

1. Record Nr.	UNINA9910830801503321
Titolo	Topics in stereochemistry . Volume 25 [[electronic resource] /] / editors, Scott E. Denmark, Jay S. Siegel
Pubbl/distr/stampa	Hoboken, NJ, : John Wiley & Sons, Inc., c2006
ISBN	1-280-44859-8 9786610448593 0-470-32385-X 0-471-78515-6 0-471-78508-3
Descrizione fisica	1 online resource (435 p.)
Collana	Topics in stereochemistry ; ; 25
Altri autori (Persone)	DenmarkScott E SiegelJay S
Disciplina	547.1223 547/.1223
Soggetti	Stereochemistry Chemistry, Physical and theoretical
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	TOPICS IN STEREOCHEMISTRY VOLUME 25; INTRODUCTION TO THE SERIES; FOREWORD; PREFACE; CONTRIBUTORS; CONTENTS; 1 STEREOCHEMISTRY OF MOLECULES IN INCLUSION CRYSTALS; 2 TORSIONAL MOTION OF STILBENE-TYPE MOLECULES IN CRYSTALS; 3 SUPRAMOLECULAR NETWORKS OF PORPHYRINS; 4 HOMO- AND HETEROCHIRALITY IN CRYSTALS; 5 SUPRAMOLECULAR SYNTHESIS OF 1D CHAINS AND 2D LAYERS IN HYDROGEN BOND NETWORKS OF UREAS AND 2-PYRIMIDINONES; 6 CHIRAL AUXILIARIES POWERFUL FOR BOTH ENANTIOMER RESOLUTION AND DETERMINATION OF ABSOLUTE CONFIGURATION BY X-RAY CRYSTALLOGRAPHY 7 ENGINEERING STEREOSPECIFIC REACTIONS IN CRYSTALS: SYNTHESIS OF COMPOUNDS WITH ADJACENT STEREOGENIC QUATERNARY CENTERS BY PHOTODECARBONYLATION OF CRYSTALLINE KETONES8 THE CH/HYDROGEN BOND: AN IMPORTANT MOLECULAR FORCE IN CONTROLLING THE CRYSTAL CONFORMATION OF ORGANIC COMPOUNDS AND THREE-DIMENSIONAL STRUCTURE OF BIOPOLYMERS;

9 STEREOSELECTIVE THERMAL SOLID-STATE REACTIONS; 10 CRYSTAL STRUCTURES AND FUNCTIONALITIES OF PLATINUM(II) COMPLEXES CONTROLLED BY VARIOUS INTERMOLECULAR INTERACTIONS; SUBJECT INDEX; CUMULATIVE AUTHOR INDEX, VOLUMES 1-25; CUMULATIVE TITLE INDEX, VOLUMES 1-25

Sommario/riassunto

Topics in Stereochemistry, previously edited by "the father of stereochemistry" Ernest L. Eliel, is a longstanding, successful series covering the most important advances in the field. The much-anticipated Volume 25 includes chapters on the following topics:* Stereochemistry of Molecules in Inclusion Crystals* Torsional Motion of Stilbene-type Molecules in Crystals* Supramolecular Networks of Porphyrins* Homo- and Heterochirality in Crystals* Supramolecular Synthesis of 1D Chains and 2D Layers in Hydrogen Bond Networks of Ureas and 2-D Pyrimidinones* Chiral Auxiliaries
