

1. Record Nr.	UNINA9910461622703321
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Titolo	Chirality from dynamic kinetic resolution [[electronic resource] /] / Helene Pellissier
Pubbl/distr/stampa	Cambridge [England], : RSC Pub., 2011
ISBN	1-84973-267-1
Descrizione fisica	1 online resource (319 p.)
Disciplina	541.394
Soggetti	Chirality Electronic books.
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	i-iv; v-vi; vii-x; xi-xiv; xv-xviii; 1-48.pdf; 49-144; 145-190; 191-242; 243-282; 283-284; 285-288; 289-300
Sommario/riassunto	The last 15 years have witnessed significant developments in the efficiency and scope of the application of DKR. These now offer a serious alternative to conventional methods for asymmetric synthesis. Indeed, impressive examples using new enzymes and major progress in the DKR of racemates have taken place over the past few years. The powerful combination of enzymes and metals has also been the subject of spectacular development. In addition, a new type of DKR, involving organocatalysts, has recently appeared. Although asymmetric catalysis has undergone development during the last two decades,