

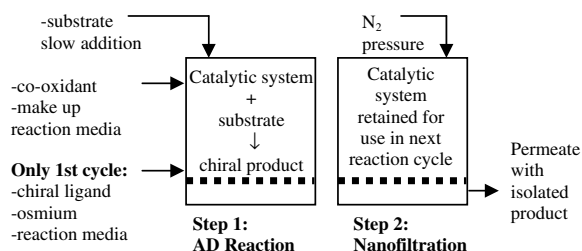
Contents

COMMUNICATION

Application of nanofiltration to re-use the sharpless asymmetric dihydroxylation catalytic system

pp 1637–1641

Frederico Castelo Ferreira,* Luís C. Branco, Kaushal Kishor Verma, João G. Crespo* and Carlos A. M. Afonso*

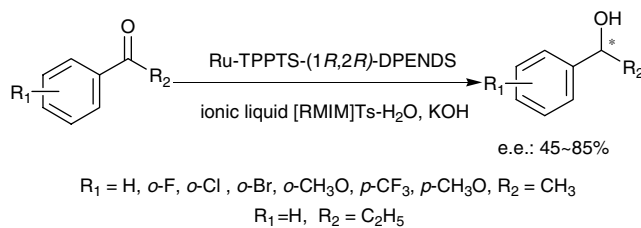


ARTICLES

Asymmetric hydrogenation of aromatic ketones catalyzed by achiral monophosphine TPPTS-stabilized Ru in ionic liquids

pp 1643–1647

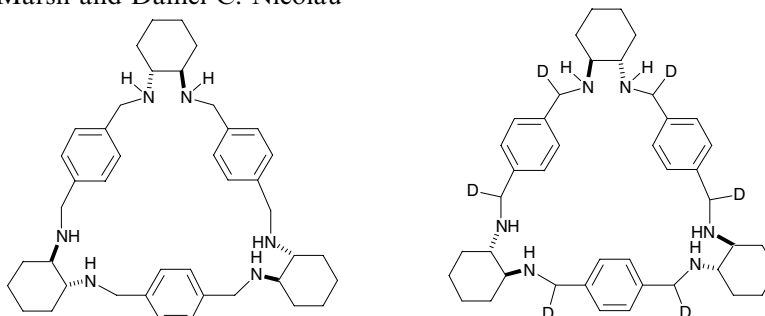
Jinbo Wang, Jian Feng, Ruixiang Qin, Haiyan Fu, Maolin Yuan, Hua Chen* and Xianjun Li



The application of quasi-enantiomeric trianglamine macrocycles as chiral probes for anion recognition in ion trap ESI mass spectrometry

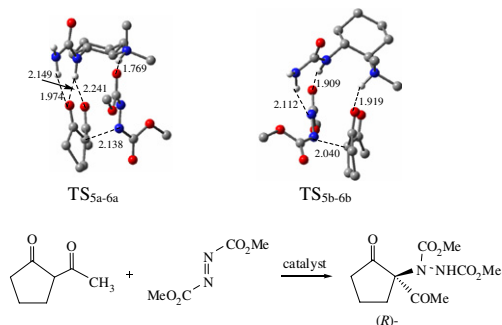
pp 1648–1654

Nikolai Kuhnert,* David Marsh and Daniel C. Nicolau



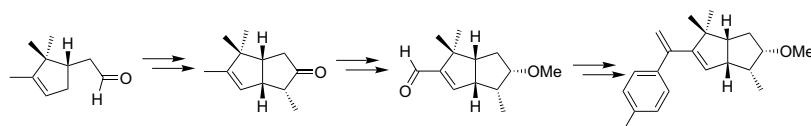
Theoretical study on the enantioselective α -amination reaction of 1,3-dicarbonyl compounds catalyzed by a bifunctional-urea pp 1655–1662

Rongxiu Zhu, Dongju Zhang, Jian Wu and Chengbu Liu*



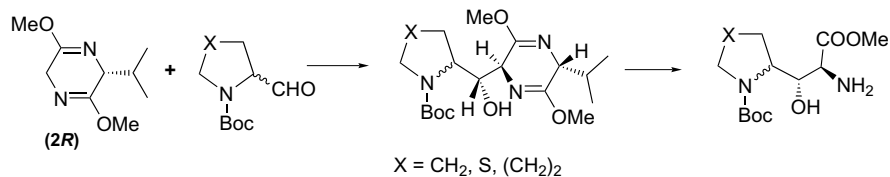
Synthetic approaches to neorogiolanes: enantiospecific synthesis of 12-methoxyneorogiola-1,3,5,7(17),8-pentaene pp 1663–1666

Adusumilli Srikrishna* and Vijayendran Gowri



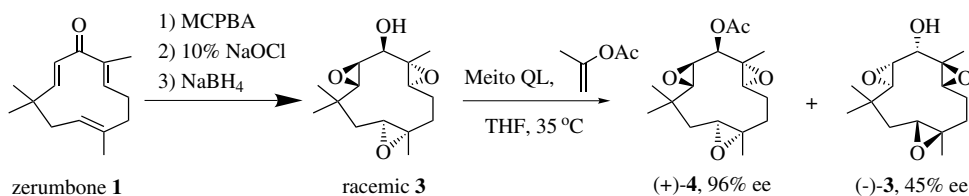
Stereoselective synthesis of β -hydroxy- α -amino acids β -substituted with non-aromatic heterocycles pp 1667–1675

Giuseppe Cremonesi, Piero Dalla Croce, Francesco Fontana, Alessandra Forni and Concetta La Rosa*



Asymmetric synthesis of triepoxyzerumbol pp 1676–1681

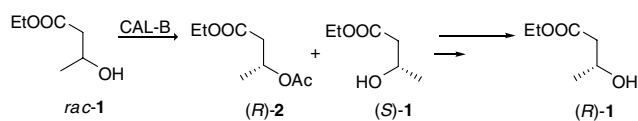
Takashi Kitayama,* Yasuhiko Yoshida, Jun-ichi Furukawa, Yasushi Kawai and Seiji Sawada



Transformation of racemic ethyl 3-hydroxybutanoate into the (*R*)-enantiomer exploiting lipase catalysis and inversion of configuration

pp 1682–1687

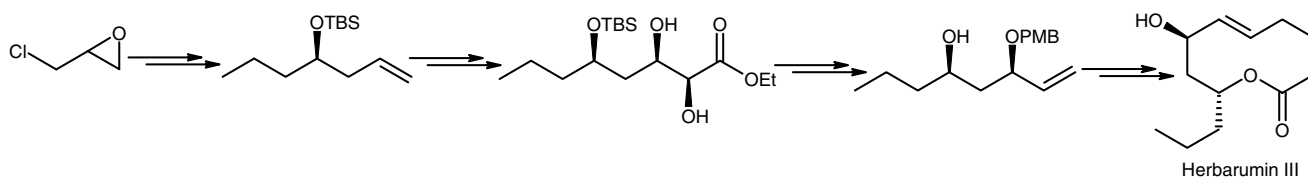
Mihaela C. Turcu, Eero Kiljunen and Liisa T. Kanerva*



Formal synthesis of herbarumin III

pp 1688–1692

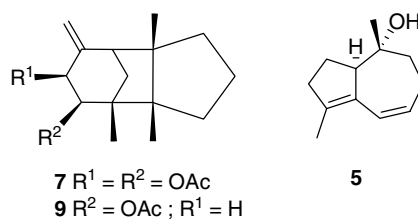
Priti Gupta and Pradeep Kumar*



Sesquiterpenoids and norsesquiterpenoids from three liverworts

pp 1693–1700

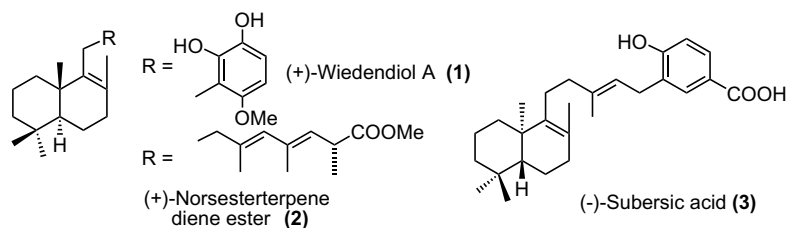
Adewale M. Adio* and Wilfried A. König



Natural product synthesis from (*8aR*)- and (*8aS*)-bicycloparnesols: synthesis of (+)-wiedendiol A, (+)-norsesterterpene diene ester and (–)-subersic acid

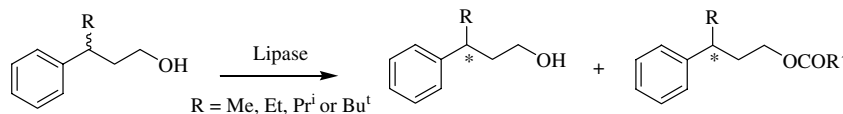
pp 1701–1711

Yuusuke Arima, Masako Kinoshita and Hiroyuki Akita*



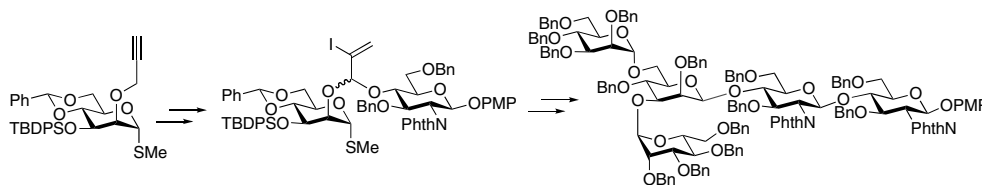
Lipase catalyzed acylation of primary alcohols with remotely located stereogenic centres: the resolution of (\pm)-4,4-dimethyl-3-phenyl-1-pentanol pp 1712–1720

Sunil Sabbani, Erik Hedenström* and Jimmy Andersson



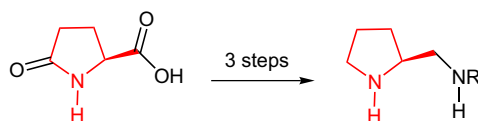
Propargyl mediated intramolecular aglycon delivery (IAD): applications to the synthesis of core N-glycan oligosaccharides pp 1721–1734

Emanuele Attolino, Thomas W. D. F. Rising, Christoph D. Heidecke and Antony J. Fairbanks*



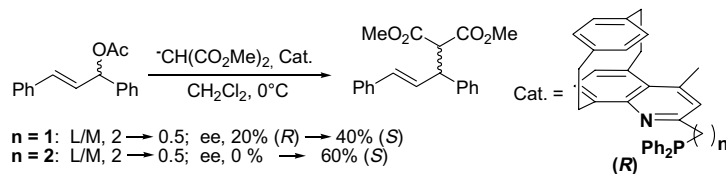
Synthesis and characterization of chiral 1,2-diamines from 5-oxo-pyrrolidine-(S)-2-carboxylic acid pp 1735–1741

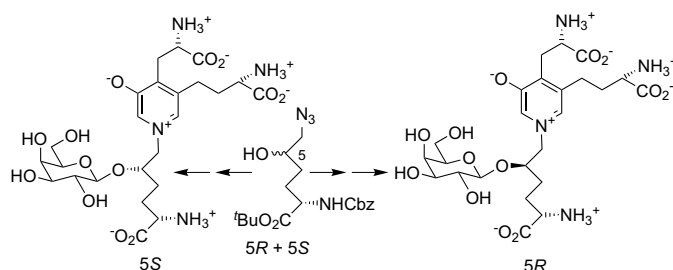
Uwe Köhn, Andrea Schramm, Florian Kloß, Helmar Görls, Evelyn Arnold and Ernst Anders*



Quinolinophane-derived alkylidiphenylphosphines: two homologous P,N-planar chiral ligands for palladium-catalysed allylic alkylation pp 1742–1749

Renzo Ruzziconi,* Claudio Santi and Sara Spizzichino





OTHER CONTENTS

Stereochemistry abstracts
Cumulative author index

pp A315–A341
pp I–IV

*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