

|                         |  |
|-------------------------|--|
| 1. Record Nr.           | UNINA9910956245003321  |
| Autore                  | Schreier Peter <1942->   |
| Titolo                  | Analysis of chiral organic molecules : methodology and applications / / Peter Schreier, Alexander Bernreuther, Manfred Huffer  |
| Pubbl/distr/stampa      | Berlin ; ; New York, : Walter de Gruyter, 1995   |
| ISBN                    | 9783110867855<br>3110867850  |
| Edizione                | [Reprint 2011]   |
| Descrizione fisica      | 1 online resource (348 p.)   |
| Classificazione         | VK 5680  |
| Altri autori (Persone)  | BernreutherAlexander <1961-><br>HufferManfred <1960->  |
| Disciplina              | 547/.3   |
| Soggetti                | Optical isomers - Analysis<br>Chirality  |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Note generali           | Description based upon print version of record.  |
| Nota di bibliografia    | Includes bibliographical references and index.   |
| Nota di contenuto       | Front matter -- PREFACE -- List of Abbreviations -- 1 Introduction -- 2 The development of stereochemical concepts -- 3 Techniques used in the analysis of optically active compounds. 3.1 Chiroptical methods -- 3 Techniques used in the analysis of optically active compounds. 3.2 Nuclear magnetic resonance -- 3 Techniques used in the analysis of optically active compounds. 3.3 General aspects of chromatography -- 3 Techniques used in the analysis of optically active compounds. 3.4 Liquid chromatography -- 3 Techniques used in the analysis of optically active compounds. 3.5 Gas chromatography -- 3 Techniques used in the analysis of optically active compounds. 3.6 Supercritical fluid chromatography (SFC) -- 3 Techniques used in the analysis of optically active compounds. 3.7 Electrophoresis -- 3 Techniques used in the analysis of optically active compounds. 3.8 Planar Chromatography -- 3 Techniques used in the analysis of optically active compounds. 3.9 Other methods -- ANNEX List of chiral substances analyzed by the treated techniques -- INDEX |
| Sommario/riassunto      | For readers at least moderately familiar with the theory of analyzing volatile aroma compounds, an introduction to the wide range of techniques for analyzing chiral molecules. They include chiroptical methods such as polarimetry, optical rotation dispersion and circular   |

dichroism; liquid, gas, super

---