

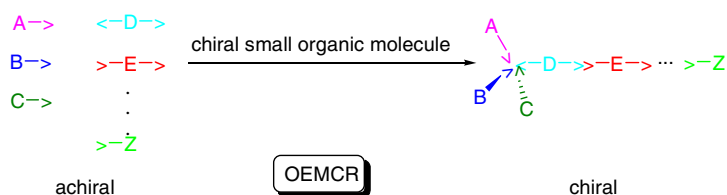
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REPORT

Organocatalytic enantioselective multicomponent reactions (OEMCRs)

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Gabriela Guillena, Diego J. Ramón* and Miguel Yus*

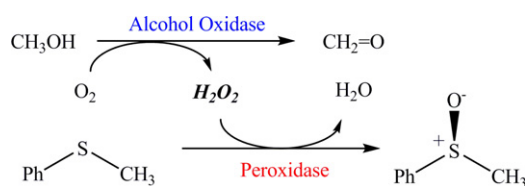


COMMUNICATION

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Fabio Pezzotti and Michel Therisod*

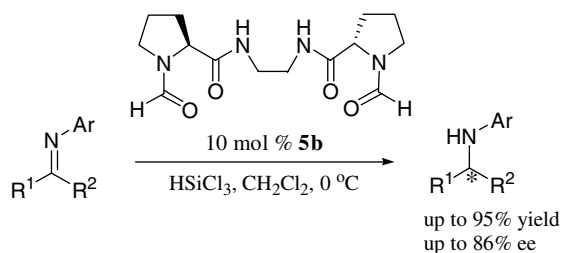


ARTICLES

Enantioselective hydrosilylation of ketimines catalyzed by Lewis basic C₂-symmetric chiral tetraamide

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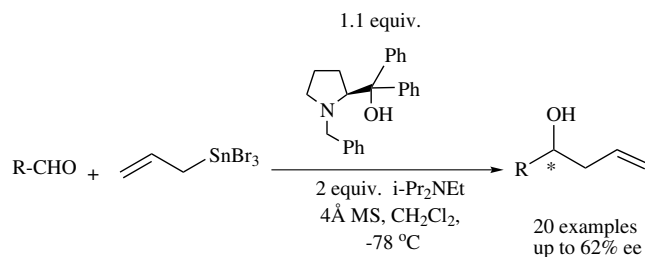
Zhouyu Wang, Siyu Wei, Chao Wang and Jian Sun*



A structurally simple L-proline derivative promotes the asymmetric allylation of aldehydes with tribromoallyltin

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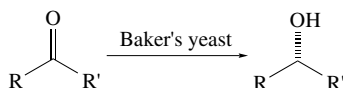
Ling-yan Liu, Jing Sun, Nan Liu, Wei-xing Chang and Jing Li*



***Daucus carota* and baker's yeast mediated bio-reduction of prochiral ketones**

pp 717–723

Jhillu S. Yadav, Garudammagari S. K. K. Reddy, Gowravaram Sabitha, Avvaru D. Krishna, Attaluri R. Prasad, Hafeez-U-R-Rahaman, Katta Vishwaswar Rao and Adari Bhaskar Rao*

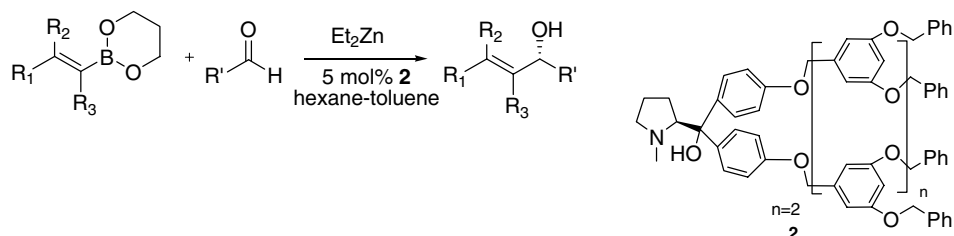


Stereo selective bio-reduction of prochiral ketones like, indanones, tetralones and mono terpene ketones into chiral secondary alcohols using *Daucus carota* root homogenate and fermented baker's yeast cells is described. The application of this methodology in asymmetric bio-reduction of ketones has shown wide substrate specificity, good yields and enantioselectivity in mild and eco-friendly environment.

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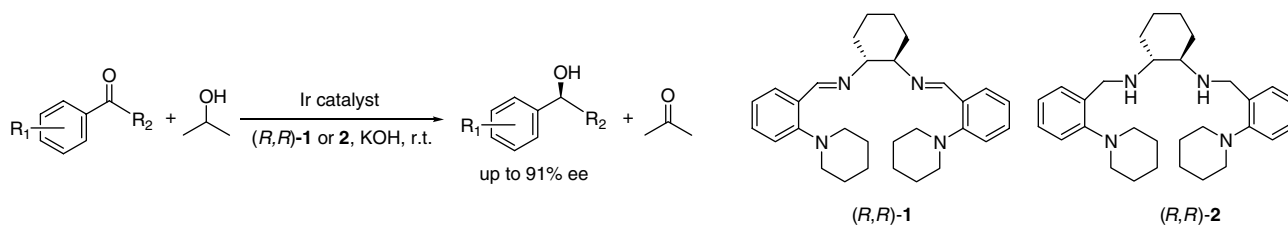
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Novel chiral tetraaza ligands: synthesis and application in asymmetric transfer hydrogenation of ketones

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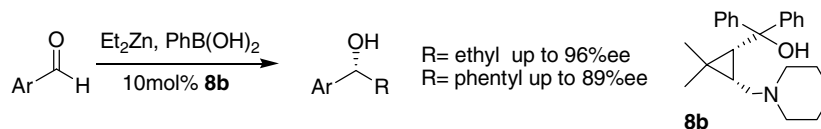
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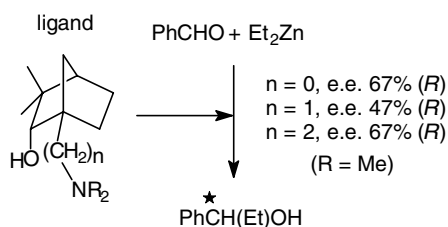
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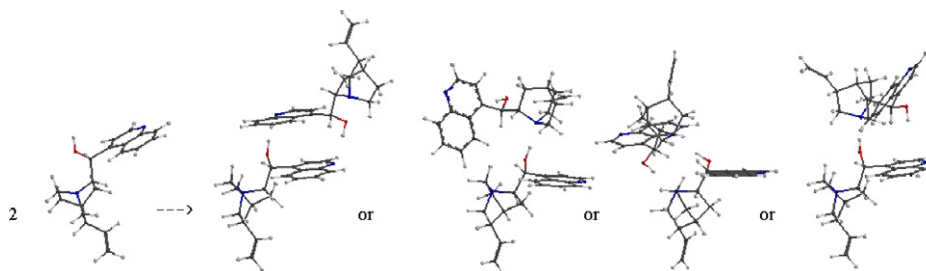
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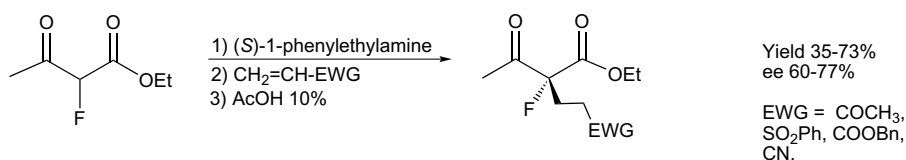
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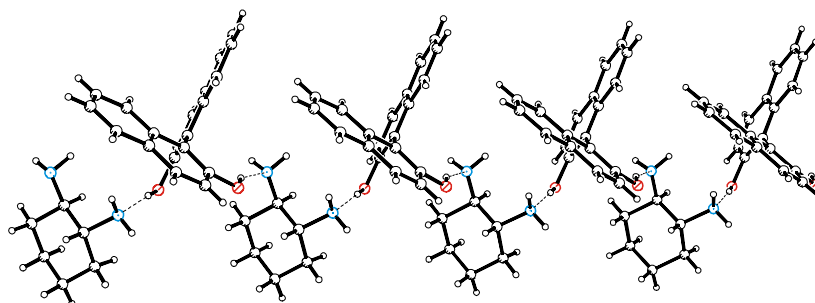
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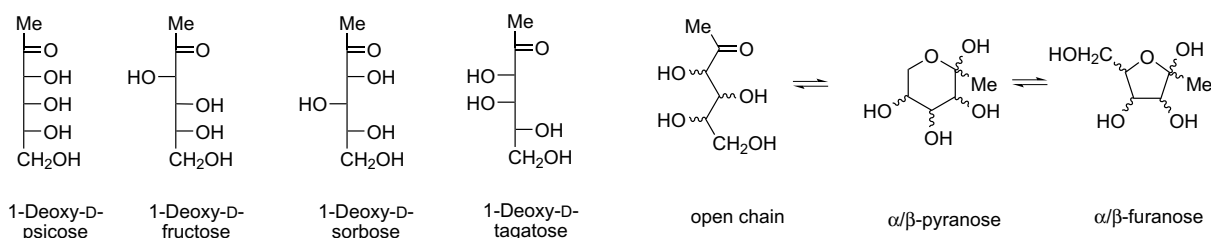
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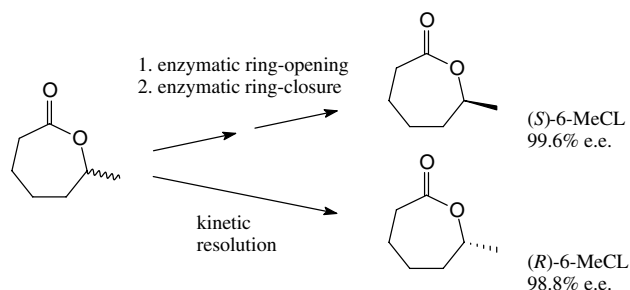
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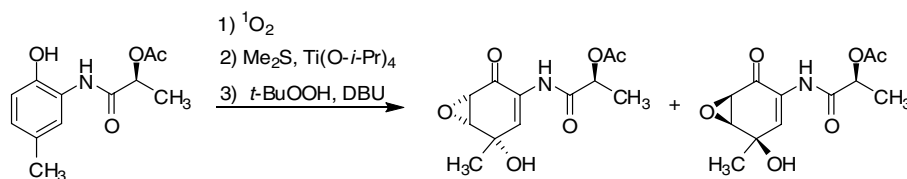
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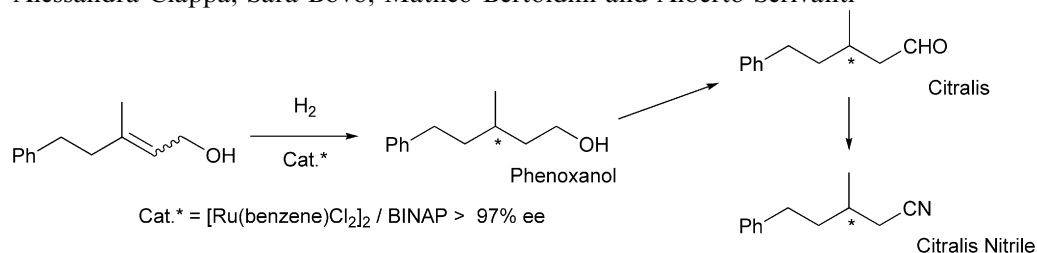
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Kani Zilbeyaz, Ertan Sahin and Hamdullah Kilic*



Ugo Matteoli,* Alessandra Ciappa, Sara Bovo, Matheo Bertoldini and Alberto Scrivanti



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*Corresponding author

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