

1. Record Nr.	UNINA9911018957603321
Autore	Coppola Gary M (Gary Mark), <1948->
Titolo	[Alpha]-hydroxy acids in enantioselective syntheses / / Gary M. Coppola, Herbert F. Schuster
Pubbl/distr/stampa	Weinheim, : VCH, c1997
ISBN	1-280-55852-0 9786610558520 3-527-60085-X
Descrizione fisica	1 online resource (x, 513 p.) : ill. ;
Altri autori (Persone)	SchusterHerbert F <1949-> (Herbert Franz)
Disciplina	547/.2
Soggetti	Organic compounds - Synthesis Alpha hydroxy acids Enantiomers Chemistry Organic Chemistry Physical Sciences & Mathematics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	Attention synthetic chemist! Chiral alpha-hydroxy acids available from nature's chiral pool serve as starting materials in a wide variety of enantioselective conversions leading to commercially important products. This monograph, a stimulating source of ideas and an essential reference work for research chemists, focuses on the well-known lactic, mandelic, malic, and tartaric acids. Well-chosen examples show how chiral centers inherent in these simple compounds can be used to control the introduction of further stereogenic centers. Readers can directly apply new transformations in their own work since reaction conditions are given in handy tables.