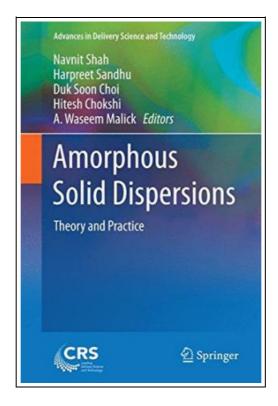
# Amorphous Solid Dispersions: Theory and Practice (Hardback)



Filesize: 2.37 MB

## Reviews

This ebook is very gripping and fascinating. Sure, it is engage in, nevertheless an amazing and interesting literature. It is extremely difficult to leave it before concluding, once you begin to read the book.

(Ms. Ora Buckridge)

### AMORPHOUS SOLID DISPERSIONS: THEORY AND PRACTICE (HARDBACK)



Springer-Verlag New York Inc., United States, 2015. Hardback. Book Condition: New. 2014 ed.. 236 x 163 mm. Language: English. Brand New Book. This volume offers a comprehensive guide on the theory and practice of amorphous solid dispersions (ASD) for handling challenges associated with poorly soluble drugs. In twenty-three inclusive chapters, the book examines thermodynamics and kinetics of the amorphous state and amorphous solid dispersions, ASD technologies, excipients for stabilizing amorphous solid dispersions such as polymers, and ASD manufacturing technologies, including spray drying, hot melt extrusion, fluid bed layering and solvent-controlled micro-precipitation technology (MBP). Each technology is illustrated by specific case studies. In addition, dedicated sections cover analytical tools and technologies for characterization of amorphous solid dispersions, the prediction of long-term stability, and the development of suitable dissolution methods and regulatory aspects. The book also highlights future technologies on the horizon, such as supercritical fluid processing, mesoporous silica, KinetiSol(R), and the use of non-salt-forming organic acids and amino acids for the stabilization of amorphous systems. Amorphous Solid Dispersions: Theory and Practice is a valuable reference to pharmaceutical scientists interested in developing bioavailable and therapeutically effective formulations of poorly soluble molecules in order to advance these technologies and develop better medicines for the future.



Read Amorphous Solid Dispersions: Theory and Practice (Hardback) Online Download PDF Amorphous Solid Dispersions: Theory and Practice (Hardback)

## You May Also Like



#### Hope for Autism: 10 Practical Solutions to Everyday Challenges

Seaborough Enterprises Publishing, United States, 2015. Paperback. Book Condition: New. Initial ed.. 203 x 127 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Hope for Autism: 10 Practical Solutions to Everyday...

Read ePub

**>>** 



#### Violin Concerto, Op.82: Study Score

Petrucci Library Press, United States, 2014. Paperback. Book Condition: New. Urtext ed.. 274 x 213 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Premiered by the renowned violinist Leopold Auer in St....

Read ePub

>>



#### **EU Law Directions**

Oxford University Press, United Kingdom, 2014. Paperback. Book Condition: New. 4th ed.. 242 x 188 mm. Language: English . Brand New Book. With a readable and modern writing style, EU Law Directions clearly explains the...

Read ePut

>>



#### The Adventures of a Plastic Bottle: A Story about Recycling

SIMON SCHUSTER, United States, 2009. Paperback. Book Condition: New. Children's Tk, Pete Whitehead (illustrator). Original ed.. 203 x 196 mm. Language: English. Brand New Book. Learn about recycling from a new perspective! Peek...

Read ePub

\*\*



#### Fox All Week: Level 3

Penguin Putnam Inc, United States, 2004. Paperback. Book Condition: New. James Marshall (illustrator). Puffin Easy-To-Read ed.. 224 x 147 mm. Language: English . Brand New Book. Using their cache of already published easy-to-read books, Puffin...

Read ePub

»