



Topical Drug Bioavailability, Bioequivalence, and Penetration

From Springer

Download now

Read Online 

Topical Drug Bioavailability, Bioequivalence, and Penetration From Springer

This authoritative volume explores advances in the techniques used to measure percutaneous penetration of drugs and chemicals to assess bioavailability and bioequivalence and discusses how they have been used in clinical and scientific investigations. Seven comprehensive sections examine topics including in vitro drug release, topical drugs products, clinical studies, and guidelines and workshop reports, among others. The book also describes how targeted transdermal drug delivery and more sophisticated mathematical modelling can aid in understanding the bioavailability of transdermal drugs.

The first edition of this book was an important reference guide for researchers working to define the effectiveness and safety of drugs and chemicals that penetrated the skin. This second edition contains cutting-edge advances in the field and is a key resource to those seeking to define the bioavailability and bioequivalence of percutaneously active compounds to improve scientific and clinical investigation and regulation.

 [Download Topical Drug Bioavailability, Bioequivalence, and ...pdf](#)

 [Read Online Topical Drug Bioavailability, Bioequivalence, an ...pdf](#)

Topical Drug Bioavailability, Bioequivalence, and Penetration

From Springer

Topical Drug Bioavailability, Bioequivalence, and Penetration From Springer

This authoritative volume explores advances in the techniques used to measure percutaneous penetration of drugs and chemicals to assess bioavailability and bioequivalence and discusses how they have been used in clinical and scientific investigations. Seven comprehensive sections examine topics including in vitro drug release, topical drugs products, clinical studies, and guidelines and workshop reports, among others. The book also describes how targeted transdermal drug delivery and more sophisticated mathematical modelling can aid in understanding the bioavailability of transdermal drugs.

The first edition of this book was an important reference guide for researchers working to define the effectiveness and safety of drugs and chemicals that penetrated the skin. This second edition contains cutting-edge advances in the field and is a key resource to those seeking to define the bioavailability and bioequivalence of percutaneously active compounds to improve scientific and clinical investigation and regulation.

Topical Drug Bioavailability, Bioequivalence, and Penetration From Springer Bibliography

- Sales Rank: #255380 in Books
- Published on: 2015-01-30
- Original language: English
- Number of items: 1
- Dimensions: 9.21" h x .94" w x 6.14" l, 1.67 pounds
- Binding: Hardcover
- 402 pages

 [Download Topical Drug Bioavailability, Bioequivalence, and ...pdf](#)

 [Read Online Topical Drug Bioavailability, Bioequivalence, an ...pdf](#)

Editorial Review

From the Back Cover

This authoritative volume explores advances in the techniques used to measure percutaneous penetration of drugs and chemicals to assess bioavailability and bioequivalence and discusses how they have been used in clinical and scientific investigations. Seven comprehensive sections examine topics including in vitro drug release, topical drugs products, clinical studies, and guidelines and workshop reports, among others. The book also describes how targeted transdermal drug delivery and more sophisticated mathematical modeling can aid in understanding the bioavailability of transdermal drugs.

The first edition of this book was an important reference guide for researchers working to define the effectiveness and safety of drugs and chemicals that penetrated the skin. This second edition contains cutting-edge advances in the field and is a key resource to those seeking to define the bioavailability and bioequivalence of percutaneously active compounds to improve scientific and clinical investigation and regulation.

Vinod P. Shah is a pharmaceutical consultant. He was Scientific Secretary of the International Pharmaceutical Federation (FIP) and is now Chair of the FIP Regulatory Sciences Special Interest Group. Dr. Shah has served at the U.S. Food and Drug Administration and has developed several regulatory guidances for the pharmaceutical industry in biopharmaceutics and topical drug products.

Howard I. Maibach is professor of dermatology at the University of California, San Francisco. He received his M.D. at Tulane University Medical School in New Orleans, Louisiana, and completed his residency and research fellowships at the University of Pennsylvania in Philadelphia, Pennsylvania. Professor Maibach is a leading authority in the fields of dermatotoxicology and dermatopharmacology, in which he has conducted research and written extensively.

John Jenner is a principal scientist at The Defence Science and Technology Laboratory in the UK. He has a degree in pharmacology from the University of Manchester in Manchester, UK, and a Ph.D. from the University of Surrey, Guildford, UK. John has spent his career studying defense against and treatment of highly toxic chemicals. He has an enduring research interest in percutaneously active chemicals, whether toxic materials or drugs, and experience in the design and testing of transdermal formulations.

About the Author

Vinod P. Shah is a pharmaceutical consultant. He was Scientific Secretary of International Pharmaceutical Federation (FIP) and is now Chair of Regulatory Sciences Special Interest Group of FIP. Dr. Shah has served at the U.S. Food and Drug Administration and has developed several regulatory guidances for the pharmaceutical industry in biopharmaceutics and topical drug products. Dr. Shah is a fellow of FIP as well as the American Association of Pharmaceutical Scientists (AAPS), where he served as president for a year. He is a recipient of an honorary doctorate from Semmelweis University, Budapest, Hungary.

Howard I. Maibach is professor of dermatology at the University of California, San Francisco. He received

his M.D. at Tulane University Medical School in New Orleans, Louisiana, and completed his residency and research fellowships at the University of Pennsylvania in Philadelphia, Pennsylvania. Professor Maibach is a leading authority in the fields of dermatotoxicology and dermatopharmacology, in which he has conducted research and written extensively. Prof. Maibach has served on the editorial boards of more than thirty scientific journals and is a member of many professional societies, including the American Academy of Dermatology and the International Commission on Occupational Health.

John Jenner is a principal scientist at The Defence Science and Technology Laboratory in the UK. He has a degree in pharmacology from the University of Manchester in Manchester, UK, and a Ph.D. from the University of Surrey, Guildford, UK. John has spent his career studying defense against and treatment of highly toxic chemicals. He has an enduring research interest in percutaneously active chemicals, whether toxic materials or drugs, and experience in the design and testing of transdermal formulations. His current interests include the translation of in vitro penetration measurements to in vivo using mathematical modelling.

Users Review

From reader reviews:

Kevin Gans:

As people who live in the modest era should be up-date about what going on or details even knowledge to make these individuals keep up with the era which is always change and move forward. Some of you maybe will certainly update themselves by reading books. It is a good choice for you but the problems coming to a person is you don't know what type you should start with. This Topical Drug Bioavailability, Bioequivalence, and Penetration is our recommendation to help you keep up with the world. Why, because book serves what you want and wish in this era.

Michael Brown:

This Topical Drug Bioavailability, Bioequivalence, and Penetration are reliable for you who want to be considered a successful person, why. The reason of this Topical Drug Bioavailability, Bioequivalence, and Penetration can be one of the great books you must have is giving you more than just simple looking at food but feed anyone with information that maybe will shock your previous knowledge. This book will be handy, you can bring it everywhere you go and whenever your conditions throughout the e-book and printed kinds. Beside that this Topical Drug Bioavailability, Bioequivalence, and Penetration forcing you to have an enormous of experience like rich vocabulary, giving you tryout of critical thinking that we understand it useful in your day activity. So , let's have it and revel in reading.

Patrick Adkins:

Many people spending their period by playing outside having friends, fun activity together with family or just watching TV the whole day. You can have new activity to spend your whole day by examining a book. Ugh, ya think reading a book can definitely hard because you have to use the book everywhere? It okay you can have the e-book, having everywhere you want in your Touch screen phone. Like Topical Drug Bioavailability, Bioequivalence, and Penetration which is obtaining the e-book version. So , try out this

book? Let's see.

Louise Richards:

Don't be worry for anyone who is afraid that this book will filled the space in your house, you might have it in e-book technique, more simple and reachable. This particular Topical Drug Bioavailability, Bioequivalence, and Penetration can give you a lot of pals because by you investigating this one book you have factor that they don't and make anyone more like an interesting person. This kind of book can be one of one step for you to get success. This reserve offer you information that possibly your friend doesn't know, by knowing more than other make you to be great persons. So , why hesitate? Let me have Topical Drug Bioavailability, Bioequivalence, and Penetration.

**Download and Read Online Topical Drug Bioavailability,
Bioequivalence, and Penetration From Springer #TQ5S6Y8BJCR**

Read Topical Drug Bioavailability, Bioequivalence, and Penetration From Springer for online ebook

Topical Drug Bioavailability, Bioequivalence, and Penetration From Springer 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 Topical Drug Bioavailability, Bioequivalence, and Penetration From Springer books to read online.

Online Topical Drug Bioavailability, Bioequivalence, and Penetration From Springer ebook PDF download

Topical Drug Bioavailability, Bioequivalence, and Penetration From Springer Doc

Topical Drug Bioavailability, Bioequivalence, and Penetration From Springer Mobipocket

Topical Drug Bioavailability, Bioequivalence, and Penetration From Springer EPub

TQ5S6Y8BJCR: Topical Drug Bioavailability, Bioequivalence, and Penetration From Springer