



Lipid Based Drug Delivery Systems for Proteins

By Jørgensen, Lene

Book Condition: New. Publisher/Verlag: VDM Verlag Dr. Müller Physical stability of proteins at the oil-water interface | Proteins are pharmaceuticals with high specificity and activity at relatively low concentrations, but to fully exploit their potential, an increased effort has been put into the research and development of suitable drug delivery concepts. The success of a protein depends on the development of a formulation that maintains the native protein structure and activity during preparation of the delivery system. A joint characteristic of many delivery systems are the presence of two phases and an interface. During preparation, proteins are exposed to mechanical stress, to different excipients, to the mixing of the phase, and to the creation of an oil-water interface. Since proteins are amphiphilic molecules the effect exercised by this exposure to the interface on the structure of the protein is of great importance. This book contains a literature review with emphasis on the various aspects of protein physical stability at the oil-water interface and exemplifies the major choices that have to be made when examining the structural changes in various formulations. It is especially useful to new pharmaceutical scientists moving into this field. | Format: Paperback | Language/Sprache: english |...



Reviews

It in a of my personal favorite pdf. Of course, it really is play, nevertheless an amazing and interesting literature. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- Nicholas Ratke

It is simple in read easier to understand. I am quite late in start reading this one, but better then never. Its been designed in an exceptionally easy way in fact it is just following i finished reading through this publication where basically transformed me, alter the way i really believe.

-- Ms. Christy Ondricka DDS

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