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Nota di contenuto	CHIRAL SEPARATION METHODS FOR PHARMACEUTICAL AND BIOTECHNOLOGICAL PRODUCTS; CONTENTS; Contributors; Preface; 1 Overview of Chiral Separations; 2 Regulatory and Development Considerations of Chiral Compounds; 3 Basic Considerations in HPLC Method Development of Chiral Compounds; 4 Separation of Chiral Compounds on Polysaccharide Columns; 5 Chiral Separations by Various Techniques; 6 Chiral Discrimination Study for Polysaccharide-Based Chiral Stationary Phases; 7 Comparison of Chiral Chromatography Columns for Pharmaceutical Method Development 8 Chiral Screening Methods for Pharmaceutical Analysis and Purification in an Industrial Laboratory9 Separation of Enantiomers by Gas Chromatography on Chiral Stationary Phases; 10 Separations of Chiral Compounds by SFC; 11 Chiral Separations by Capillary Electrophoresis; 12 High-Throughput Screening and Method Development Strategies to Separate Chiral Drug Compounds in HPLC, SFC, and CE; 13 Use of Enantioselective Synthesis and Preparative Chiral Chromatography to

Access a Challenging Enantiopure Pharmaceutical Candidate from a Mixture of Four Stereoisomers
14 A Look into the Future: Chiral Analysis Using Chemical Sensor Technology
15 Chirality of Biomolecules and Biotechnology Products;
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Sommario/riassunto

Discusses chiral separations and offers guidance for selecting the optimum method for desired results Chiral separations represent the most intriguing and, by some measures, most difficult separations of chemical compounds. This book provides researchers and students an understanding of chiral separations and offers a convenient route to selecting the best separation method, saving considerable time and cost in product development. Considering chiral separations in the biotechnological and pharmaceutical industries, as well as for food applications, Dr. Ahuja provides insights into
