

Tetrahedron: Asymmetry Vol. 20, No. 2, 2009

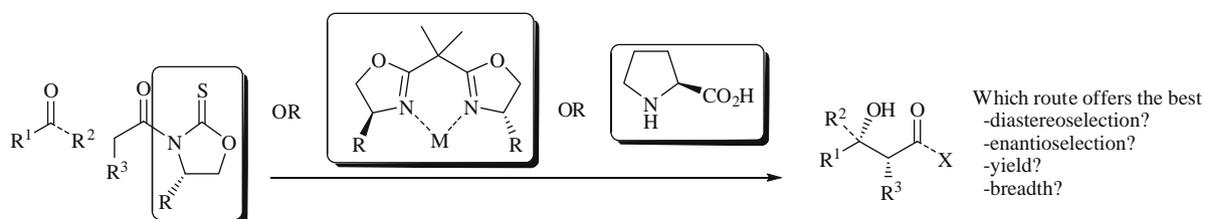
Contents

Report

The state of the art in asymmetric induction: the aldol reaction as a case study

pp 131–173

Laina M. Geary, Philip G. Hultin *

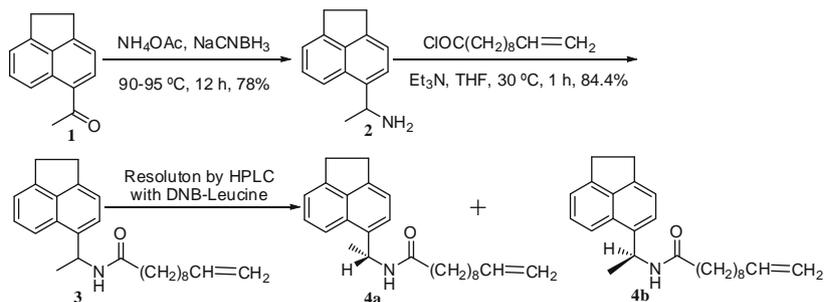


Articles

Synthesis and enantiomer separation of 5-(10-undecentylamido)-acenaphthene

pp 175–178

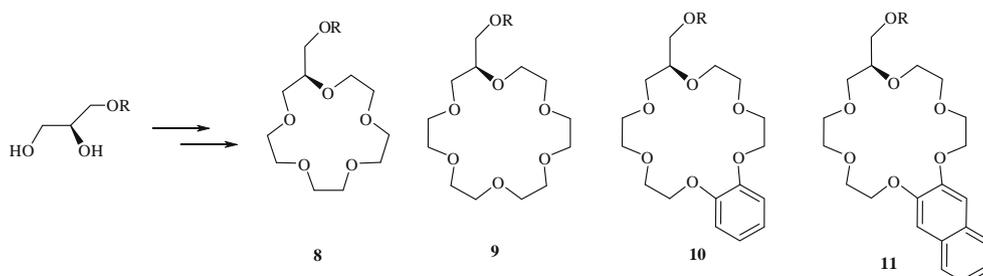
Yongmei Xie, Yiwen Zhang, Wenli Zheng, Chao Fu, Hang Song *



Chiral lariat ethers as membrane carriers for chiral amino acids and their sodium and potassium salts

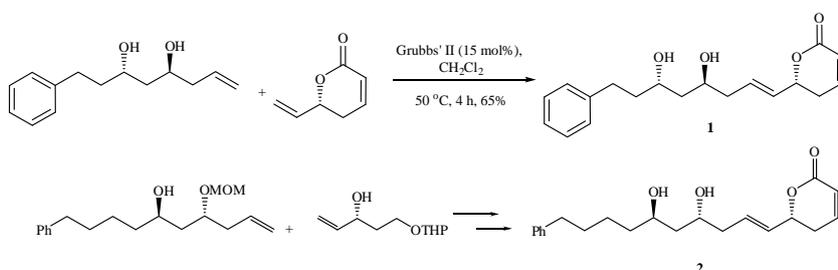
pp 179–183

Işıl Aydın, Tarık Aral, Mehmet Karakaplan *, Halil Hoşgören



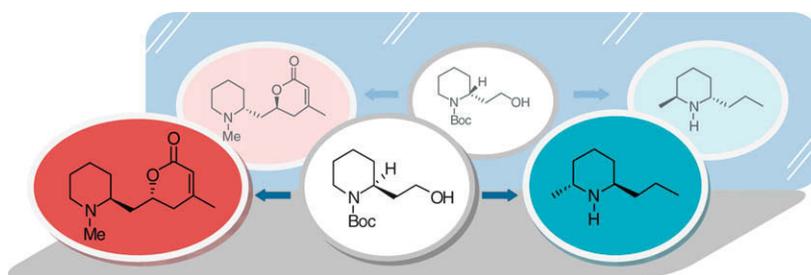
Stereoselective total synthesis of (+)-strictifolone and (6R)-6-[(4R,6R)-4,6-dihydroxy-10-phenyldec-1-enyl]-5,6-dihydro-2H-pyran-2-one by Prins reaction and olefin cross-metathesis pp 184–191

Gowravaram Sabitha *, Narjis Fatima, Peddabuddi Gopal, C. Nagendra Reddy, Jhillu S. Yadav



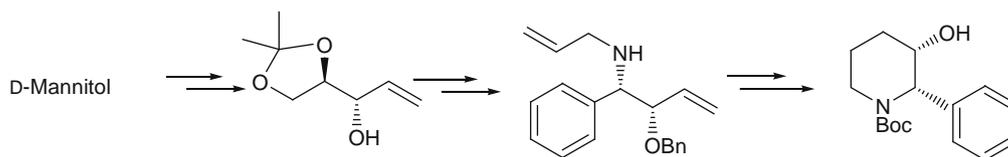
Enantiopure N-Boc piperidine-2-ethanol for the synthesis of (+)- and (-)-dumetorine, and (+)- and (-)-epidihydropinidine pp 192–197

Daniele Passarella *, Sergio Riva, Gabriele Grieco, Francesco Cavallo, Begoña Checa, Federica Arioli, Elena Riva, Daniela Comi, Bruno Danieli



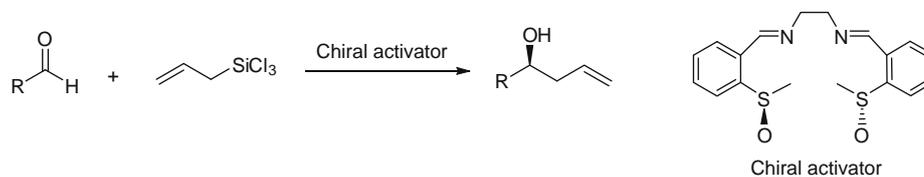
Stereoselective synthesis of (2S,3S)-3-hydroxy-2-phenylpiperidine from D-mannitol pp 198–201

Mallam Venkataiah, B. Venkateswara Rao, Nitin W. Fadnavis *



A catalytic asymmetric allylation of aldehydes with allyl trichlorosilane activated by a chiral tetradentate bis-sulfoxide pp 202–204

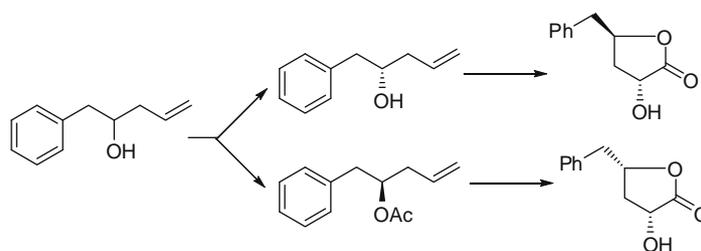
Antonio Massa *, Maria Rosaria Acocella, Vincenzo De Sio, Rosaria Villano, Arrigo Scettri *



Chemoenzymatic asymmetric synthesis of harzia lactone A stereomers

pp 205–209

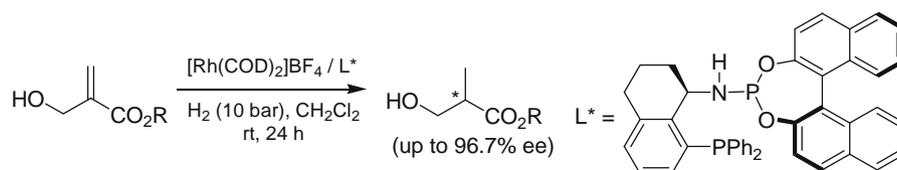
Abha N. Kumar, Suchitra Bhatt, Subrata Chattopadhyay *



Asymmetric synthesis of chiral Roche ester and its derivatives via Rh-catalyzed enantioselective hydrogenation with chiral phosphine-phosphoramidite ligands

pp 210–213

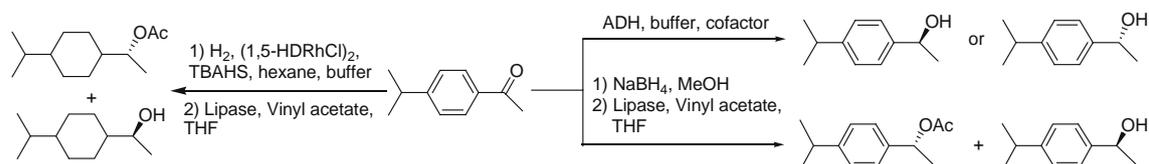
Min Qiu, Dao-Yong Wang, Xiang-Ping Hu *, Jia-Di Huang, Sai-Bo Yu, Jun Deng, Zheng-Chao Duan, Zhuo Zheng *



Chemoenzymatic synthesis of optically active Mugetanol isomers: use of lipases and oxidoreductases in fragrance chemistry

pp 214–219

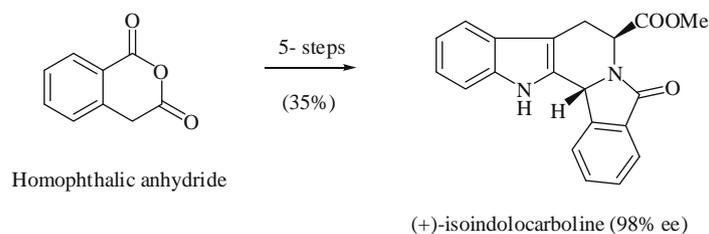
Gizelle A.B. Vieira, Telma L.G. Lemos, Marcos Carlos de Mattos *, Maria da Conceição F. de Oliveira, Vânia M.M. Melo, Gonzalo de Gonzalo, Vicente Gotor-Fernández, Vicente Gotor *



Stereoselective synthesis of (+)-isoindolo-β-carboline

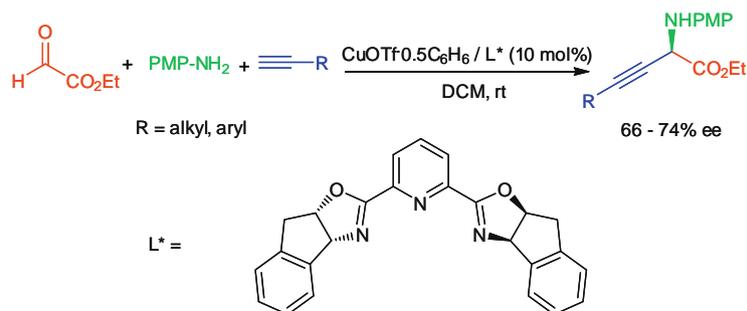
pp 220–224

Prasad B. Wakchaure, Vedavati G. Puranik, Narshinha P. Argade *



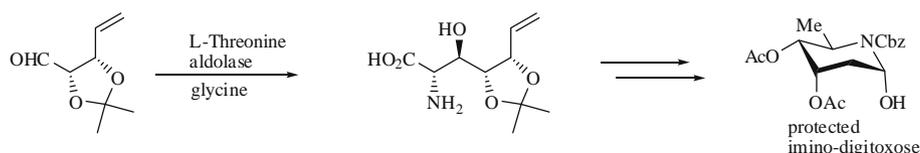
Enantioselective, copper(I)-catalyzed three-component reaction for the synthesis of β,γ -alkynyl α -amino acid derivatives pp 225–229

Zhihui Shao *, Xuewei Pu, Xiaojiao Li, Baomin Fan, Albert S.C. Chan *



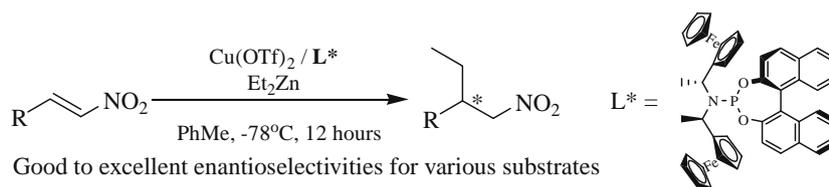
The first enantioselective synthesis of imino-deoxydigitoxose and protected imino-digitoxose by using L-threonine aldolase-catalyzed aldol condensation pp 230–234

Toshihiro Nishiyama, Tetsuya Kajimoto *, Swapnil S. Mohile, Noboru Hayama, Teppei Otsuda, Minoru Ozeki, Manabu Node *



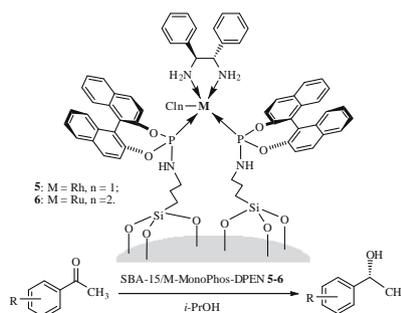
New bis(1-ferrocenylethyl)amine-derived monodentate phosphoramidite ligands for highly enantioselective copper-catalyzed 1,4-conjugate addition pp 235–239

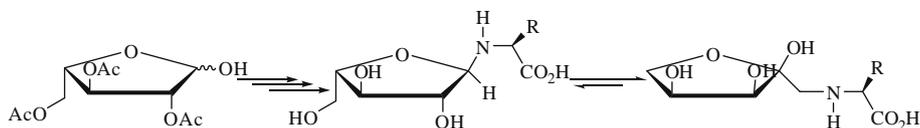
Dong-Yun Zou, Zheng-Chao Duan, Xiang-Ping Hu *, Zhuo Zheng *



Mesoporous SBA-15-supported chiral catalysts: preparation, characterization and asymmetric catalysis pp 240–246

Guohua Liu *, Mouming Liu, Yunqiang Sun, Jianyao Wang, Chuanshou Sun, Hexing Li *





OTHER CONTENTS

Stereochemistry abstracts

pp A13–A36

Tetrahedron: Asymmetry Reports

pp I–III

Cumulative author index

p V

*Corresponding author

Available online at www.sciencedirect.com



Indexed/Abstracted in: Beilstein, BIOSIS Previews, Chemical Abstracts, Current Contents: Physical, Chemical and Earth Sciences, Derwent Biotechnology Abstracts, Derwent Drug File, Ei Compendex, EMBASE/Excerpta Medica, PASCAL, Research Alert, Science Citation Index, SciSearch. Also covered in the abstract and citation database SCOPUS®. Full text available on ScienceDirect®



ELSEVIER

ISSN 0957-4166