Enhancement Of Dissolution Rate Domperidone Using Melt

Drug delivery systems and pharmaceutical nanocarriers that respond to different types of stimuli, such as internal ones, intrinsic for the pathological area (changes in pH, temperature, redox condition, activity of certain enzymes), or external, artificially applied (magnetic field, ultrasound, various irradiations), represent an important and continuously growing area of research. Smart Phramaceutical Nanocarriers overviews the various stimuli used for drug release and delivery by smart pharmaceutical carriers and presents cutting-edge research and the newest data from the leading laboratories in each area.
Vols. for 1964- have guides and journal lists.
American Journal of Respiratory and Critical Care Medicine

Indian Science AbstractsNanoparticulate Drug Delivery SystemsCRC Press
This publication gives information on all the drugs and medicines available on prescription in the UK, with notes on prescribing, indications, cautions, contra-indications, dose, side-effects and cost. Each chapter relates to a specific system of the body.
Science Citation Index
Indian Science Abstracts

Nanoarchitectonics in Biomedicine describes this new area of nanoscience that has emerged as a major branch of nanoscience. The book brings together recent applications and discusses the advantages and disadvantages of each process, offering international perspectives on the technologies based on these findings. It offers new insights for nanoarchitectonics, starting with the currently used methods of synthesis and characterization of such materials, along with their biomedical applications. Authored by a wide range of international scientists, this volume shows how nanoarchitectonics is being used to create more efficient medical treatment solutions. Users will find this to be an important research resource for those wanting to learn more on the emerging topic of nanoarchitectonics in biomedical science. Explores how design aspects, smart materials and personalized materials are used in biomedicine today Offers global perspectives on how nanoarchitectonics is used in different regions Presents an important research resource for those wanting to learn more on the emerging topic of nanoarchitectonics in biomedical science
Focusing on nanoparticulate nanocarriers and recent advances in the field of drug delivery, the volume begins with chapters that provide an informative introduction to polymeric nanoparticles—their general physicochemical features and characteristics, their applications in drug delivery systems, and the challenges involved. Specific applications are discussed, with attention paid to treatment of particular diseases and disorders and the targeting of specific organs. Part 2 looks at more specific applications and techniques of nanoparticulate nanocarriers for drug delivery, such as the use of magnetic nanoparticles, gold nanoparticles in therapeutics, and superparamagnetic iron oxide nanoparticles (SPIONs) for the treatment of cancer. Part 3 discusses lipid-based nanoparticulates for various applications, including skin care. The last section of the book explores some of the newer nanoarchitectures, including dendrimers in gene delivery and carbon nanotubes for drug delivery. Together, the insightful research presented here provides valuable information for those involved in this area, including scientists and researchers and faculty and upper-level students, as well as for industry professionals.
Smart Pharmaceutical Nanocarriers
Nanoparticulate Drug Delivery Systems