol. 32). Kinds of book are several. It means that, science publication or encyclopedia or others. So , how do you think about this publication?

### **Robert Hollinger:**

The feeling that you get from Pharmacophores and Pharmacophore Searches (Methods and Principles in Medicinal Chemistry, Vol. 32) is the more deep you looking the information that hide into the words the more you get considering reading it. It does not mean that this book is hard to know but Pharmacophores and Pharmacophore Searches (Methods and Principles in Medicinal Chemistry, Vol. 32) giving you thrill feeling of reading. The writer conveys their point in selected way that can be understood through anyone who read this because the author of this publication is well-known enough. This specific book also makes your vocabulary increase well. Therefore it is easy to understand then can go to you, both in printed or e-book style are available. We propose you for having that Pharmacophores and Pharmacophore Searches (Methods and Principles in Medicinal Chemistry, Vol. 32) instantly.

### **Edward Crosley:**

Hey guys, do you wants to finds a new book to learn? May be the book with the name Pharmacophores and Pharmacophore Searches (Methods and Principles in Medicinal Chemistry, Vol. 32) suitable to you? The actual book was written by well-known writer in this era. The particular book untitled Pharmacophores and Pharmacophore Searches (Methods and Principles in Medicinal Chemistry, Vol. 32)is one of several books that everyone read now. This kind of book was inspired many people in the world. When you read this guide you will enter the new dimensions that you ever know just before. The author explained their idea in the simple way, consequently all of people can easily to be aware of the core of this guide. This book will give you a lot of information about this world now. To help you to see the represented of the world with this book.

### **Alberto Redden:**

The publication untitled Pharmacophores and Pharmacophore Searches (Methods and Principles in Medicinal Chemistry, Vol. 32) is the reserve that recommended to you you just read. You can see the quality of the guide content that will be shown to you actually. The language that article author use to explained their way of doing something is easily to understand. The article author was did a lot of study when write the book, to ensure the information that they share to you is absolutely accurate. You also could get the e-book of Pharmacophores and Pharmacophore Searches (Methods and Principles in Medicinal Chemistry, Vol. 32) from the publisher to make you a lot more enjoy free time.

**Download and Read Online Pharmacophores and Pharmacophore Searches (Methods and Principles in Medicinal Chemistry, Vol. 32)  
From Brand: Wiley-VCH #IQYU52E8LSR**

## **Read Pharmacophores and Pharmacophore Searches (Methods and Principles in Medicinal Chemistry, Vol. 32) From Brand: Wiley-VCH for online ebook**

Pharmacophores and Pharmacophore Searches (Methods and Principles in Medicinal Chemistry, Vol. 32) From Brand: Wiley-VCH Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Pharmacophores and Pharmacophore Searches (Methods and Principles in Medicinal Chemistry, Vol. 32) From Brand: Wiley-VCH books to read online.

## **Online Pharmacophores and Pharmacophore Searches (Methods and Principles in Medicinal Chemistry, Vol. 32) From Brand: Wiley-VCH ebook PDF download**

**Pharmacophores and Pharmacophore Searches (Methods and Principles in Medicinal Chemistry, Vol. 32) From Brand: Wiley-VCH Doc**

**Pharmacophores and Pharmacophore Searches (Methods and Principles in Medicinal Chemistry, Vol. 32) From Brand: Wiley-VCH Mobipocket**

**Pharmacophores and Pharmacophore Searches (Methods and Principles in Medicinal Chemistry, Vol. 32) From Brand: Wiley-VCH EPub**