

1. Record Nr.	UNINA9911018786103321
Titolo	Chiral amine synthesis : methods, developments and applications // edited by Thomas C. Nugent
Pubbl/distr/stampa	Weinheim, : Wiley-VCH Verlag GmbH & Co., 2010
ISBN	9786612462931 9781282462939 1282462938 9783527629541 3527629548 9783527629558 3527629556
Descrizione fisica	1 online resource (522 p.)
Classificazione	540
Disciplina	547.042
Soggetti	Chirality Amines Handbook handbooks. Reference works. Handbooks and manuals. Guides et manuels. Ouvrages de reference
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	Chiral Amine Synthesis; Foreword; Contents; Preface; List of Contributors; 1 Stereoselective Synthesis of α -Branched Amines by Nucleophilic Addition of Unstabilized Carbanions to Imines; 1.1 Introduction; 1.2 Overview of the Methods for the Preparation of Imines; 1.2.1 N-Aryl and N-Alkyl Imines and Hydrazones; 1.2.2 N-Sulfinyl Imines; 1.2.3 N-Sulfonyl Imines; 1.2.4 N-Phosphinoyl Imines; 1.2.5 N-Acyl and N-Carbamoyl Imines; 1.3 Chiral Auxiliary-Based Approaches; 1.3.1 Imines Derived from Chiral Aldehydes; 1.3.2 Imines Bearing a Chiral Protecting/Activating Group

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 1.4.1 Catalytic Asymmetric Addition of sp^3 Hybridized Carbanions;
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 1.4.1.2 Zinc Alkoxide-Catalyzed Dialkylzinc Additions;
 1.4.1.3 Early Transition Metal (Zr, Hf)-Catalyzed Dialkylzinc Additions;
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 1.4.2 Catalytic Asymmetric Allylation of Imines;
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 1.4.3.2.1 Amino Alcohol-Catalyzed Addition of Organozinc Reagents
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Sommario/riassunto

This first comprehensive presentation of this hot and important topic compiles the most up-to-date methods for chiral amine synthesis. The international list of authors reads like a "Who's Who" of the subject, providing a large array of highly practical information concentrated into the useful and essential methods. Following an introductory chapter devoted to helping readers quickly determine which strategies to choose for their investigation, this handbook and ready reference focuses on the examination of methods that are reliable and simultaneously efficient for the synthesis of struc