



Nifedipine Matrix Tablet

By Dewan Taslima Akhter

LAP Lambert Academic Publishing Feb 2012, 2012.

Taschenbuch. Book Condition: Neu. 220x150x9 mm. This item is printed on demand - Print on Demand Neuware - The purpose of the present work was to design & evaluate sustained release tablets of Nifedipine, employing hydrophilic polymer to improve dissolution rates of the drug. METHOCEL K15MCR & METHOCEL K100LVCR were used in tablets prepared by direct compression. The formulated tablets were physicochemically characterized & results were found in acceptable limits. Poor aqueous solubility of Nifedipine leads to variable dissolution rates. The main effect & interaction terms were quantitatively evaluated using mathematical models. Dissolution data were fitted to zero order, first order, Higuchi's, Korsmeyer-Peppas & Hixson-Crowell release kinetics to evaluate kinetic data. The drug release data fit well to the Higuchi expression, but a close relationship was also noted with zero order kinetics. Korsmeyer s plot indicated that the drug release mechanism from the matrix tablet was to be found Fickian mechanism. Regulated drug release study indicate that the matrix tablets of Nifedipine prepared using above polymers can successfully be employed as twice-a-day oral controlled release dosage form. 148 pp. Englisch.



READ ONLINE
[5.93 MB]

Reviews

This publication might be well worth a study, and much better than other. It is among the most awesome book i have got study. You may like the way the article writer publish this publication.

-- **Dr. Paige Bartell**

A whole new e book with a brand new perspective. Indeed, it is enjoy, continue to an interesting and amazing literature. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- **Ebba Hilll**

You May Also Like



David & Goliath Padded Board Book & CD (Let's Share a Story)

Shiloh Kidz. BOARD BOOK. Book Condition: New. 1630587842 BRAND NEW!! MULTIPLE COPIES AVAILABLE. NEW CONDITION!! 100% MONEY BACK GUARANTEE!! BUY WITH CONFIDENCE! WE SHIP DAILY!!EXPEDITED SHIPPING AVAILABLE.



Hitler's Exiles: Personal Stories of the Flight from Nazi Germany to America

New Press. Hardcover. Book Condition: New. 1565843940 Never Read-12+ year old Hardcover book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy- I ship FAST with FREE tracking!! *...



My Big Book of Bible Heroes for Kids: Stories of 50 Weird, Wild, Wonderful People from God's Word

Shiloh Kidz. PAPERBACK. Book Condition: New. 1634093151 BRAND NEW!! MULTIPLE COPIES AVAILABLE. NEW CONDITION!! 100% MONEY BACK GUARANTEE!! BUY WITH CONFIDENCE! WE SHIP DAILY!!EXPEDITED SHIPPING AVAILABLE.



Shadows Bright as Glass: The Remarkable Story of One Man's Journey from Brain Trauma to Artistic Triumph

Free Press. Hardcover. Book Condition: New. 1439143102 SHIPS WITHIN 24 HOURS!! (SAME BUSINESS DAY) GREAT BOOK!!.



Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success

Brookes Publishing Co. Paperback. Book Condition: new. BRAND NEW, Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success, Eva M. Horn, Susan B. Palmer, Gretchen D. Butera, Joan A. Lieber, How can inclusive early educators plan and deliver...



Edge] the collection stacks of children's literature: Chunhyang Qiuyun 1.2 --- Children's Literature 2004(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date: 2005 Pages: 815 Publisher: the Chinese teenager Shop Books all book. the genuine special part of the spot...