

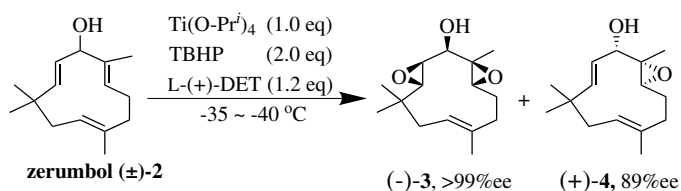
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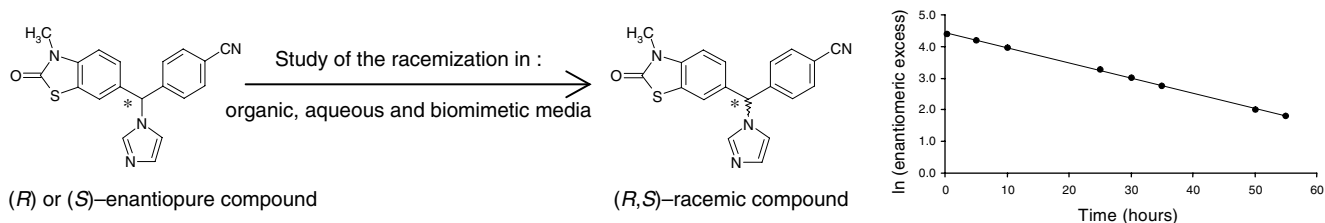
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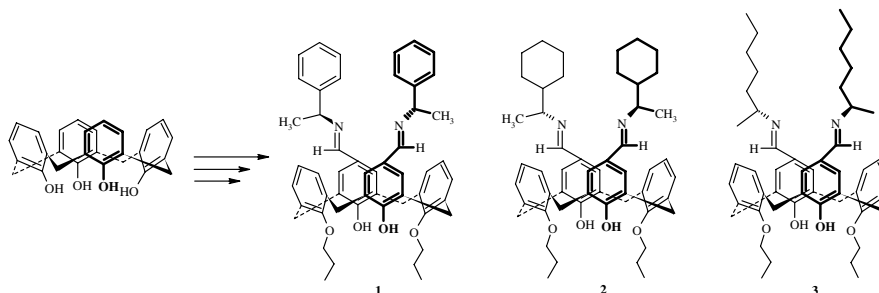
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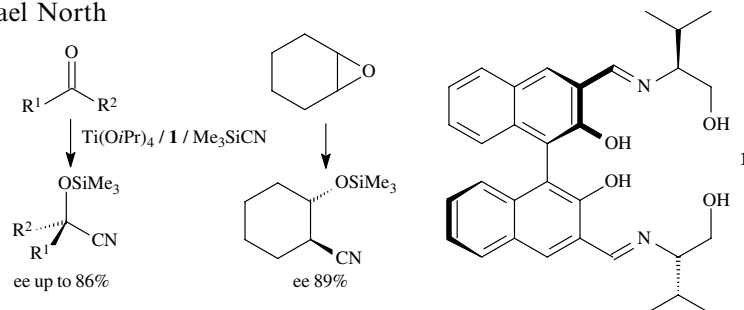
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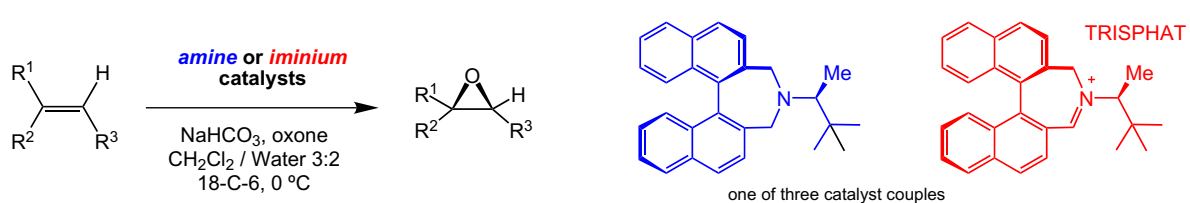
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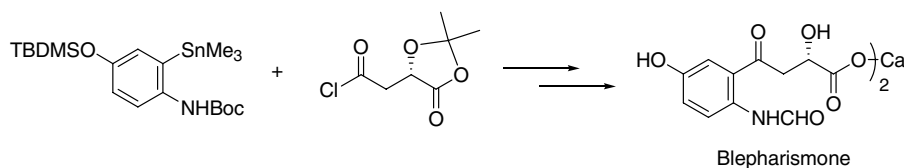
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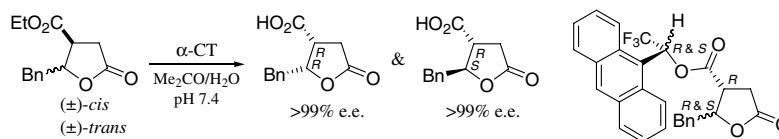
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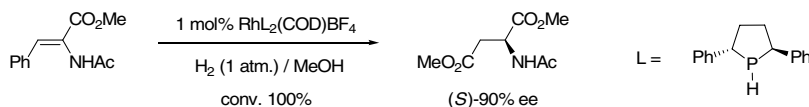


Chemoenzymatic synthesis of diastereomeric ethyl γ -benzyl paraconates and determination of the absolute configurations of their acids pp 2344–2353

Federico Berti, Fulvia Felluga, Cristina Forzato,* Giada Furlan, Patrizia Nitti, Giuliana Pitacco and Ennio Valentin*

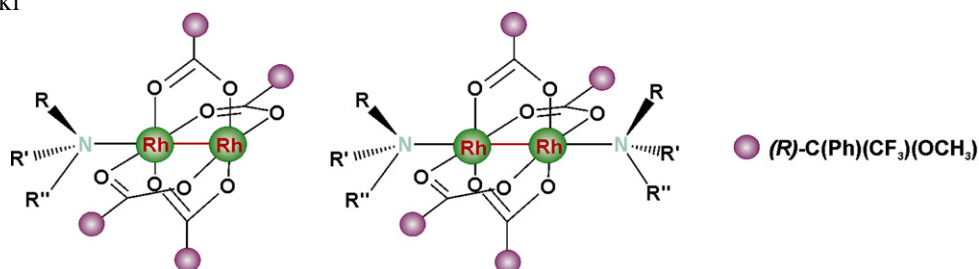


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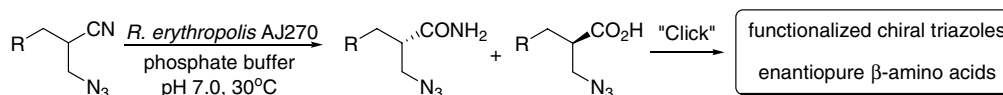


Interaction of amines with rhodium(II) tetracarboxylates in solution: formation of nitrogenous stereogenic center

Jarosław Jąźwiński

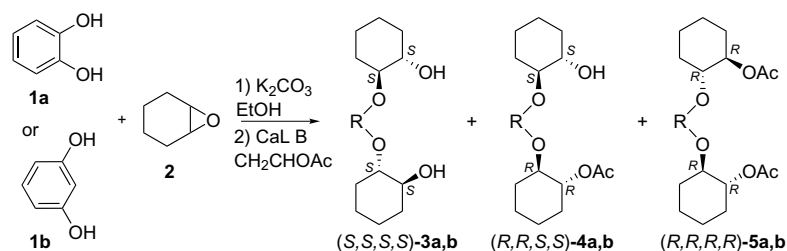
Amines $\text{NRR}'\text{R}''$ form with chiral dirhodium(II) tetracarboxylates the 1:1- and 1:2-adducts having nitrogenous chiral centers. Despite ligand exchange in the solution, the individual species are detectable by low temperature NMR.Nitrile biotransformations for the practical synthesis of highly enantiopure azido carboxylic acids and amides, 'click' to functionalized chiral triazoles and chiral β -amino acids

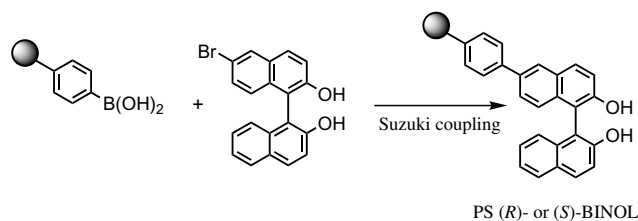
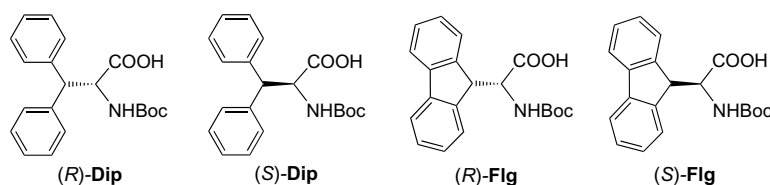
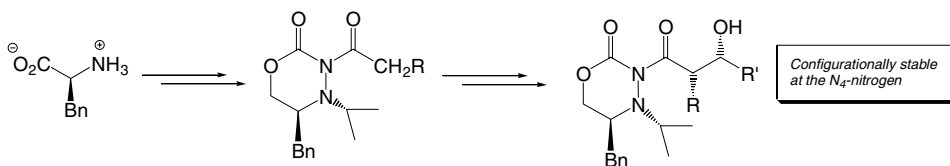
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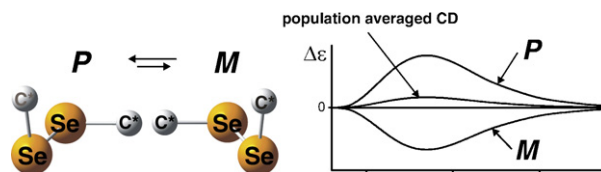
Lipase mediated enantiomer and diastereomer separation of 2,2'-[1,2- and 1,3-phenylenebis(oxy)]-dicyclohexanols

Enikő R. Tőke, Pál Kolonits, Lajos Novák and László Poppe*



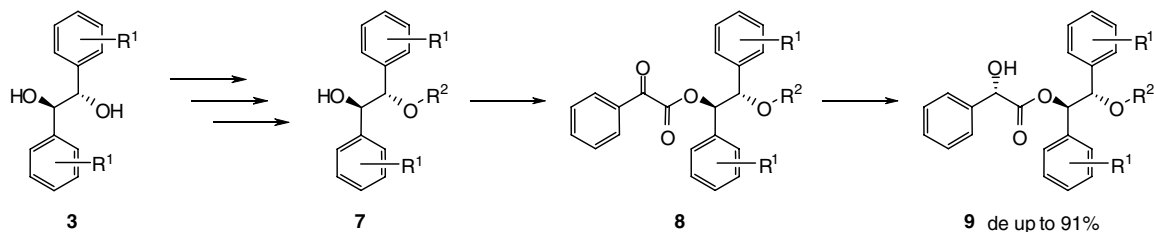


PS-BINOLs are easily prepared using the above reaction. The PS BINOLs react with titanium isopropoxide to give PS-species that catalyze the oxidation of aryl methyl thioethers by *tert*-butyl hydroperoxide in THF at 0 °C. These give the sulfoxides in up to 91% ee.



Chiral linker. Part 3: Synthesis and evaluation of aryl substituted *m*-hydrobenzoin as solid supported open chain chiral auxiliaries for the diastereoselective reduction of α -keto esters pp 2413–2429

Joachim Broeker, Max Knollmueller and Peter Gaertner*

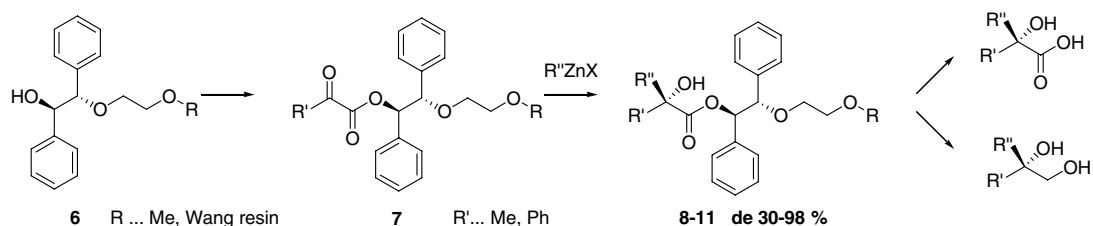


$R^1 = 2\text{-OCH}_3, 2\text{-CH}_3, 4\text{-OCH}_3, 2\text{-CF}_3$

$R^2 = \text{CH}_2\text{CH}(\text{CH}_3)_2, \text{CH}_2\text{CH}_2\text{OCH}_3, \text{Wang resin}, \text{CH}_2\text{CH}_2\text{O-Wang resin}$

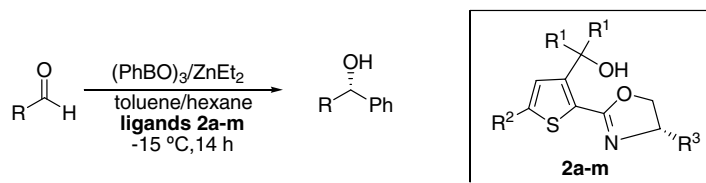
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Christian Schuster, Max Knollmueller and Peter Gaertner*



Synthesis of modular thiophene-oxazoline ligands and their application in the asymmetric phenyl transfer reaction to aldehydes pp 2442–2447

Zhuo Chai, Xin-Yuan Liu, Xiao-Yu Wu and Gang Zhao*



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