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CHAPTER 10 STRATEGIES AND METHODS FOR PURIFYING ORGANIC COMPOUNDS AND COMBINATORIAL LIBRARIES; CHAPTER 11 HIGH-THROUGHPUT PURIFICATION: TRIAGE AND OPTIMIZATION; CHAPTER 12 PARALLEL HPLC IN HIGH-THROUGHPUT ANALYSIS AND PURIFICATION; PART IV ANALYSIS FOR COMPOUND STABILITY AND DRUGABILITY; CHAPTER 13 ORGANIC COMPOUND STABILITY IN LARGE, DIVERSE PHARMACEUTICAL SCREENING COLLECTION; CHAPTER 14 QUARTZ CRYSTAL MICROBALANCE IN BIOMOLECULAR RECOGNITION; CHAPTER 15 HIGH-THROUGHPUT PHYSICOCHEMICAL PROFILING: POTENTIAL AND LIMITATIONS; CHAPTER 16 SOLUBILITY IN THE DESIGN OF COMBINATORIAL LIBRARIES; CHAPTER 17 HIGH-THROUGHPUT DETERMINATION OF LOG D VALUES BY LC/MS METHODINDEX

Sommario/riassunto

Quality measurement, control, and improvement in combinatorial chemistryCombinatorial chemistry has developed rapidly in the past decade, with great advances made by scientists working on analysis and purification of a large number of compounds and the analysis of polymer-bound compounds. However, formidable challenges lie ahead of today's researcher. For example, high-throughput analysis and purification technologies must be further developed to ensure combinatorial libraries are ""purifiable,"" and ""drugable.""To this end, Analysis and Purification Methods in Combinatorial Chemistry