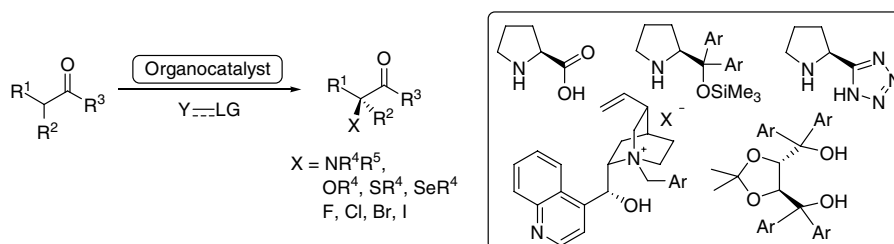


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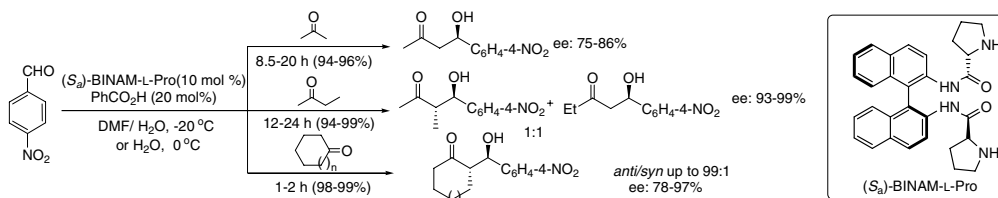
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Enantioselective  $\alpha$ -heterofunctionalisation of carbonyl compounds: organocatalysis is the simplest approach pp 1465–1492  
Gabriela Guillena\* and Diego J. Ramón\*



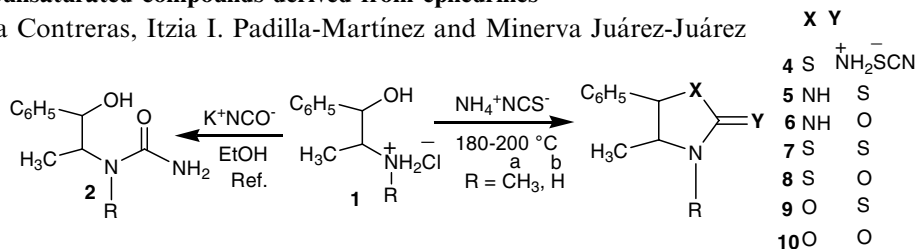
COMMUNICATION

High acceleration of the direct aldol reaction cocatalyzed by BINAM-prolinamides and benzoic acid in aqueous media pp 1493–1497  
Gabriela Guillena, María del Carmen Hita and Carmen Nájera\*



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1,3-Heterazolidines-2-heterounsaturated compounds derived from ephedrines pp 1499–1505  
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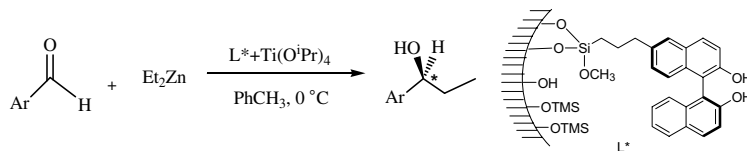


Ephedrines **1a,b**-(*e,t*) with potassium cyanate in refluxing ethanol, produce ephedrineureas **2a,b**-(*e,t*). When ephedrines **1a,b**-(*e,t*) are heated with ammonium thiocyanate under solvent free conditions, they produce thiazolidine-2-imine hydrothiocyanate **4a-t**, imidazolidinethione **5a-c**, thiazolidinone **8b-t** and thiazolidine-2-amine hydrothiocyanate **4b-c** in 40–50% yield.

**Enantioselective addition of diethylzinc to aldehydes using immobilized chiral BINOL–Ti complex on ordered mesoporous silicas**

pp 1506–1513

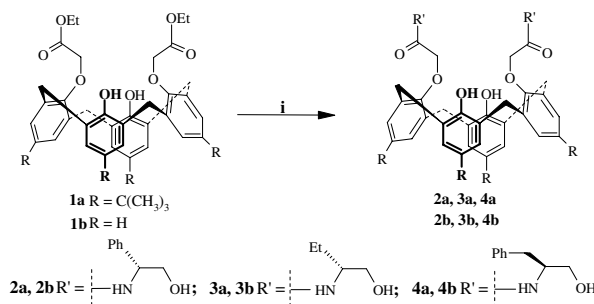
Kavita Pathak, Achyut P. Bhatt, Sayed H. R. Abdi,\* Rukhsana I. Kureshy, Noor-ul H. Khan, Irshad Ahmad and Raksh V. Jasra



**Synthesis of new chiral calix[4]arene diamide derivatives for liquid phase extraction of  $\alpha$ -amino acid methylesters**

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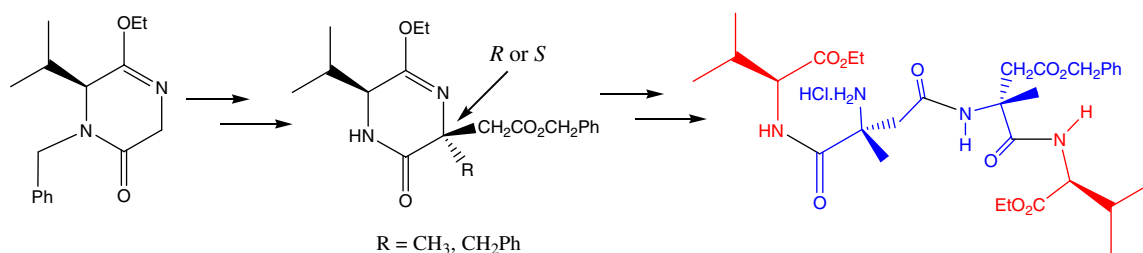
Erdal Kocabas, Aysegul Karakucuk, Abdulkadir Sirit and Mustafa Yilmaz\*



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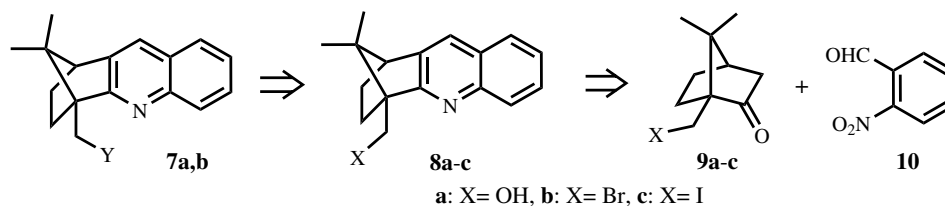
Daniele Balducci, Alessandro Grandi, Gianni Porzi\* and Sergio Sandri\*



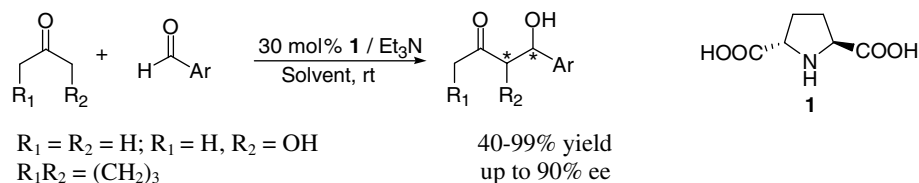
**Synthesis of 4-diphenylphosphanylmethyl- and 4-phenylthiomethyl-1,4-methano-11,11-dimethyl-1,2,3,4-tetrahydroacridine: new N–P and N–S camphor-derived chiral ligands for asymmetric catalysis**

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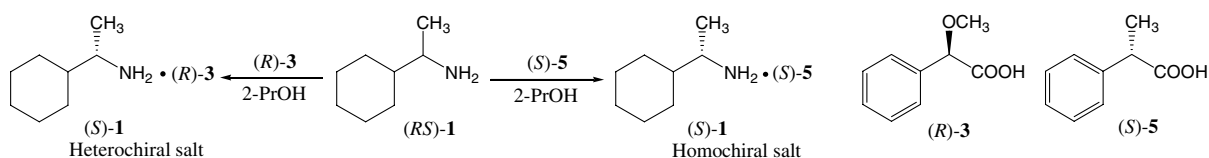
Giorgio Chelucci\* and Salvatore Baldino



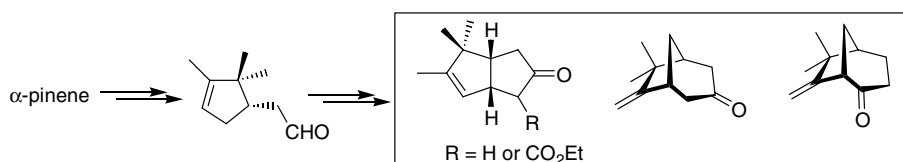
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**Resolution of 1-cyclohexylethylamine via diastereomeric salt formation with enantiopure 2-phenylacetic acids**

Kenichi Sakai,\* Masami Yokoyama, Rumiko Sakurai and Noriaki Hirayama\*

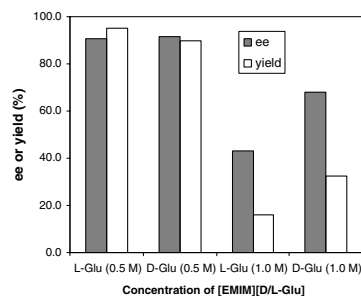
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Adusumilli Srikrishna,\* B. Beeraiah and Gedo Satyanarayana

**Enhancing protease enantioselectivity by ionic liquids based on chiral- or  $\omega$ -amino acids**

Hua Zhao,\* Lee Jackson, Zhiyan Song and Olarongbe Olubajo

Novel ionic liquids (ILs) carrying anions of chiral- or  $\omega$ -amino acids were prepared. Interestingly, higher ees and yields were generally observed in ILs based on D-amino acids rather than in those derived from L-amino acids, especially when these ILs were used in a higher concentration.

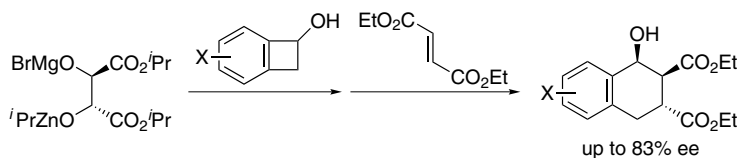


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**Enantioselective Diels–Alder reaction of *o*-quinodimethanes by utilizing tartaric acid ester as a chiral auxiliary**

pp 1554–1560

Motoki Takinami, Yutaka Ukaji\* and Katsuhiko Inomata\*

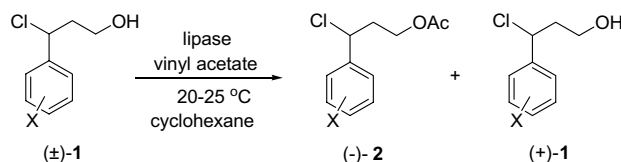


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**Kinetic resolution of primary alcohols having remote stereogenic centers: lipase mediated kinetic resolution of ( $\pm$ )-3-chloro-3-arylpropanols**

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Alper Isleyen, Cihangir Tanyeli\* and Özdemir Dogan\*

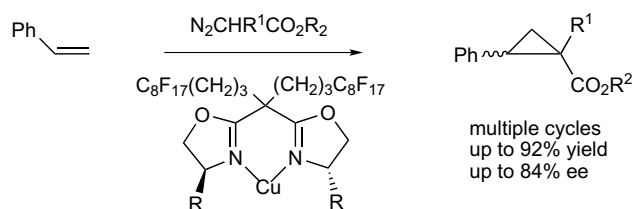


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**Asymmetric cyclopropanation catalyzed by fluororous bis(oxazolines)–copper complexes**

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Jerome Bayardon, Orsolya Holczknecht, Gianluca Pozzi and Denis Sinou\*

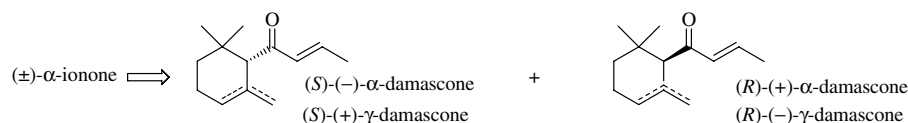


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**Synthesis of the enantiomeric forms of  $\alpha$ - and  $\gamma$ -damascone starting from commercial racemic  $\alpha$ -ionone**

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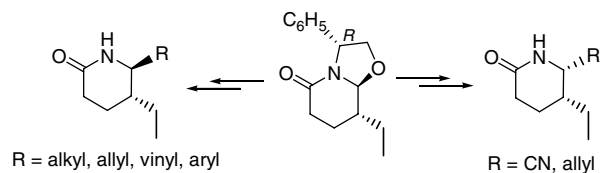
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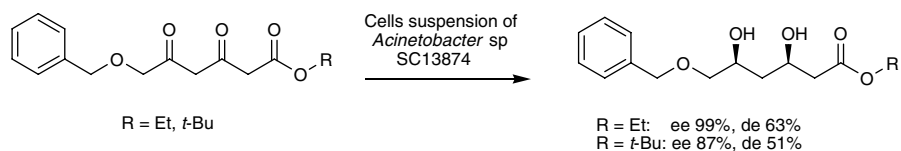
Mercedes Amat,\* Carmen Escolano, Arantxa Gómez-Esqué, Oscar Lozano, Núria Llor, Rosa Griera, Elies Molins and Joan Bosch



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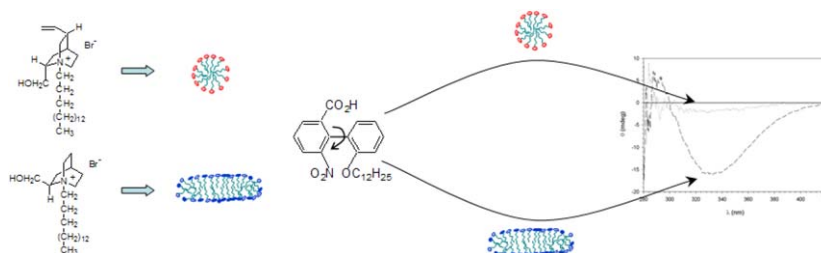
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\*Corresponding author



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