

Contents

C. Camara, L. Keller and F. Dumas C. Sanfilippo, G. Nicolosi, G. Delogu, D. Fabbri and M. A. Dettori I. Janowska and J. Zakrzewski T. Yamagishi, M. Ohnuki, T. Kiyooka, D. Masui, K. Sato and M. Yamaguchi C. A. Ogle and J. B. Human T. Prisinzano, L.-W. Hsin, J. E. Folk, J. L. Flippen-Anderson, C. George, A. E. Jacobson and K. C. Rice A. L. Braga, R. M. Rubim, H. S. Schrekker, L. A. Wessjohann, M. W. G. de Bolster, G. Zeni and J. A. Sehnem Z. Guangyou, L. Yuqing, W. Zhaojun, H. Nohira and T. Hirose A. Breuning, R. Vicik and T. Schirmeister S. Serra, E. Brenna, C. Fuganti and F. Maggioni B. F. Bonini, M. Fochi, M. Comes-Franchini, A. Ricci, L. Thijs and B. Zwanenburg M. Tollabi, E. Framery, C. Goux-Henry and D. Sinou J. Pawłowska, Z. Czarnocki, K. Wojtasiewicz and J. K. Maurin A. Klys, J. Zakrzewski and L. Jerzykiewicz M. Li, K. Yuan, Y.-Y. Li, B.-X. Cao, J. Sun and X.-L. Hou R. Galeazzi, G. Martelli, G. Mobbili, M. Orena and S. Rinaldi A. E. Wróblewski and A. Halajewska-Wosik	v Contributors to this issue vii Graphical abstracts 3261 Announcement – new Editor for <i>Tetrahedron Letters</i> COMMUNICATIONS 3263 Microwave activation of an asymmetric Michael reaction: unexpected behaviour of chiral α -alkoxy imines 3267 Access to optically active 2,2'-dihydroxy-6,6'-dimethoxy-1,1'-biphenyl by a simple biocatalytic procedure 3271 Circular dichroism spectra of planar chiral 2-substituted ferrocenecarboxaldehydes and 2-ferrocenyl-1,1-dicyanoethylenes 3275 Construction of <i>P</i> -stereogenic center by selective ligation of N–P–N type ligands and application to asymmetric allylic substitution reactions 3281 Chiral lithiothiophenes as non-transferable ligands in organocuprate conjugate addition reactions ARTICLES 3285 A concise synthesis of (<i>S</i>)-(+)-1-(4-{2-[bis-(4-fluorophenyl)methoxy]ethyl}-piperazin-1-yl)-2-phenylpropan-2-ol dimaleate 3291 The facile synthesis of chiral oxazoline catalysts for the diethylzinc addition to aldehydes 3297 Resolution of β -aminoalcohols and 1,2-diamines using fractional crystallization of diastereomeric salts of dehydroabietic acid 3301 An improved synthesis of aziridine-2,3-dicarboxylates via azido alcohols—epimerization studies 3313 Lipase-catalyzed resolution of <i>p</i> -menthan-3-ols monoterpenes: preparation of the enantiomer-enriched forms of menthol, isopulegol, <i>trans</i> - and <i>cis</i> -piperitol, and <i>cis</i> -isopiperitenol 3321 Synthesis of ferrocenyl-oxazolines by ring expansion of <i>N</i> -ferrocenoyl-aziridine-2-carboxylic esters 3329 Palladium-catalyzed asymmetric allylic alkylation using chiral glucosamine-based monophosphines 3335 Stereoselective synthesis of (<i>R</i>)-(−)-mianserin 3343 Resolution and determination of the absolute configuration of 3,3',4,4'-tetramethyl-1,1'-diphosphaferrrocene-2-carboxaldehyde 3347 On the role of planar chirality in asymmetric catalysis: Improvement of enantioselectivity in the addition of diethylzinc to aldehydes with planar chiral 1,1'- <i>N,O</i> -ferrocenyl ligands 3353 Synthesis of a conformationally restricted analog of pregabalin by stereoselective alkylation of a chiral pyrrolidin-2-one 3359 An efficient synthesis of an enantiomerically pure phosphonate analogue of L-GABOB
--	--

- M. Toffano, B. Dudot, A. Zaparucha,
J. Royer, M. Sevrin, P. George and
A. Chiaroni**
- C. Della Monica, N. Maulucci,
F. De Riccardis and I. Izzo**
- P. Kielbasiński, R. Żurawiński,
M. Albrycht and M. Mikołajczyk**
- F. Felluga, G. Pitacco, E. Valentin,
A. Coslanich, M. Fermeglia, M. Ferrone
and S. Priol**
- N. Franceschini, S. Da Nascimento,
P. Sonnet and D. Guillaume**
- M. Shi and W. Zhang**
- X. Hu, H. Chen, H. Dai and Z. Zheng**
- 3365 Asymmetric routes towards polyfunctionalized pyrrolidines: application to the synthesis of alkaloid analogues
- 3371 Asymmetric synthesis of (3S,4R,7S)-(-)-3-hydroxy-7-methoxy-2,2,4-trimethyl-decanoic acid, a plausible polyketide fragment of halipeptin A
- 3379 The first enzymatic desymmetrizations of prochiral phosphine oxides
- 3385 Studying enzyme enantioselectivity using combined ab initio and free energy calculations: α -chymotrypsin and methyl *cis*- and *trans*-5-oxo-2-pentylpyrrolidine-3-carboxylates
- 3401 Efficient enantioselective synthesis of 2-substituted thiomorpholin-3-ones
- 3407 Chiral C_1 -symmetric diaminothiophosphoramido-Cu(I) catalyzed asymmetric addition of diethylzinc to *N*-sulfonylimines
- 3415 Synthesis of novel P-ketimine bidentate ferrocenyl ligands with central and planar chirality and comparison in the catalytic activity between P-ketimine and P-aldimine
- 3423 Erratum
- A613 Stereochemistry abstracts
- I Instructions to contributors
- V Cumulative author index



www.tetrahedron.info



Full text of this journal is available, on-line from **ScienceDirect**. Visit www.sciencedirect.com for more information.



This journal is part of **ContentsDirect**, the *free* alerting service which sends tables of contents by e-mail for Elsevier books and journals. You can register for **ContentsDirect** online at: <http://contentsdirect.elsevier.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



Pergamon

ISSN 0957-4166