

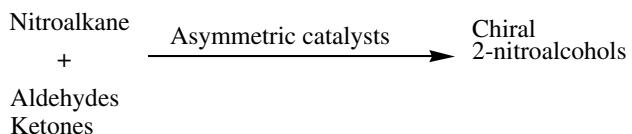
## Contents

## REPORT

**Catalytic asymmetric Henry reaction**

Joshodeep Boruwa, Naminita Gogoi, Partha Pratim Saikia and Nabin C. Barua\*

pp 3315–3326

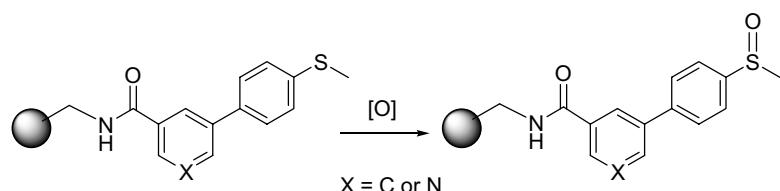


## COMMUNICATIONS

**Sulfoxidations in the solid phase**

Aina Colombo, Fernando Albericio\* and Pilar Forns\*

pp 3327–3331

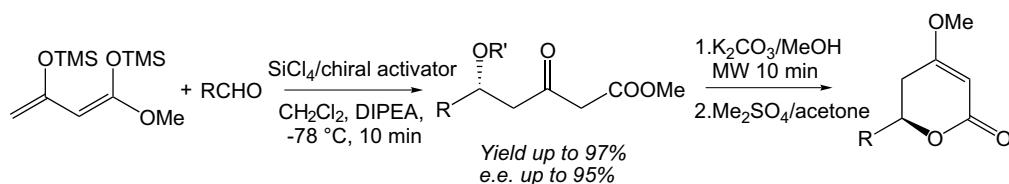


The asymmetric oxidation of a sulfide in solid phase using two distinct scaffolds as models is described.

**A new procedure for the enantioselective vinylogous aldol reaction of Chan's diene**

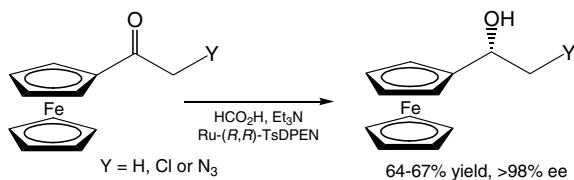
Rosaria Villano,\* Maria Rosaria Acocella, Antonio Massa, Laura Palombi and Arrigo Scettri\*

pp 3332–3334

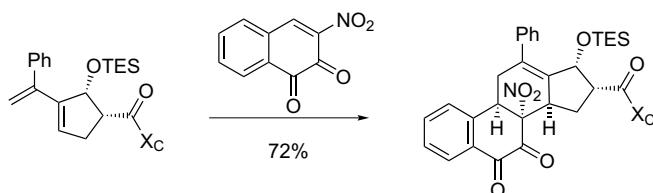


**ARTICLES**

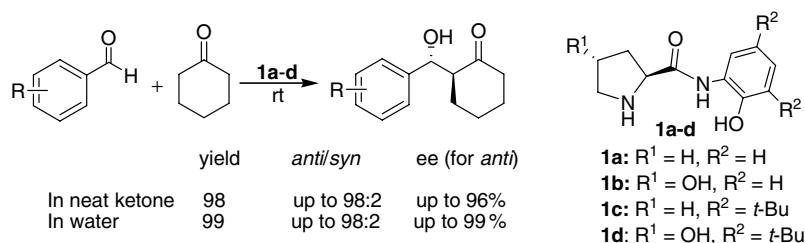
**Asymmetric transfer hydrogenation of ferrocenyl ketones: a new simple route to chiral ferrocenyl alcohols** pp 3335–3340  
 Cleber V. Ursini, Fabrizio Mazzeo and J. Augusto R. Rodrigues\*



**Reversing Dane's strategy: a new, concise, enantioselective synthesis of the steroid nucleus** pp 3341–3350  
 Danny M. Gelman, Penelope A. Mayes, Roger Mulder and Patrick Perlmutter\*

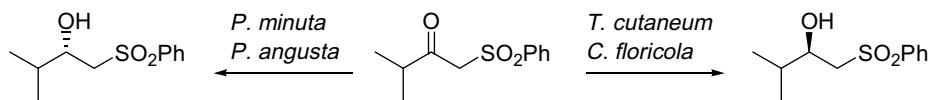


**Direct asymmetric aldol reaction catalyzed by simple prolinamide phenols** pp 3351–3357  
 Yu-Qin Fu, Zai-Chun Li, Li-Na Ding, Jing-Chao Tao,\* Sheng-Hong Zhang and Ming-Sheng Tang\*



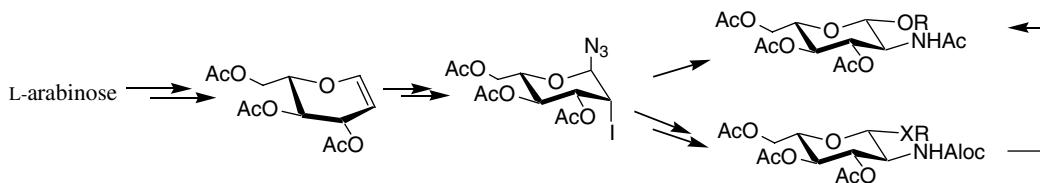
**Screening, substrate specificity and stereoselectivity of yeast strains, which reduce sterically hindered isopropyl ketones** pp 3358–3367

Chihiro Hiraoka, Masaaki Matsuda, Yuya Suzuki, Shigeo Fujieda, Mina Tomita, Ken-ichi Fuhshuku, Rika Obata, Shigeru Nishiyama and Takeshi Sugai\*



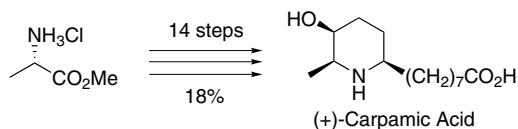
Syntheses of L-glucosamine donors for 1,2-trans-glycosylation reactions  
Dominique Lafont and Paul Boullanger\*

pp 3368–3379



Synthesis of (+)-carpamic acid from (+)-alanine  
Yui Masuda, Takuya Tashiro and Kenji Mori\*

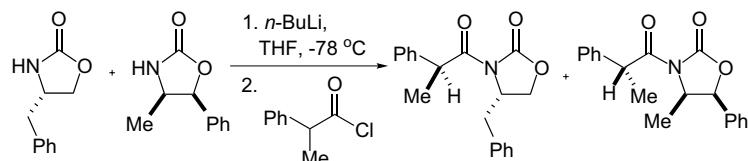
pp 3380–3385



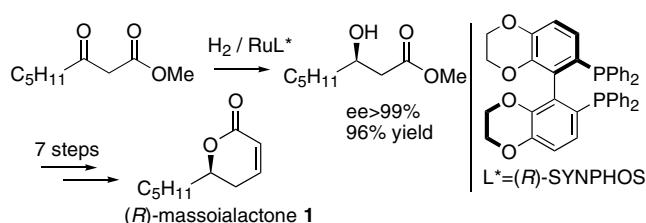
Investigations into the parallel kinetic resolution of 2-phenylpropanoyl chloride using quasi-enantiomeric oxazolidinones

pp 3386–3389

Sameer Chavda, Elliot Coulbeck, Gregory S. Coumbarides, Marco Dingjan, Jason Eames,\* Stephanos Ghilagaber and Yonas Yohannes



Synthesis of enantiopure (*R*)-(–)-massoialactone through ruthenium-SYNPHOS® asymmetric hydrogenation pp 3400–3405  
Ridha Touati, Virginie Ratovelomanana-Vidal,\* Béchir Ben Hassine\* and Jean-Pierre Genêt

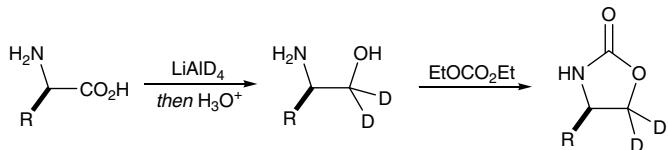


---

**Synthesis, characterisation and application of enantiomeric isotopomers of Evans' oxazolidinones**

pp 3406–3422

Ewan Boyd, Sameer Chavda, Elliot Coulbeck, Gregory S. Coumbarides, Marco Dingjan, Jason Eames,\* Anthony Flinn, Aarti K. Krishnamurthy, Mariam Namutebi, Julian Northen and Yonas Yohannes

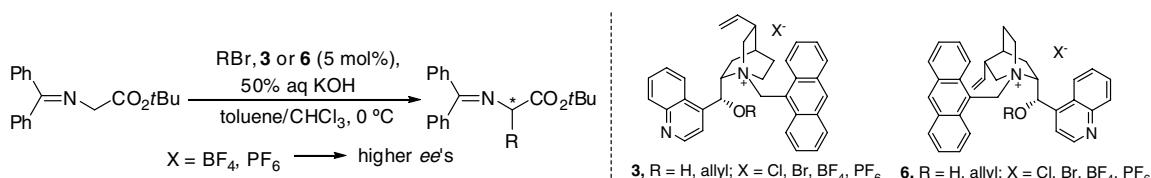


---

**Improved conditions for the asymmetric synthesis of  $\alpha$ -amino acids using *Cinchona*-derived anthracenylmethyl ammonium salts as chiral phase-transfer organocatalysts**

pp 3423–3429

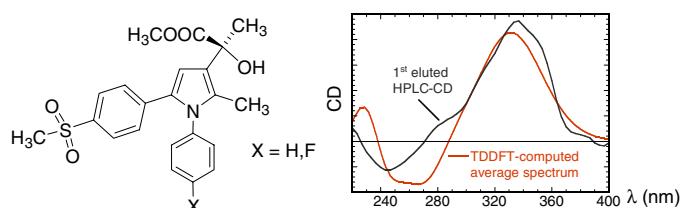
Rafael Chinchilla, Carmen Nájera\* and Francisco J. Ortega



---

**Synthesis, resolution, and absolute configuration of two novel and selective cyclooxygenase-2 inhibitors based on the 1,5-diarylpyrrole structure** pp 3430–3436

Lorenzo Di Bari, Gennaro Pescitelli, Piero Salvadori,\* Michele Rovini, Maurizio Anzini,\* Andrea Cappelli and Salvatore Vomero



## OTHER CONTENTS

Stereochemistry abstracts	pp A719–A746
Tetrahedron: <i>Asymmetry Reports</i>	pp I–III
Instructions to contributors	pp IV–VII
Cumulative author index	pp VIII–XVI

\*Corresponding author

---

Available online at [www.sciencedirect.com](http://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®

---



ISSN 0957-4166