

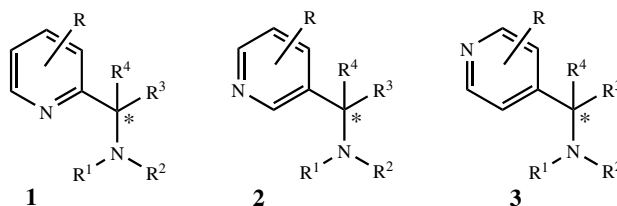
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REPORT

Stereoselective synthesis of optically active 1-substituted-1-pyridyl-methylamines

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Giorgio Chelucci*



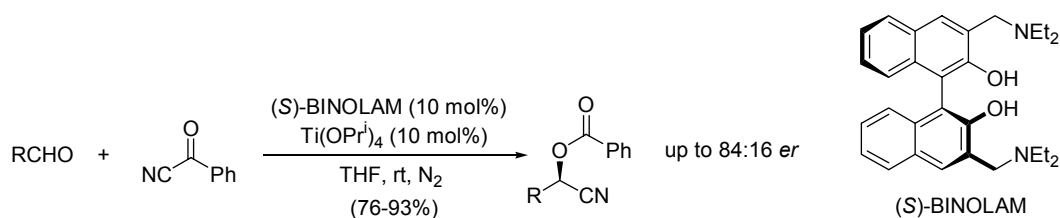
The stereoselective syntheses of chiral 1-substituted-1-(pyridyl)methylamines 1–3, bearing a chiral carbon bonded to the amino group and 2-, 3- or 4-position of the pyridine ring, are reviewed.

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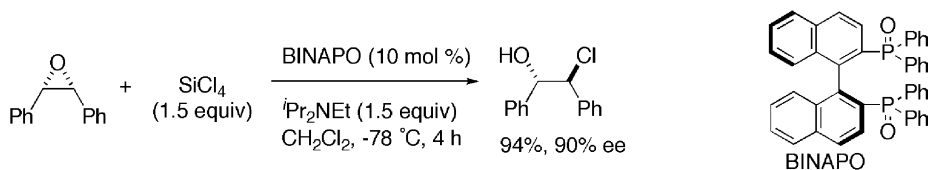
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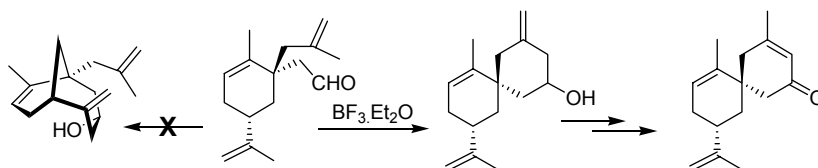
Eisuke Tokuoka, Shunsuke Kotani, Hirofumi Matsunaga, Tadao Ishizuka, Shunichi Hashimoto and Makoto Nakajima*



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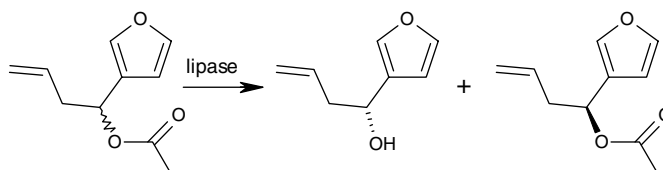
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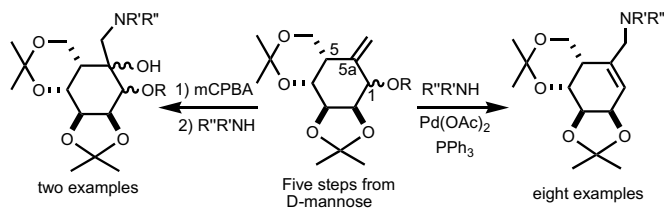


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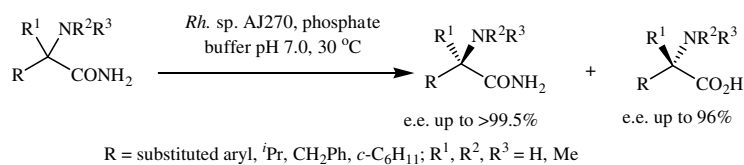
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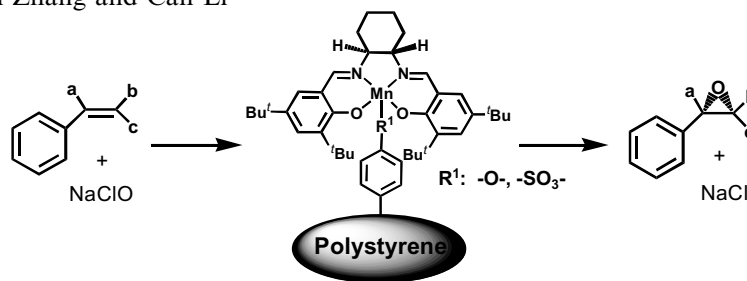
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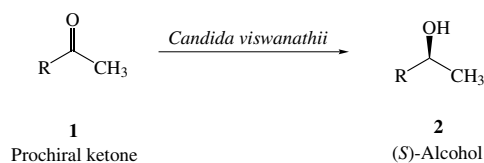
Huidong Zhang, Yanmei Zhang and Can Li*



***Candida viswanathii* as a novel biocatalyst for stereoselective reduction of heteroaryl methyl ketones: a highly efficient enantioselective synthesis of (*S*)- α -(3-pyridyl)ethanol**

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Pankaj Soni, Gurmeet Kaur, Asit K. Chakraborti and Uttam C. Banerjee*

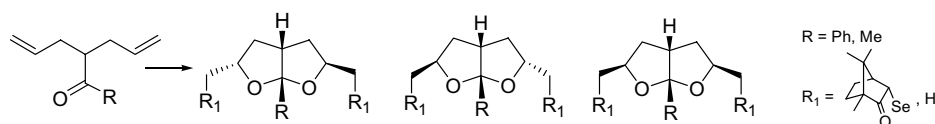


a: R = 2-Pyridyl; b: R = 3-Pyridyl;
c: R = 4-Pyridyl; d: R = 2-Thienyl

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Marcello Tiecco,* Lorenzo Testaferri, Luana Bagnoli, Catalina Scarponi, Valentina Purgatorio, Andrea Temperini, Francesca Marini and Claudio Santi

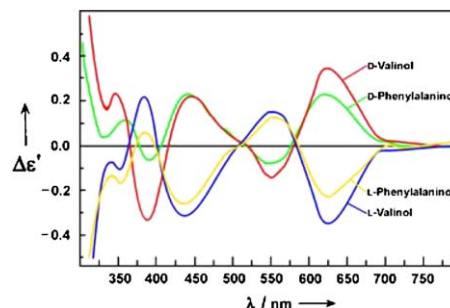


Dirhodium tetraacetate as an auxiliary chromophore in a circular dichroic study on *vic*-amino alcohols

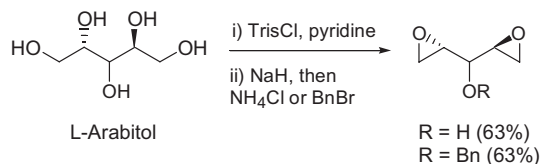
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Jadwiga Frelek,* Jarosław Jaźwiński, Marek Masnyk, Patrycja Ruśkowska and Rafał Szmigielski

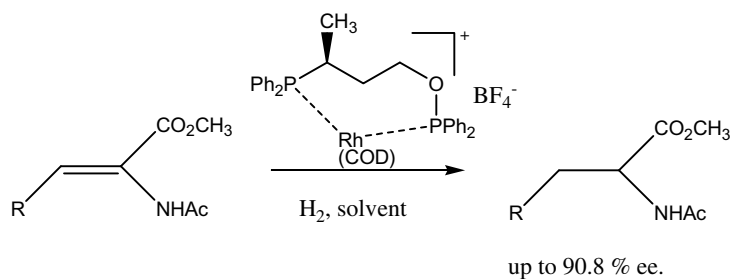
CD spectra of *vic*-amino alcohols of both ephedrine and adrenaline types with dirhodium tetraacetate acting as an auxiliary chromophore show a prominent band above 600nm. The stereochemical assignment can be made on the basis of the proposed sector rule correlating the sign of Cotton effect occurring above 600nm with the stereochemistry of ligand.



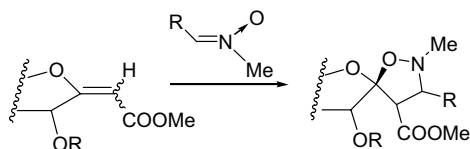
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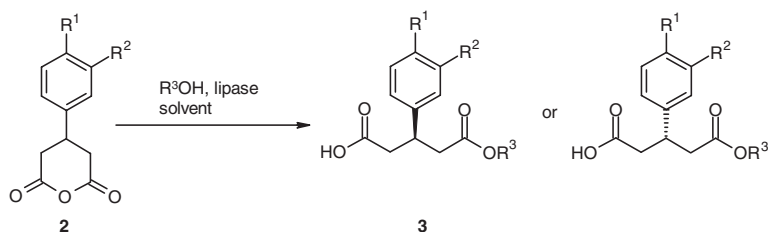
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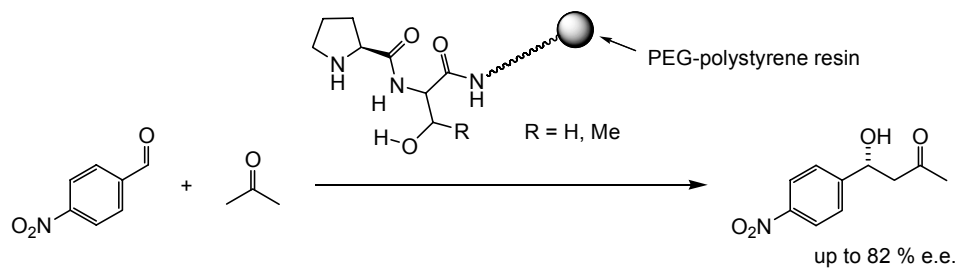
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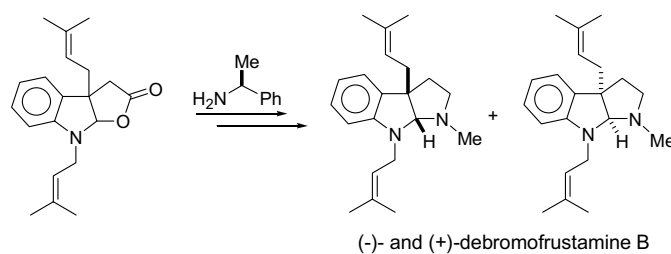
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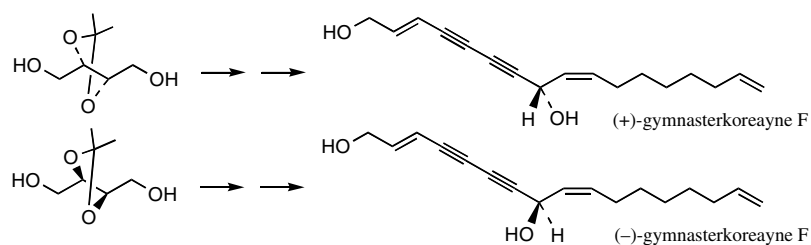
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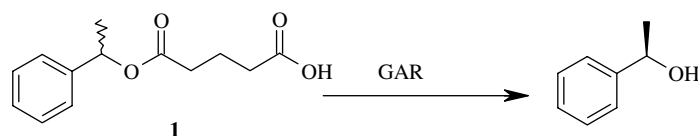
Adriano Carpita,* Silvia Braconi and Renzo Rossi*



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pp 2509–2513

Sara Adani, Stefano Raimondi, Luca Forti, Daniela Monti and Sergio Riva*



An industrial glutaryl-7-aminocephalosporanic acid acylase (GAR) showed a significant esterases activity. Kinetic resolutions of racemic alcohols (e.g. **1**) were performed and the enantioselectivity could be improved by substrate or solvent engineering.

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*Corresponding author



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