

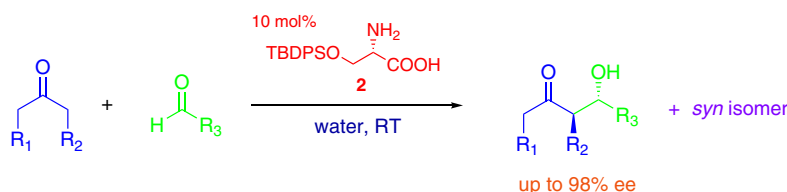
Contents

COMMUNICATION

Direct asymmetric aldol reactions catalyzed by a siloxy serine organocatalyst in water

pp 1155–1158

Yong-Chua Teo



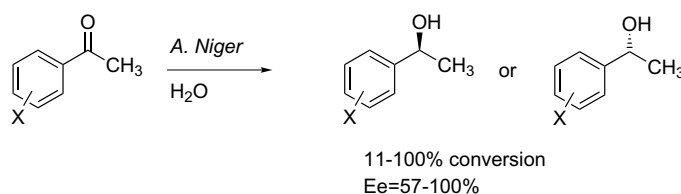
A siloxy-L-serine organocatalyst has been developed to catalyze the asymmetric direct aldol reactions in the presence of water, furnishing the β -hydroxy carbonyl scaffold in high enantio- and diastereoselectivities. The direct aldol reaction between a selection of aromatic aldehydes and cyclohexanone resulted in good yields and high enantioselectivities.

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 Enantioselective reduction of substituted acetophenones by *Aspergillus niger*

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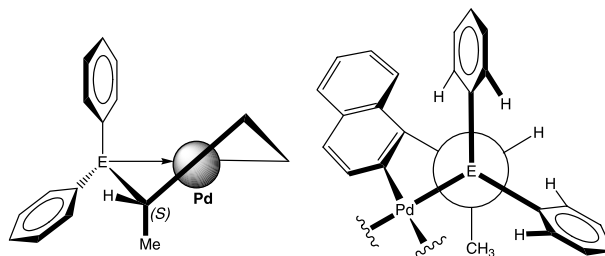
Eshabi B. Kurbanoglu,* Kani Zilbeyaz, Namudar I. Kurbanoglu and Hamdullah Kilic*

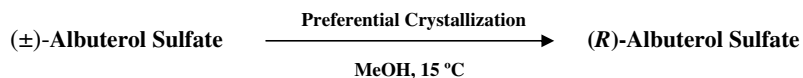


Conformational analyses of the five-membered palladacycles derived from 1-(1'-naphthyl)-ethyldiphenylphosphine and its arsenic analogue

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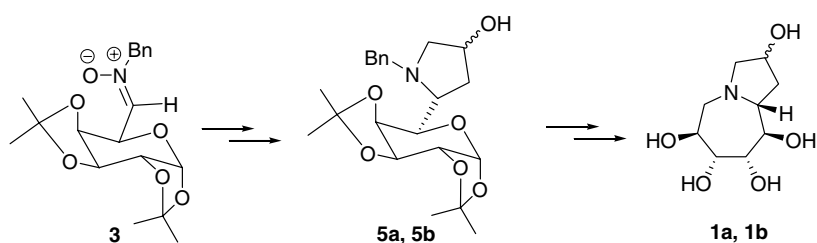
Joseph K. P. Ng, Shuli Chen, Geok K. Tan and Pak-H. Leung*





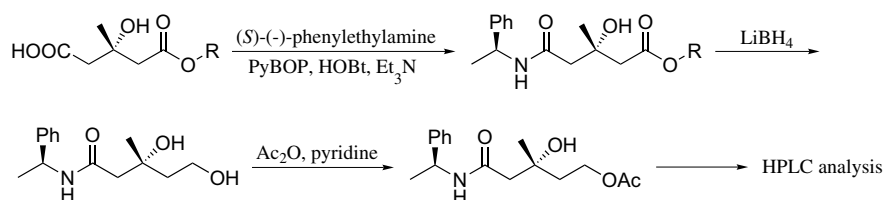
1,3-Dipolar cycloaddition reaction of a D-galactose derived nitron with allyl alcohol: synthesis of polyhydroxylated perhydroazaazulene alkaloids

Omprakash P. Bande, Vrushali H. Jadhav, Vedavati G. Puranik and Dilip D. Dhavale*



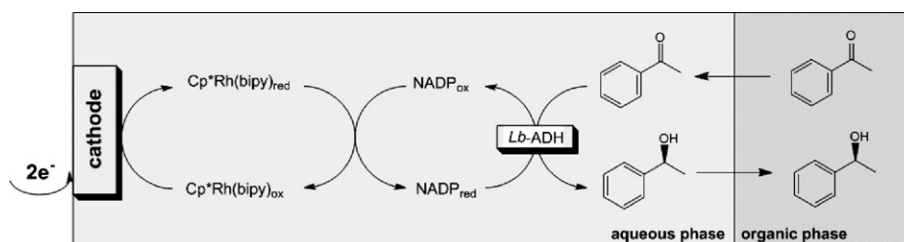
A refined method for determining the absolute configuration of the 3-hydroxy-3-methylglutaryl group

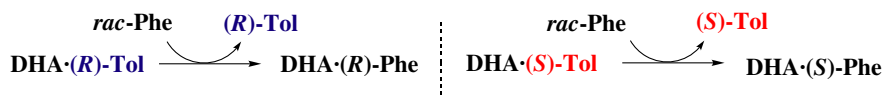
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Electroenzymatic synthesis of chiral alcohols in an aqueous–organic two-phase system

Falk Hildebrand and Stephan Lütz*



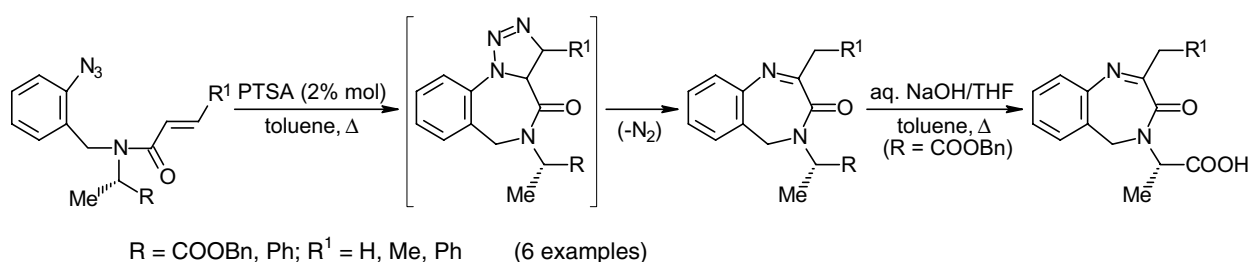


DHA: dehydrocholic acid, Tol: tolyl methyl sulfoxide, Phe: phenyl methyl sulfoxide

A one-step synthesis of enantiopure 2-substituted 4,5-dihydro-1,4-benzodiazepine-3-ones via intramolecular azide cycloaddition

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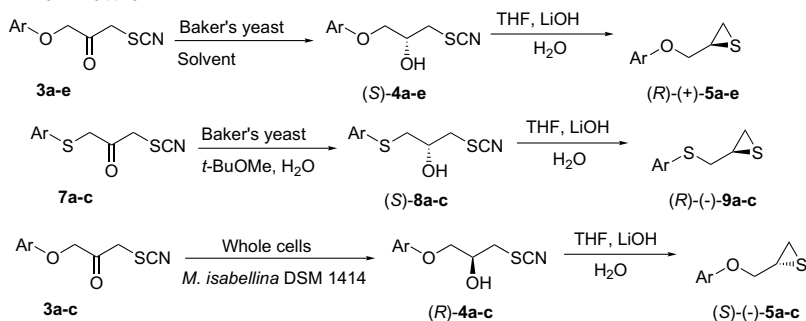
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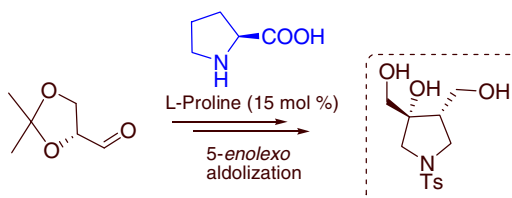
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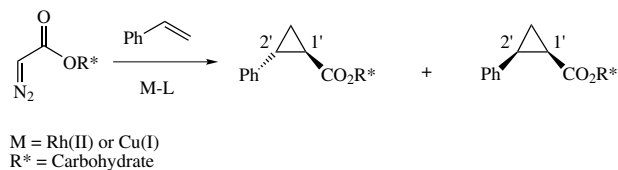
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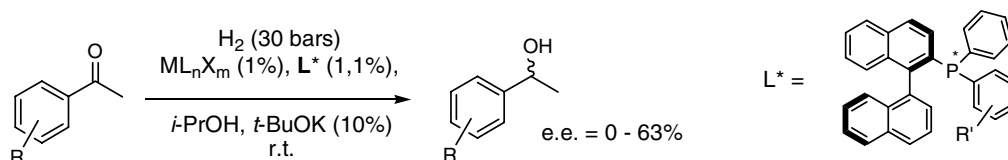
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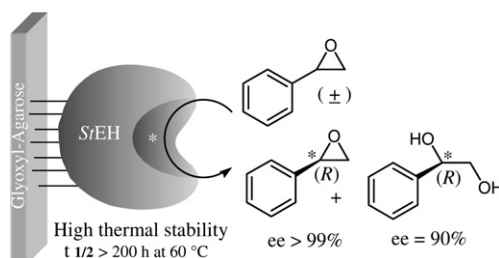
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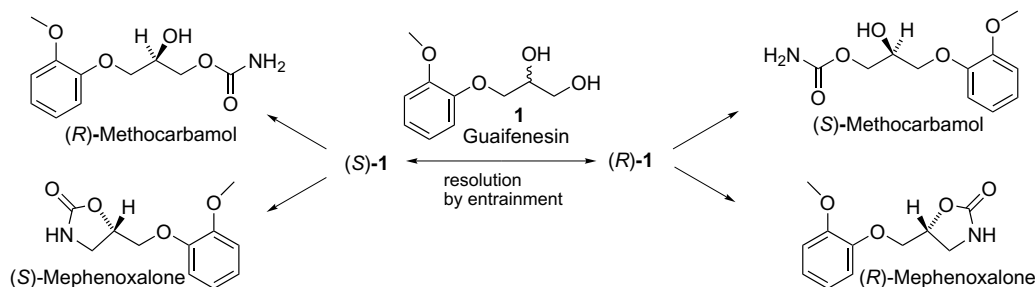
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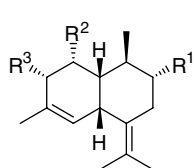


Chiral drugs related to guaifenesin: synthesis and phase properties of methocarbamol and mephenoqualone

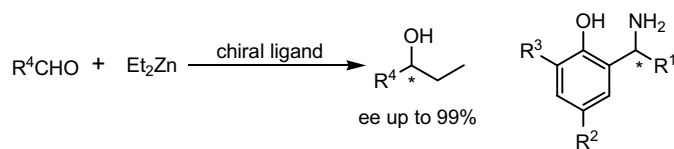
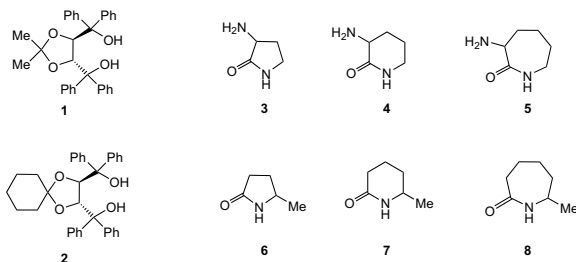
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Alexander A. Bredikhin,* Zemfira A. Bredikhina, Dmitry V. Zakharychev and Alexander V. Pashagin





- 2** $R^1 = R^2 = R^3 = H$
3 $R^1 = R^3 = H$; $R^2 = OAc$
9 $R^1 = OH$; $R^2 = R^3 = H$
10 $R^1 = R^2 = H$; $R^3 = OH$
12 $R^1 = R^2 = H$; $R^3 = OAc$
13 $R^1 = R^2 = H$; $R^3 = =O$
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*Corresponding author

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