



Bioadhesive Microspheres as Sustained Release Drug Delivery System

By Maizbha Uddin Ahmed

LAP Lambert Academic Publishing Okt 2012, 2012. Taschenbuch. Book Condition: Neu. 220x150x7 mm. This item is printed on demand - Print on Demand Neuware - Mucoadhisive microcapsules are proposed for the antidiabetic drug glipizide, to obtain controlled release. Glipizide microcapsules with a coat consisting of pectin was prepared by employing ionic gelation process and emulsification ionotropic gelation process. The microcapsules were evaluated for flow properties, Carr s index, hausner ratio, micro encapsulation efficiency, drug release characteristics, surface characteristics; compatibility studies mucoadhesive properties. Pectin is a polysaccharide with a variable molecular weight. In the presence of calcium ions, pectin forms a gel of calcium pectinatethat are more resistant to disruption in the gut than alginate gel. Researchers have formulated oral controlled release products of glipizide by various techniques. Dosage forms that are retained in the stomach would increase the absorption, improve drug efficiency and decrease dose requirements. Thus, an attempt is made in the present investigation to use chitosan as a mucoadhesive polymer and prepare microspheres. The microspheres will be characterized by in-vitro and iv-vivo tests and factorial design will be employed to optimize the variables. 116 pp. Englisch.



Reviews

Thorough manual for ebook fans. it had been writtern quite properly and valuable. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- Dr. Catherine Wehner

Absolutely among the best book I have possibly go through. I have go through and that i am certain that i am going to gonna read through once again again in the future. I am just delighted to tell you that this is basically the finest book i have got go through within my personal existence and could be he finest book for ever.

-- Brian Bauch

You May Also Like



Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG, Eignungstest für das Medizinstudium, Adult Attachment Interview,...



Programming in D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers who are new to computer programming. Although...



Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications.

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the...



Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird

Paperback. Book Condition: New. Not Signed; This is a Tinga Tinga tale inspired by traditional stories from Africa. Lion is king of Tinga Tinga but he can't roar! Can his friend Flea help Lion to find his roar and behave more like...



Adobe Indesign CS/Cs2 Breakthroughs

Peachpit Press, 2005. Softcover. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Adobe InDesign is taking the publishing world by storm and users are hungry for breakthrough solutions to...



Sport is Fun (Red B) NF

Pearson Education Limited. Paperback. Book Condition: new. BRAND NEW, Sport is Fun (Red B) NF, Dianne Irving, This title is part of Pearson's Bug Club - the first whole-school reading programme that joins books and an online reading world to teach today's...