

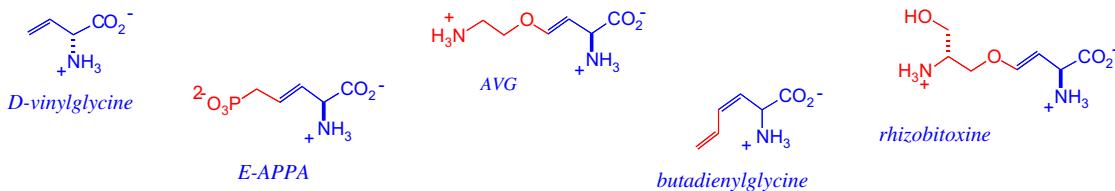
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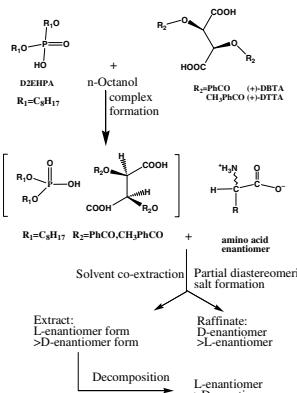


ARTICLES

Enantioseparation of amino acids by co-extractants with di(2-ethylhexyl)phosphoric acid and tartaric acid derivatives

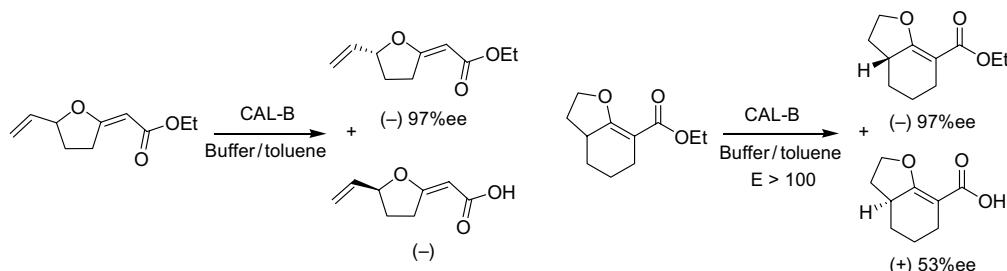
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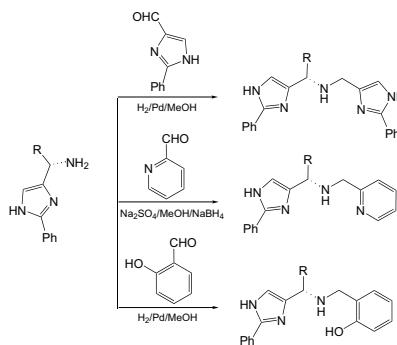
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Novel nitrogen ligands based on imidazole derivatives and their application in asymmetric catalysis

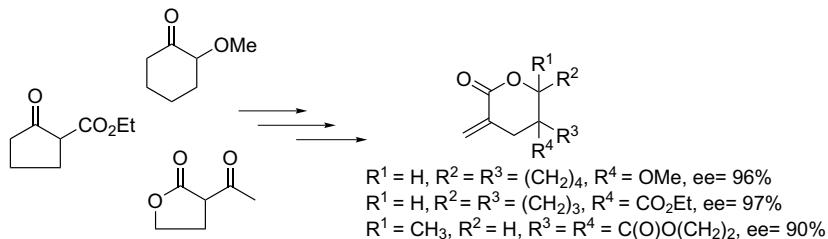
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Filip Bureš,* Tomáš Szotkowski, Jiří Kulhánek, Oldřich Pytela, Miroslav Ludwig and Michal Holčapek

**Highly enantioselective synthesis of α -methylene- δ -valerolactones by an asymmetric Michael reaction**

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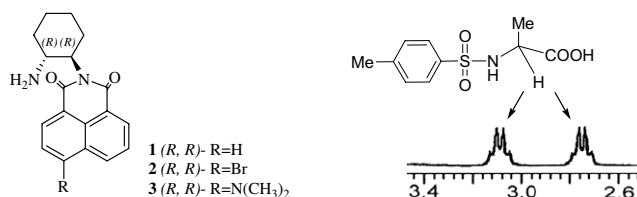
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Novel NMR chiral solvating agents derived from (1*R*,2*R*)-diaminocyclohexane: synthesis and enantiodiscrimination for chiral carboxylic acids

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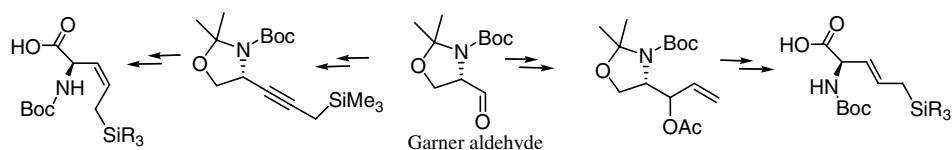


(1*R*,2*R*)-1-(1',8'-Naphthalimide)-2-aminocyclohexane and its 4'-derivatives derived from (1*R*,2*R*)-diaminocyclohexane are efficient NMR chiral solvating agents for chiral carboxylic acids leading to large separation ($\Delta\Delta\delta$ up to 104.1 Hz) of the proton signals of the enantiomers.

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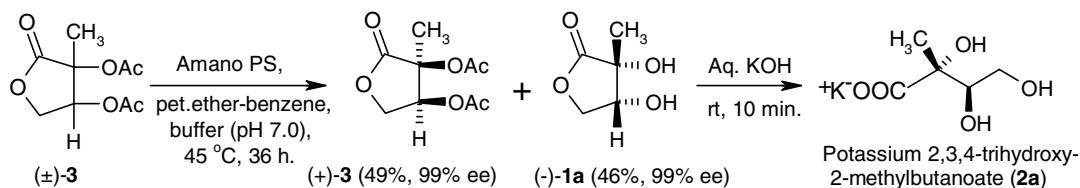
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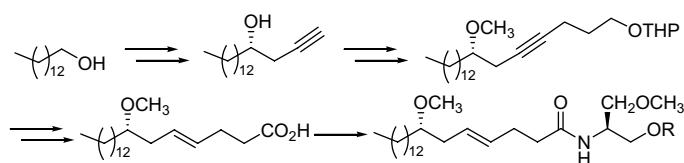
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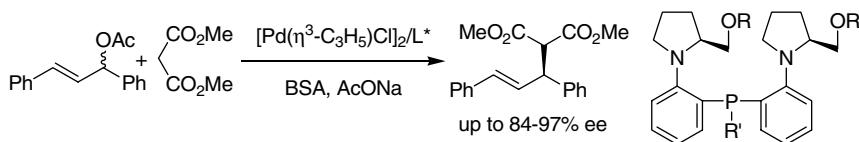
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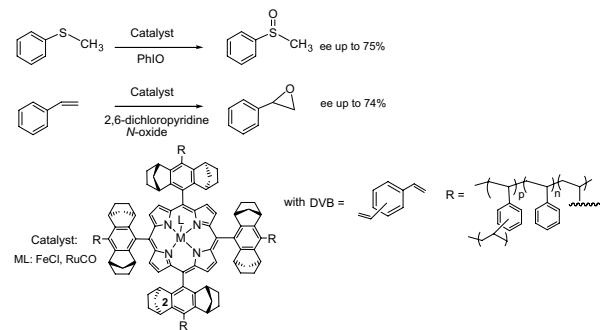
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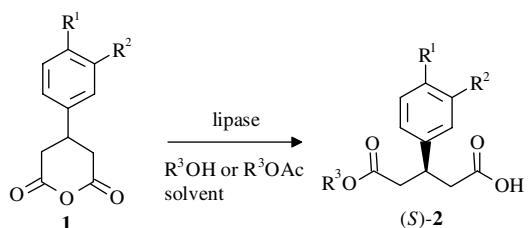
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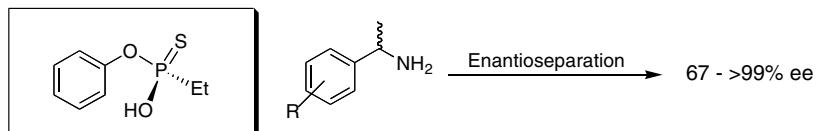
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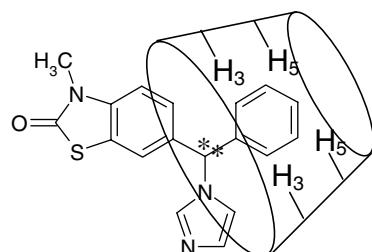


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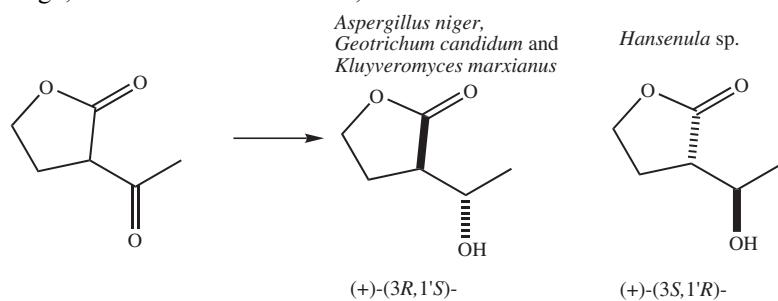
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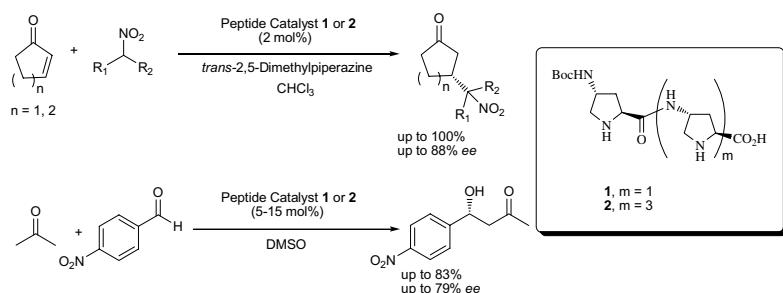
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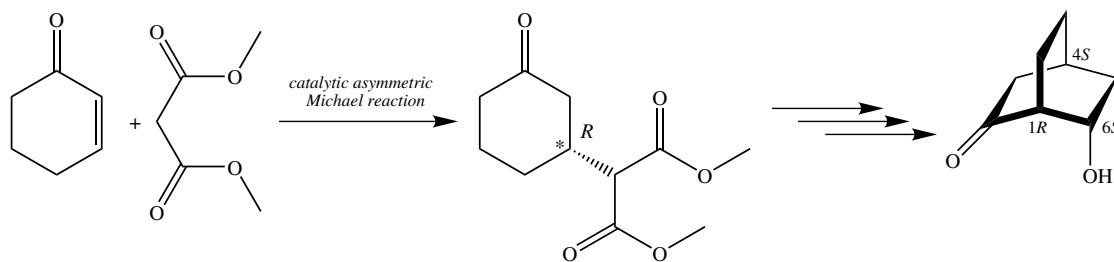
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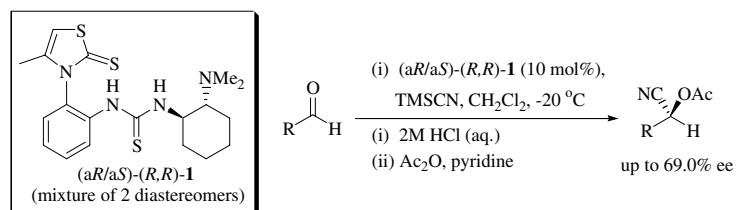
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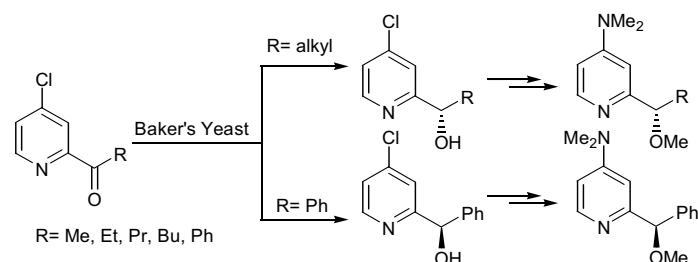
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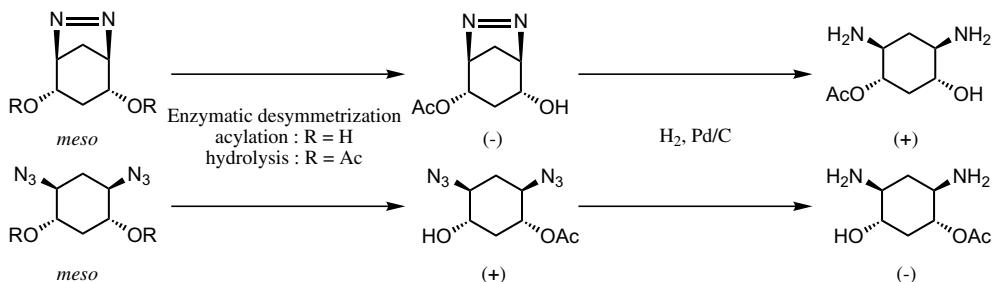


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Eduardo Busto, Vicente Gotor-Fernández and Vicente Gotor*





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*Corresponding author



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