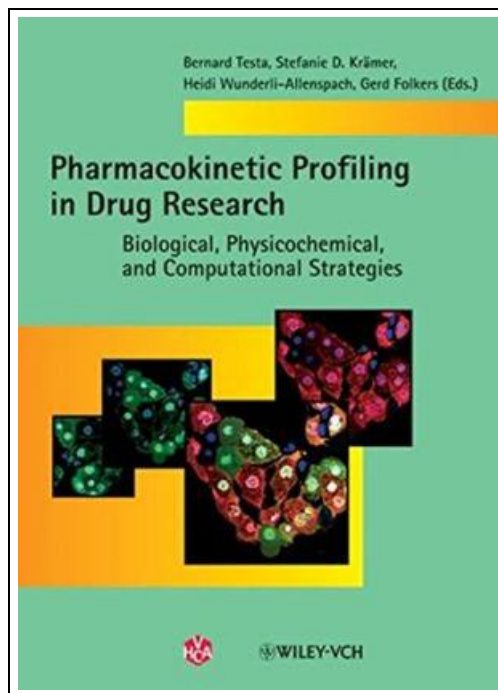


Pharmacokinetic Profiling in Drug Research (Hardback)



Filesize: 1.68 MB

Reviews

A fresh e-book with a brand new point of view. It really is packed with knowledge and wisdom. It's been designed in an exceedingly simple way and is particularly simply following. I finished reading this publication through which actually modified me, alter the way I really believe.

(Bernhard Russel)

PHARMACOKINETIC PROFILING IN DRUG RESEARCH (HARDBACK)

[DOWNLOAD](#)

Helvetica Chimica Acta Verlag, Switzerland, Switzerland, 2006. Hardback. Condition: New. 1. Auflage. Language: English . Brand New Book. Informatics and robotics are the workhorses of a technological revolution in drug research. On them are based combinatorial chemistry, which yields compounds by the many thousands, and high-throughput bioassays, which screen them for activity. The results are avalanches of hits , which invade the databases like swarms of locusts. But far from being a plague, these innumerable compounds become a blessing if properly screened for drugability , i.e., for drug-like properties such as good pharmacokinetic (PK) behavior. Pharmacokinetic profiling of bioactive compounds has, thus, become a sine qua non condition for cherry-picking the most promising hits. Just as important, but less visible, are the structure-property and structure-ADME relations, which emerge from PK profiling and provide useful feedback when designing new synthetic series. As a result, the screening, design, and optimization of pharmacokinetic properties has become the bottleneck and a major challenge in drug research. To shorten the time-consuming development and high rate of attrition of active compounds ultimately doomed by hidden pharmacokinetic defects, powerful biological, physicochemical, and computational approaches are being developed, whose objectives are to increase the clinical relevance of drug design and to eliminate as soon as possible compounds with unfavorable physicochemical properties and pharmacokinetic profiles. The profiling of ADME properties (absorption, distribution, metabolism, and excretion) is the topic of this book. Following the extraordinary success of the previous work (Pharmacokinetic Optimization in Drug Research: Biological, Physicochemical, and Computational Strategies , Eds. B. Testa, H. van de Waterbeemd, G. Volkens, R. Guy, Verlag Helvetica Chimica Acta, Zurich, 2001, 655 pages), there was a need for an essentially new edition focusing on the latest theoretical and technological breakthroughs. In this unique work, international authorities and practicing experts from academia and industry...

[Read Pharmacokinetic Profiling in Drug Research \(Hardback\) Online](#)[Download PDF Pharmacokinetic Profiling in Drug Research \(Hardback\)](#)

Related Kindle Books

**Alfred s Kid s Guitar Course 1: The Easiest Guitar Method Ever!, Book, DVD Online Audio, Video Software**

Alfred Music, United States, 2016. Paperback. Book Condition: New. Language: English . Brand New Book. Alfred s Kid s Guitar Course is a fun method that teaches you to play songs on the guitar right...

[Download Document »](#)

**California Version of Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package**

Pearson, United States, 2015. Loose-leaf. Book Condition: New. 10th. 249 x 201 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies...

[Download Document »](#)

**Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package**

Pearson, United States, 2015. Book. Book Condition: New. 10th. 250 x 189 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies...

[Download Document »](#)

**Barabbas Goes Free: The Story of the Release of Barabbas Matthew 27:15-26, Mark 15:6-15, Luke 23:13-25, and John 18:20 for Children**

Paperback. Book Condition: New.

[Download Document »](#)

**Slave Girl - Return to Hell, Ordinary British Girls are Being Sold into Sex Slavery; I Escaped, But Now I'm Going Back to Help Free Them. This is My True Story.**

John Blake Publishing Ltd, 2013. Paperback. Book Condition: New. Brand new book. DAILY dispatch from our warehouse in Sussex, all international orders sent Airmail. We're happy to offer significant POSTAGE DISCOUNTS for MULTIPLE ITEM orders.

[Download Document »](#)