

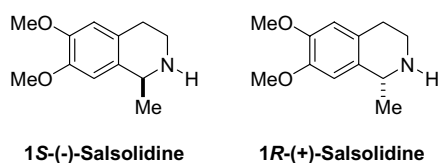
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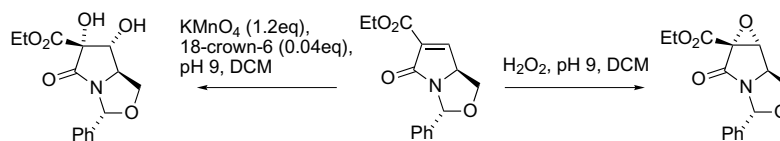


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Stereoselective oxygenation of bicyclic lactams

Ian F. Cottrell, Philip J. Davis and Mark G. Moloney*

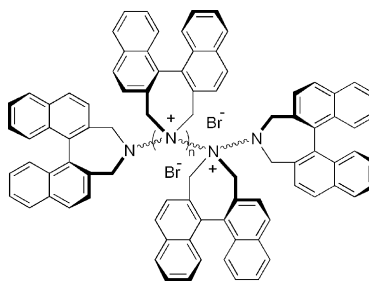
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Design of new polyamine-based chiral phase-transfer catalysts for the enantioselective synthesis of phenylalanine

Taichi Kano, Shunsuke Konishi, Seiji Shirakawa and Keiji Maruoka*

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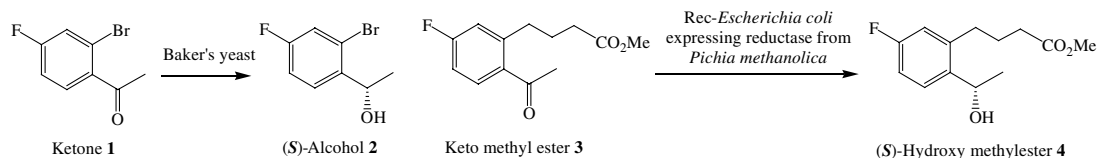


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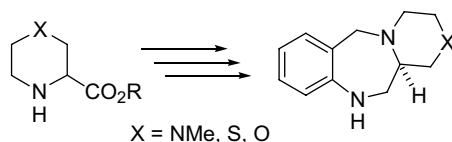
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Synthesis, resolution, and absolute configuration of novel tricyclic benzodiazepines

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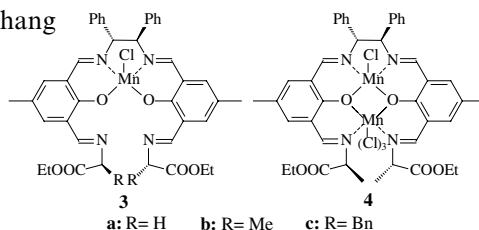
Jay M. Matthews,* Alexey B. Dyatkin, Mary Evangelisto, Diane A. Gauthier, Leonard R. Hecker, William J. Hoekstra, Fuqiang Liu, Brenda L. Poulter, Kirk L. Sorgi and Bruce E. Maryanoff



The asymmetric induction and catalytic activity of new chiral Mn(III)-Schiff-base complexes with L-amino acids as steric groups

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Xin-Wen Liu, Ning Tang,* Yan-Hong Chang and Min-Yu Tan

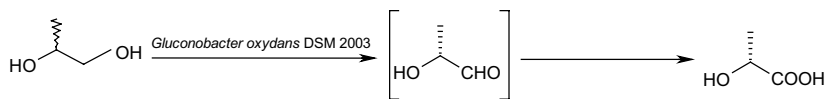


L-Amino acids as inexpensive and readily available groups showed significant chiral inducing and stereo-directing function. The Mn(III)-Schiff-base complexes **3b** and **c** assembled with L-amino acid ethyl esters were found to be highly effective catalysts for the enantioselective epoxidation of conjugated olefins while the corresponding binuclear-Mn(III) complexes showed lower enantioselectivity.

Enantioselective oxidation of racemic 1,2-propanediol to D-(–)-lactic acid by *Gluconobacter oxydans*

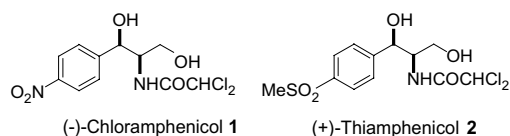
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Wu Su, Zhiyuan Chang, Keliang Gao and Dongzhi Wei*



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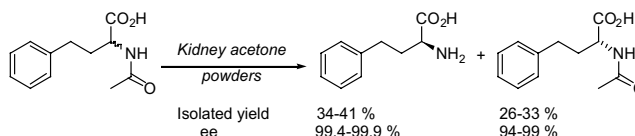
G. Bhaskar, V. Satish Kumar and B. Venkateswara Rao*



Antibiotics **1** and **2** have been synthesized from commercially available 4-nitrobenzaldehyde and 4-(methylthio)benzaldehyde in three and four steps, respectively.

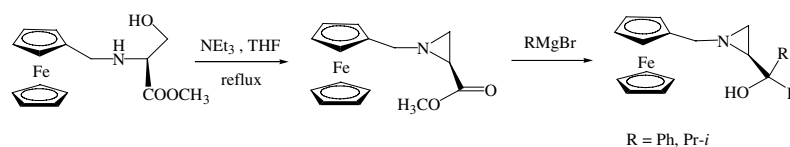
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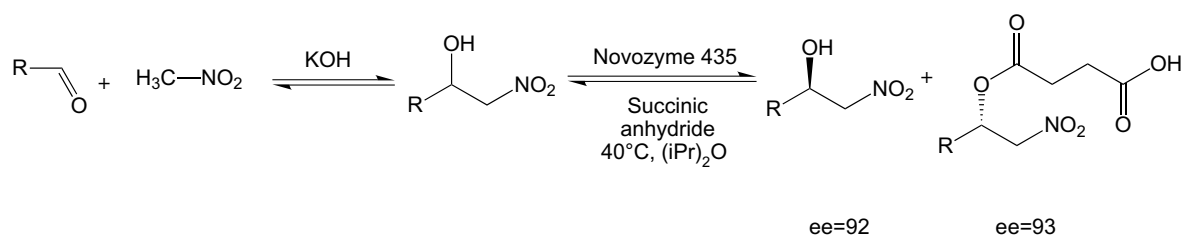
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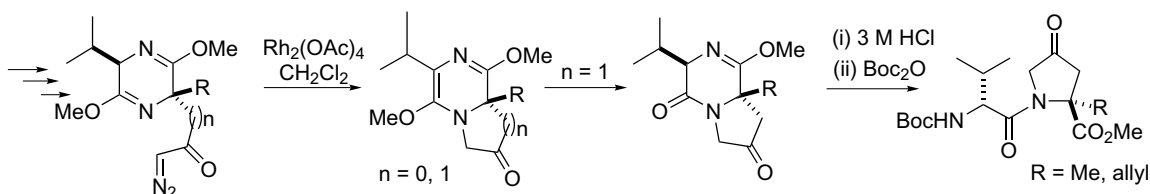
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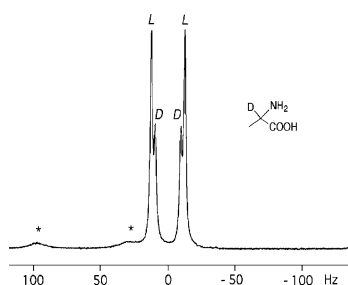
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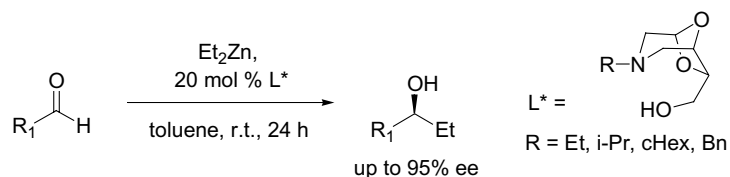
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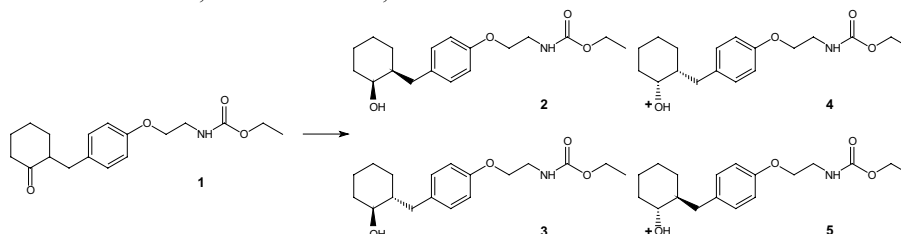
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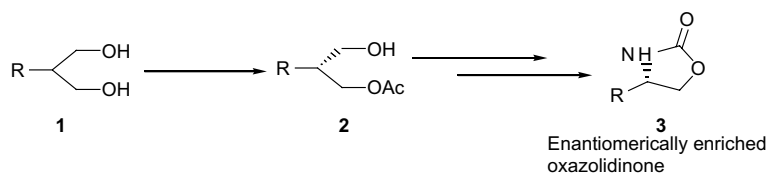
Marie Zarevúcka, Zdeněk Wimmer,* David Šaman, Kateřina Demnerová and Martina Macková



Whole cells of different yeast species were used for the bioreduction of ethyl *N*-{2-[4-((2-oxocyclohexyl)methyl)phenoxy]ethyl}-carbamate **1** to produce the stereoisomers of ethyl *N*-{2-[4-((2-hydroxycyclohexyl)methyl)phenoxy]ethyl}-carbamate **2–5** with ee > 99% for **2** and **3**.

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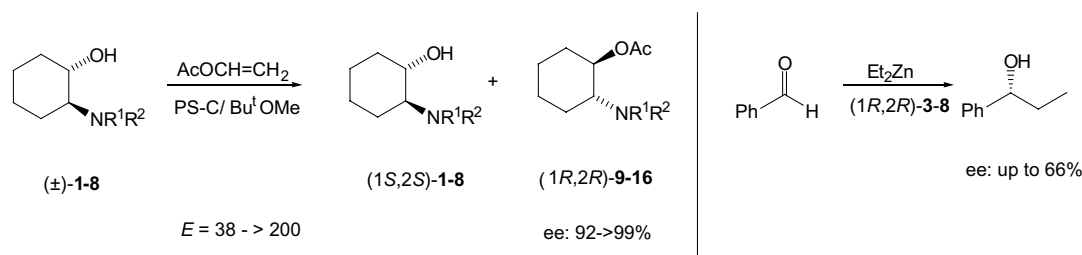
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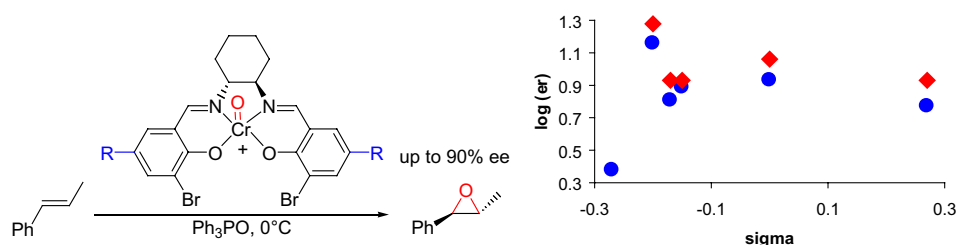
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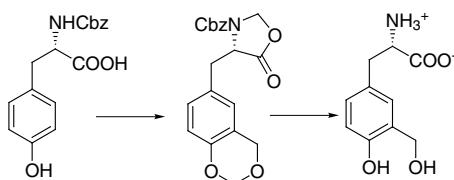
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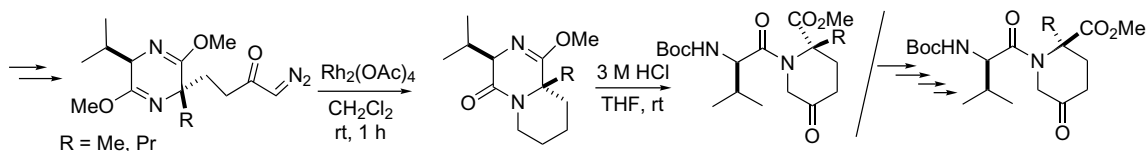


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Pietro Allevi,* Riccardo Cribiù and Mario Anastasia





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*Corresponding author



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