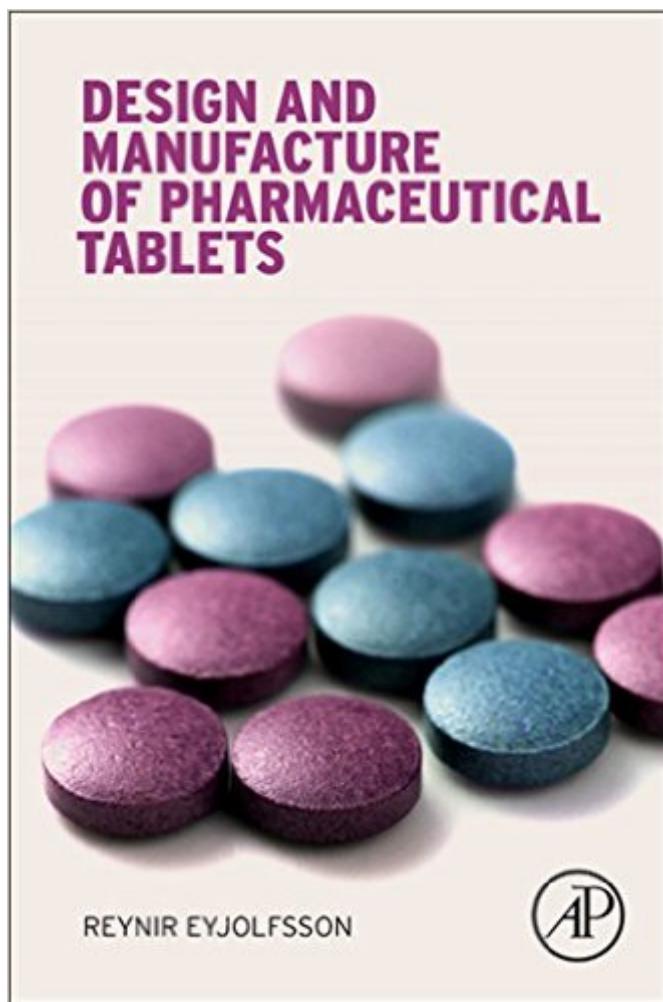


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# Design And Manufacture Of Pharmaceutical Tablets



## **Synopsis**

Design and Manufacture of Pharmaceutical Tablets offers real world solutions and outcomes of formulation and processing challenges of pharmaceutical tablets. This book includes numerous practical examples related to actual formulations that have been validated and marketed and covers important data in the areas of stability, dissolution, bioavailability and processing. It provides important background and theoretical information on design and manufacturing and includes a full section dedicated to design experimental methodology and statistics. In addition, this book offers a general discussion of excipients used in proper tablet design along with practical examples related to excipients. Drug development scientists in industry and academia, as well as students in the pharmaceutical sciences will greatly benefit from the practical knowledge and case examples provided throughout this book. Incorporates important mathematical models and computational applicationsIncludes unique content on central composite design and augmented simplex latticeProvides background on important design principles with emphasis on quality-based design (QBD) of pharmaceutical dosage forms

## **Book Information**

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## **Customer Reviews**

Not what I was expecting.

The author with his extensive experience in formulation sciences has consolidated practical aspects of tablet development in this concisely written book. As indicated in the preface this book is meant to serve as a supportive addition to standard literature in tablet development. It focuses on the practical aspects, is theory based but without delving into details. A special consideration is given to the mixing of pharmaceutical powders in order to ensure appropriate content uniformity. Design of experiments is delineated with practical examples. The selection of excipients for the appropriate manufacturing processing and the targeted properties of the final drug product is also elucidated. The book is rounded out with briefly described examples of development of various conventional-release and slow-release tablets. As a helpful, practical aid in the field of pharmaceutical tablet development this book can be recommended as such especially to newcomers and those who are not familiar but are seeking insight into this field.

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