

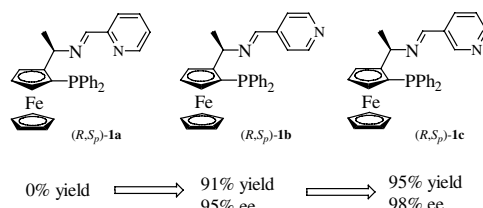
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Novel ferrocenylphosphine-imines containing a pyridine unit as a new family of chiral ligands: the important influence of the position of the pyridine N-atom on the reactivity and enantioselectivity in palladium-catalyzed asymmetric allylic alkylations

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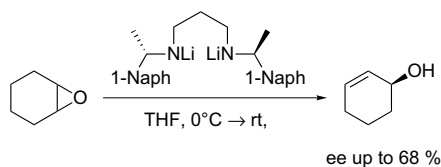
Xiangping Hu, Huicong Dai, Changmin Bai, Huilin Chen and Zhuo Zheng*



Enantioselective catalytic rearrangement of cyclohexene oxide with new homochiral bis-lithium amide bases

pp 1069–1072

Olivier Equey and Alexandre Alexakis*

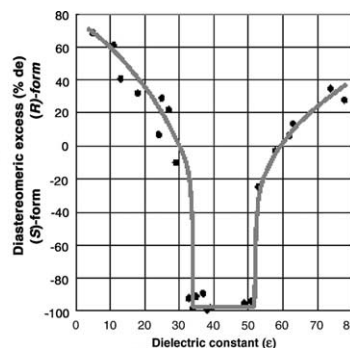
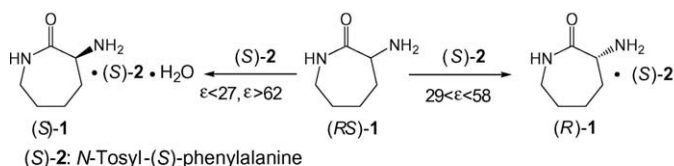


Cyclohexene oxide can be rearranged with good levels of induction (up to 68% ee) with substoichiometric amounts of chiral bases derived from easily available diamines. The influence of the steric bulk of the amine substituents on the rearrangement enantioselectivity has also been studied.

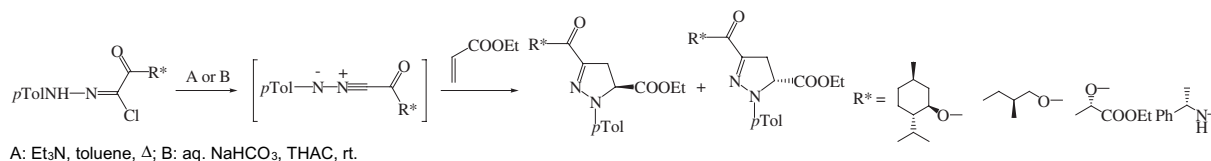
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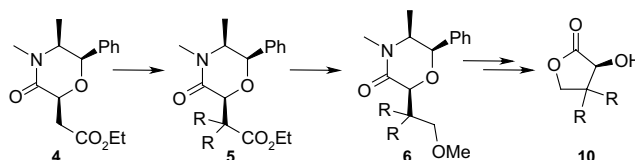
Kenichi Sakai,* Rumiko Sakurai and Noriaki Hirayama*



Giorgio Molteni*



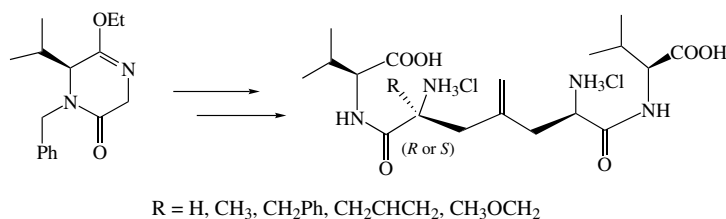
Bidhan A. Shinkre and Abdul Rakeeb A. S. Deshmukh*



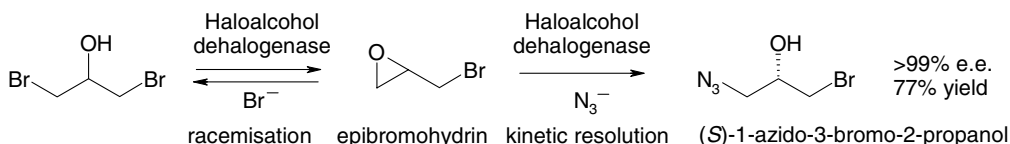
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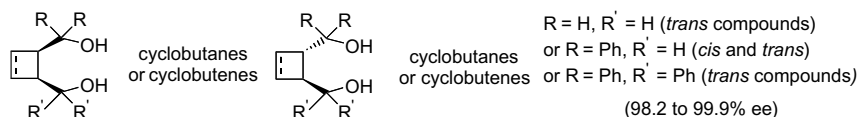


Jeffrey H. Lutje Spelberg, Lixia Tang, Richard M. Kellogg and Dick B. Janssen*



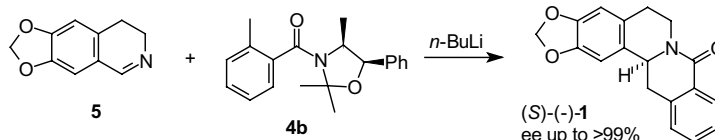
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Christophe Pichon, Christian Alexandre* and François Huet*



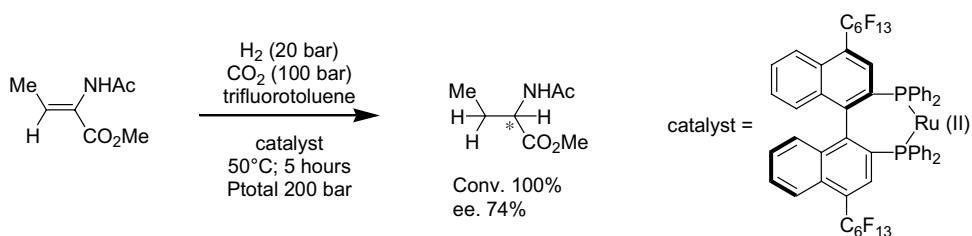
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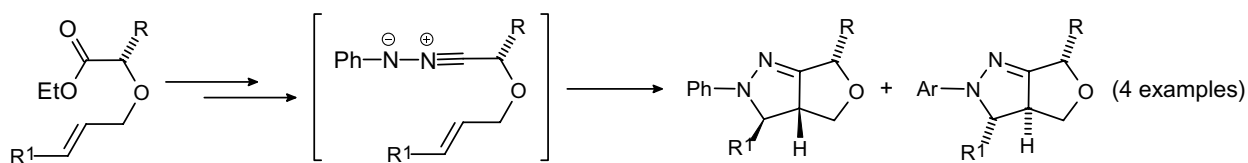
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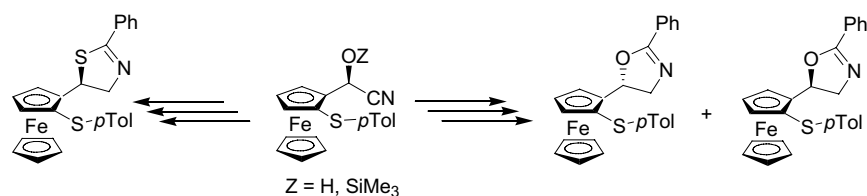
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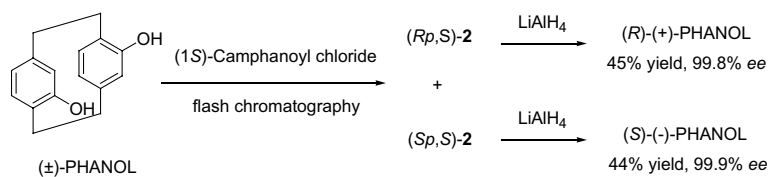
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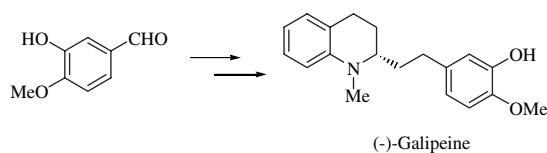
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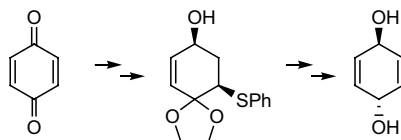
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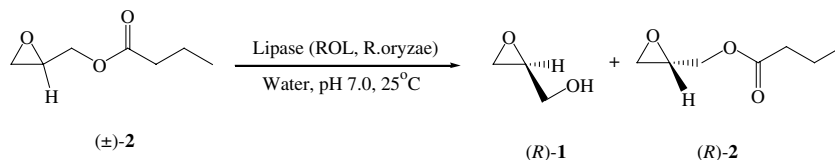
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Enzymatic resolution of (±)-glycidyl butyrate in aqueous media. Strong modulation of the properties of the lipase from *Rhizopus oryzae* via immobilization techniques

pp 1157–1161

Jose M. Palomo, Rosa L. Segura, Gloria Fernandez-Lorente, Jose M. Guisán* and Roberto Fernandez-Lafuente*



Stereoselectivity of *Burkholderia cepacia* lipase towards secondary alcohols: molecular modelling and 3D QSAR approach

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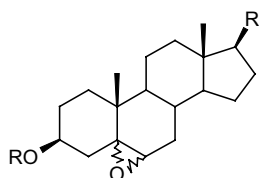
Sanja Tomić,* Branimir Bertoša, Biserka Kojić-Prodić and Istvan Kolosvary

Molecular modelling (Monte Carlo, molecular mechanics and molecular dynamics) and chemometric analysis are used to predict the stereoselectivity of *Burkholderia cepacia* lipase (BCL) towards a set of diverse secondary alcohols and to identify the influence of the individual amino acid residues on the stereodifferentiation.

Highly selective lipase-mediated discrimination of diastereomeric 5,6-epoxysteroids

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M. Manuel Cruz Silva, Sergio Riva and M. Luisa Sá e Melo*

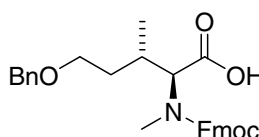


Epimerically pure 3β-hydroxy-5,6-epoxysteroids were obtained by combining selective chemical epoxidations with enzymatic stereoselective esterification of the 3β-hydroxyl group. Mild enzymatic deacylation of the 3β-acetoxy group in the presence of the epoxy functionality was also accomplished.

Asymmetric synthesis of N,O-diprotected (2*S*,3*S*)-*N*-methyl-δ-hydroxyisoleucine, noncoded amino acid of halipeptin A

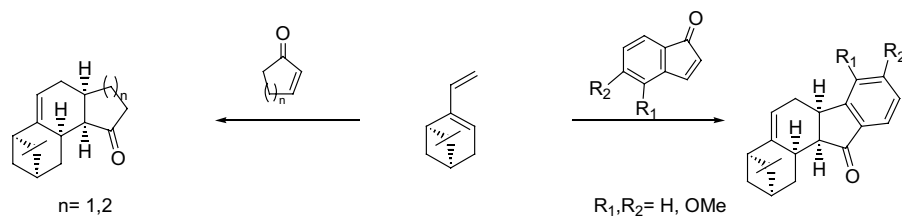
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Irene Izzo,* Elvira Avallone, Luca Della Corte, Nakia Maulucci and Francesco De Riccardis*



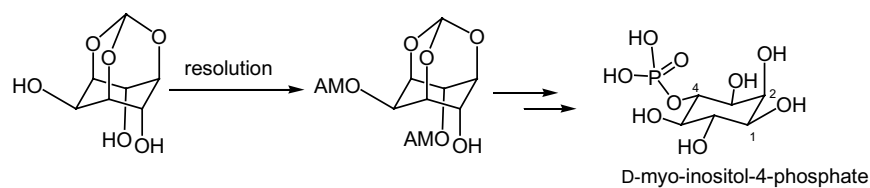
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Lucio Minuti,* Aldo Taticchi,* Assunta Marrocchi, Alessandra Broggi and Eszter Gacs-Baitz



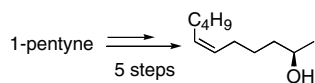
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Kana M. Sureshan and Yutaka Watanabe*



A short enantioselective synthesis of (*R*)-nostrenol**pp 1199–1201**

Nicolas Pétry, Arnaud Parenty and Jean-Marc Campagne*



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*Corresponding author



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ISSN 0957-4166