



Hydrophilic Matrix Tablets for Oral Controlled Release (AAPS Advances in the Pharmaceutical Sciences Series)

From Springer

Download now

Read Online 

Hydrophilic Matrix Tablets for Oral Controlled Release (AAPS Advances in the Pharmaceutical Sciences Series) From Springer

This detailed volume addresses key issues and subtle nuances involved in developing hydrophilic matrix tablets as an approach to oral controlled release. It brings together information from more than five decades of research and development on hydrophilic matrix tablets and provides perspective on contemporary issues. Twelve comprehensive chapters explore a variety of topics including polymers (hypromellose, natural polysaccharides and polyethylene oxide) and their utilization in hydrophilic matrices, critical interactions impacting tablet performance, in vitro physical and imaging techniques, and microenvironmental pH control and mixed polymer approaches, among others. In one collective volume, *Hydrophilic Matrix Tablets for Oral Controlled Release* provides a single source of current knowledge, including sections of previously unpublished data. It is an important resource for industrial and academic scientists investigating and developing these oral controlled release formulations.

 [Download Hydrophilic Matrix Tablets for Oral Controlled Rel ...pdf](#)

 [Read Online Hydrophilic Matrix Tablets for Oral Controlled R ...pdf](#)

Hydrophilic Matrix Tablets for Oral Controlled Release (AAPS Advances in the Pharmaceutical Sciences Series)

From Springer

Hydrophilic Matrix Tablets for Oral Controlled Release (AAPS Advances in the Pharmaceutical Sciences Series) From Springer

This detailed volume addresses key issues and subtle nuances involved in developing hydrophilic matrix tablets as an approach to oral controlled release. It brings together information from more than five decades of research and development on hydrophilic matrix tablets and provides perspective on contemporary issues. Twelve comprehensive chapters explore a variety of topics including polymers (hypromellose, natural polysaccharides and polyethylene oxide) and their utilization in hydrophilic matrices, critical interactions impacting tablet performance, in vitro physical and imaging techniques, and microenvironmental pH control and mixed polymer approaches, among others. In one collective volume, *Hydrophilic Matrix Tablets for Oral Controlled Release* provides a single source of current knowledge, including sections of previously unpublished data. It is an important resource for industrial and academic scientists investigating and developing these oral controlled release formulations.

Hydrophilic Matrix Tablets for Oral Controlled Release (AAPS Advances in the Pharmaceutical Sciences Series) From Springer Bibliography

- Sales Rank: #3810007 in Books
- Published on: 2014-10-11
- Original language: English
- Number of items: 1
- Dimensions: 9.21" h x .81" w x 6.14" l, .0 pounds
- Binding: Hardcover
- 326 pages

 [Download Hydrophilic Matrix Tablets for Oral Controlled Rel ...pdf](#)

 [Read Online Hydrophilic Matrix Tablets for Oral Controlled R ...pdf](#)

Editorial Review

From the Back Cover

This detailed volume addresses key issues and subtle nuances involved in developing hydrophilic matrix tablets as an approach to oral controlled release. It brings together information from more than five decades of research and development on hydrophilic matrix tablets and provides perspective on contemporary issues. Twelve comprehensive chapters explore a variety of topics including polymers (hypromellose, natural polysaccharides and polyethylene oxide) and their utilization in hydrophilic matrices, critical interactions impacting tablet performance, in vitro physical and imaging techniques, and microenvironmental pH control and mixed polymer approaches, among others. In one collective volume, *Hydrophilic Matrix Tablets for Oral Controlled Release* provides a single source of current knowledge, including sections of previously unpublished data. It is an important resource for industrial and academic scientists investigating and developing these oral controlled release formulations.

About the Author

Peter Timmins is Executive Director in Drug Product Science and Technology at Bristol-Myers Squibb Research and Development. His group, based in Moreton, U.K. and New Brunswick, USA, is responsible for creating, adapting, and applying drug delivery technology for oral drug candidates, including those requiring modified release technology. He has a degree in pharmacy and a PhD in pharmaceutical chemistry, both from the University of Bradford in the U.K. Dr. Timmins is a member of the Royal Pharmaceutical Society of Great Britain. He has many ongoing academic collaborations in the area of oral drug delivery and is a visiting or honorary full professor at the schools of pharmacy at Aston, Bradford and Nottingham in the U.K. He is author or co-author of more than seventy publications, including several books and book chapters, and inventor or co-inventor on thirty patents.

Samuel Pygall is currently an Associate Director and Patient Services Manager at MSD U.K. He was awarded a Master of Pharmacy and a PhD in Pharmaceutical Science from the University of Nottingham in the U.K. Dr. Pygall has a core interest in fostering collaboration between academia and industry to form innovative patient-centric healthcare solutions. He holds a visiting lecturer position at Aston School of Pharmacy in the U.K. and is a U.K.-registered pharmacist, member of the Royal Pharmaceutical Society of Great Britain and past committee member of the United Kingdom and Ireland Controlled Release Society (UKICRS).

Colin Melia is Associate Professor at the School of Pharmacy, University of Nottingham, U.K. He has widely published, provided expert opinions on modified release dosage forms and has been engaged in collaborative research and consultancy with some sixty pharmaceutical and allied companies worldwide. His research group, Formulation Insights, focuses on the elucidation of drug release mechanisms that underlie modified release behaviour. At Nottingham University, he teaches medicines design and has twice won Lord Dearing Awards for outstanding contributions to teaching and student learning.

Users Review

From reader reviews:

Celia Redmond:

A lot of people always spent their very own free time to vacation or maybe go to the outside with them family or their friend. Were you aware? Many a lot of people spent that they free time just watching TV, or perhaps playing video games all day long. In order to try to find a new activity honestly, that is look different you can read any book. It is really fun for you. If you enjoy the book which you read you can spent 24 hours a day to reading a guide. The book Hydrophilic Matrix Tablets for Oral Controlled Release (AAPS Advances in the Pharmaceutical Sciences Series) it is very good to read. There are a lot of people that recommended this book. They were enjoying reading this book. In the event you did not have enough space to create this book you can buy the actual e-book. You can m0ore very easily to read this book from the smart phone. The price is not very costly but this book has high quality.

Terrence Kimball:

In this period of time globalization it is important to someone to acquire information. The information will make professionals understand the condition of the world. The healthiness of the world makes the information much easier to share. You can find a lot of personal references to get information example: internet, newspapers, book, and soon. You can observe that now, a lot of publisher that will print many kinds of book. Typically the book that recommended for your requirements is Hydrophilic Matrix Tablets for Oral Controlled Release (AAPS Advances in the Pharmaceutical Sciences Series) this publication consist a lot of the information on the condition of this world now. That book was represented how does the world has grown up. The vocabulary styles that writer use for explain it is easy to understand. Typically the writer made some research when he makes this book. That's why this book acceptable all of you.

Harry Duffey:

Don't be worry for anyone who is afraid that this book can filled the space in your house, you might have it in e-book approach, more simple and reachable. This Hydrophilic Matrix Tablets for Oral Controlled Release (AAPS Advances in the Pharmaceutical Sciences Series) can give you a lot of close friends because by you investigating this one book you have issue that they don't and make you more like an interesting person. That book can be one of one step for you to get success. This guide offer you information that might be your friend doesn't learn, by knowing more than different make you to be great individuals. So , why hesitate? Let us have Hydrophilic Matrix Tablets for Oral Controlled Release (AAPS Advances in the Pharmaceutical Sciences Series).

Charles Parker:

That guide can make you to feel relax. This kind of book Hydrophilic Matrix Tablets for Oral Controlled Release (AAPS Advances in the Pharmaceutical Sciences Series) was colorful and of course has pictures on the website. As we know that book Hydrophilic Matrix Tablets for Oral Controlled Release (AAPS Advances in the Pharmaceutical Sciences Series) has many kinds or variety. Start from kids until young adults. For example Naruto or Investigator Conan you can read and believe that you are the character on there. Therefore , not at all of book tend to be make you bored, any it makes you feel happy, fun and unwind. Try to choose the best book in your case and try to like reading that.

Download and Read Online Hydrophilic Matrix Tablets for Oral Controlled Release (AAPS Advances in the Pharmaceutical Sciences Series) From Springer #5XCOTB4EIFY

Read Hydrophilic Matrix Tablets for Oral Controlled Release (AAPS Advances in the Pharmaceutical Sciences Series) From Springer for online ebook

Hydrophilic Matrix Tablets for Oral Controlled Release (AAPS Advances in the Pharmaceutical Sciences Series) 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 Hydrophilic Matrix Tablets for Oral Controlled Release (AAPS Advances in the Pharmaceutical Sciences Series) From Springer books to read online.

Online Hydrophilic Matrix Tablets for Oral Controlled Release (AAPS Advances in the Pharmaceutical Sciences Series) From Springer ebook PDF download

Hydrophilic Matrix Tablets for Oral Controlled Release (AAPS Advances in the Pharmaceutical Sciences Series) From Springer Doc

Hydrophilic Matrix Tablets for Oral Controlled Release (AAPS Advances in the Pharmaceutical Sciences Series) From Springer Mobipocket

Hydrophilic Matrix Tablets for Oral Controlled Release (AAPS Advances in the Pharmaceutical Sciences Series) From Springer EPub

5XCOTB4EIFY: Hydrophilic Matrix Tablets for Oral Controlled Release (AAPS Advances in the Pharmaceutical Sciences Series) From Springer