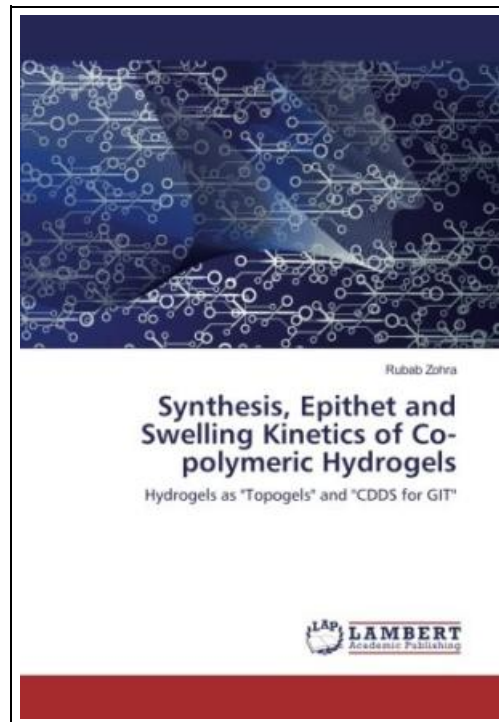


Synthesis, Epithet and Swelling Kinetics of Co-polymeric Hydrogels



Filesize: 9.08 MB

Reviews

Thorough information! Its such a good study. Sure, it is perform, still an amazing and interesting literature. Once you begin to read the book, it is extremely difficult to leave it before concluding.
(Evie Emmerich)

SYNTHESIS, EPITHET AND SWELLING KINETICS OF CO-POLYMERIC HYDROGELS

[DOWNLOAD PDF](#)

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Hydrogels as "Topogels" and "CDDS for GIT" | Hydrogels are polymers capable of imbibing large amounts of water maintaining their three dimensional network. Application of hydrogels for controlled drug delivery demands necessary mechanical strength, responsiveness to external stimuli, tuned to respond exactly at the target and provide drug for longer times to reduce the administration frequency. The project described in the book is concentrated upon synthesis of novel gels cross linked either physically through intermolecular forces or chemically by various cross linking agents. Different techniques like FTIR, DSC/TGA, SEM, Rheology and mechanical strength were used to have an epithet of these hydrogels. Optimization of properties was carried out with respect to external conditions like pH and temperature of the media and internal composition such that amount of hydrophilic/hydrophobic components in the gel network structure. Tramadol HCl was used as sample drug and the release kinetics was studied applying various models. It was found that these systems can be modified to be used as controlled drug delivery system in colon of GIT. The book will be helpful for research scholars of chemistry & pharmaceutical departments. | Format: Paperback | Language/Sprache: english | 260 pp.

[Read Synthesis, Epithet and Swelling Kinetics of Co-polymeric Hydrogels Online](#)[Download PDF Synthesis, Epithet and Swelling Kinetics of Co-polymeric Hydrogels](#)

Relevant eBooks



Would It Kill You to Stop Doing That?

Book Condition: New. Publisher/Verlag: Little, Brown Book Group | A Modern Guide to Manners | A laugh-out-loud guide to modern manners by acclaimed humorist, author, and Vanity Fair columnist Henry Alford. | A few years...

[Save](#) [Book](#)

»



Violet Rose and the Surprise Party

Book Condition: New. Publisher/Verlag: Nosy Crow | With activities, 3D press-out models and over 175 stickers! Plus free games and printables online! | When busy rabbit, Violet Rose, discovers that her friend Lily has a...

[Save](#) [Book](#)

»



Hands Free Mama: A Guide to Putting Down the Phone, Burning the To-Do List, and Letting Go of Perfection to Grasp What Really Matters!

ZONDERVAN, United States, 2014. Paperback. Book Condition: New. 211 x 137 mm. Language: English . Brand New Book. Rachel Macy Stafford s post The Day I Stopped Saying Hurry Up was a true phenomenon on...

[Save](#) [Book](#)

»



Storytown: Challenge Trade Book Story 2008 Grade 4 Aneesa Lee&

HARCOURT SCHOOL PUBLISHERS. PAPERBACK. Book Condition: New. 0153651431 Never Read-may have light shelf wear- Good Copy- I ship FAST!.

[Save](#) [Book](#)

»



After Such Knowledge: Memory, History, and the Legacy of the Holocaust

PublicAffairs. PAPERBACK. Book Condition: New. 1586483048 12+ Year Old paperback book-Never Read-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...

[Save](#) [Book](#)

»