Record Nr. UNINA9910877027603321 Role of lipid excipients in modifying oral and parenteral drug delivery: **Titolo** basic principles and biological examples // edited by Kishor M. Wasan Pubbl/distr/stampa Hoboken, N.J.,: Wiley-Interscience, c2007 **ISBN** 1-280-65456-2 9786610654567 0-470-09798-1 0-470-09797-3 Descrizione fisica 1 online resource (217 p.) Altri autori (Persone) WasanKishor M 615/.7 Disciplina Soggetti Lipids - Therapeutic use **Excipients** Drugs - Dosage forms Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references and index. Nota di bibliografia Nota di contenuto ROLE OF LIPID EXCIPIENTS IN MODIFYING ORAL AND PARENTERAL DRUG DELIVERY; CONTENTS; PREFACE; CONTRIBUTORS; CHAPTER 1 INTERACTION OF DRUG TRANSPORTERS WITH EXCIPIENTS: CHAPTER 2 FORMULATION ISSUES AROUND LIPID-BASED ORAL AND PARENTERAL DELIVERY SYSTEMS; CHAPTER 3 LIPID-BASED PARENTERAL DRUG DELIVERY SYSTEMS: BIOLOGICAL IMPLICATIONS; CHAPTER 4 PRINCIPLES IN THE DEVELOPMENT OF INTRAVENOUS LIPID EMULSIONS; CHAPTER 5 PROTEIN ADSORPTION PATTERNS ON PARENTERAL LIPID FORMULATIONS: KEY FACTOR DETERMINING THE IN VIVO FATE; CHAPTER 6 NANOPARTICLE TARGETING FOR DRUG DELIVERY ACROSS THE BLOOD-BRAIN BARRIER CHAPTER 7 LIPID-COATED PERFLUOROCARBON STRUCTURES AS PARENTERAL THERAPEUTIC AGENTSINDEX Sommario/riassunto This comprehensive resource covers the fundamentals, formulation, and biopharmaceutical issues of lipid-based drug delivery. It presents the principles of lipid absorption and covers formulation issues, such as dissolution testing and stability testing, and physiological and

biopharmaceutical issues, including the role of specific enzymes, the

evaluation of transport systems in the body, and the mechanisms governing the transport of water-insoluble drugs.