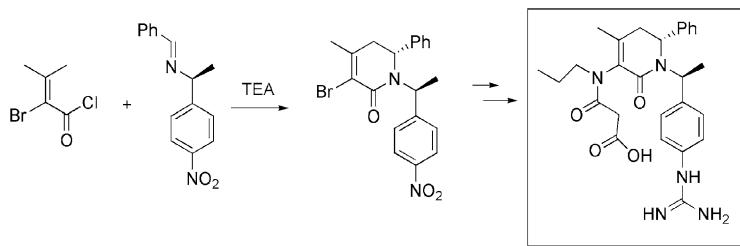


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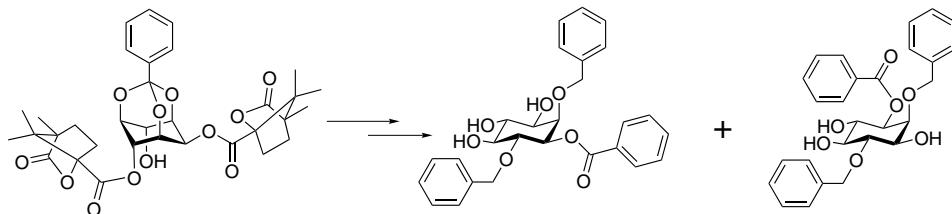
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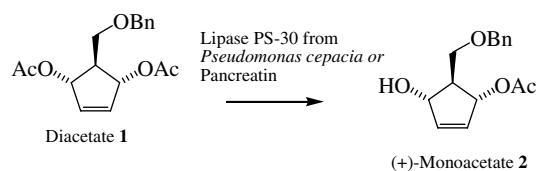
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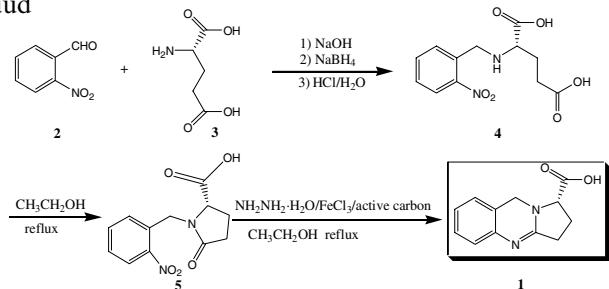
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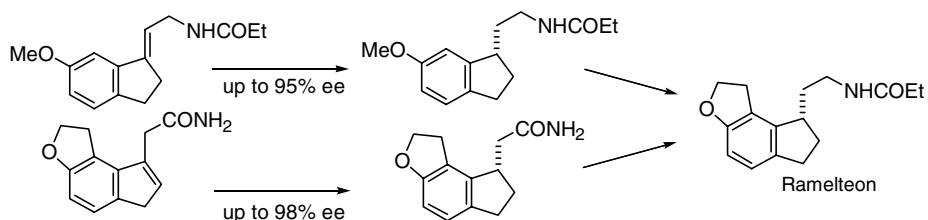
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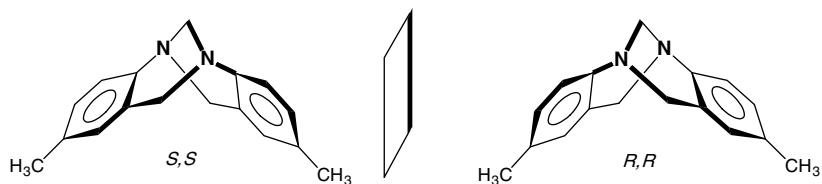
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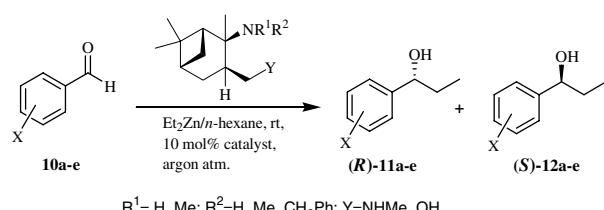
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Enantioselective addition of diethylzinc to aldehydes catalyzed by γ -amino alcohols derived from (+)- and (-)- α -pinene

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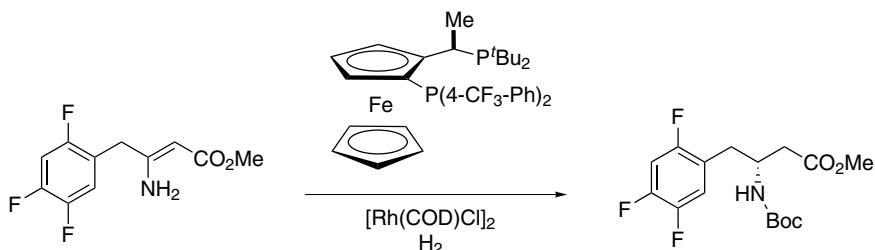
$\text{R}^1 = \text{H, Me}; \text{R}^2 = \text{H, Me, CH}_2\text{Ph}; \text{Y} = \text{NHMe, OH}$

Primary, secondary and tertiary γ -amino alcohols and 1,3-diamine derived from (+)- and (-)- α -pinene were applied as chiral catalysts in the enantioselective addition of diethylzinc to aromatic aldehydes, resulting in chiral 1-aryl-1-propanols.

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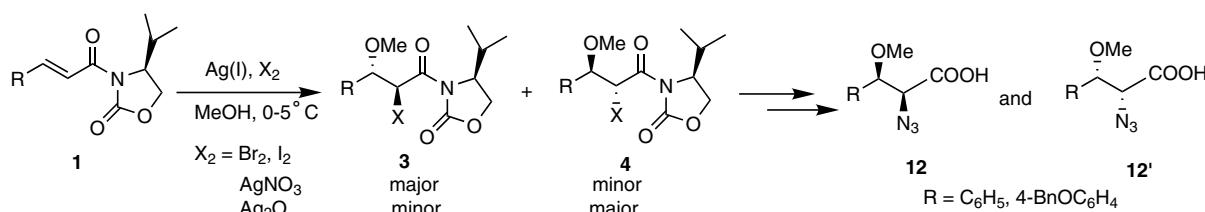
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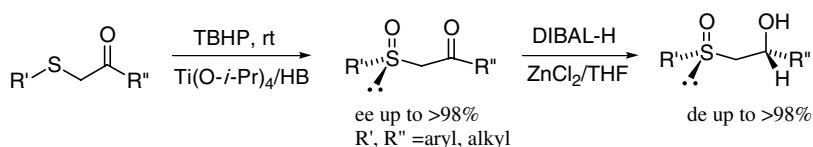
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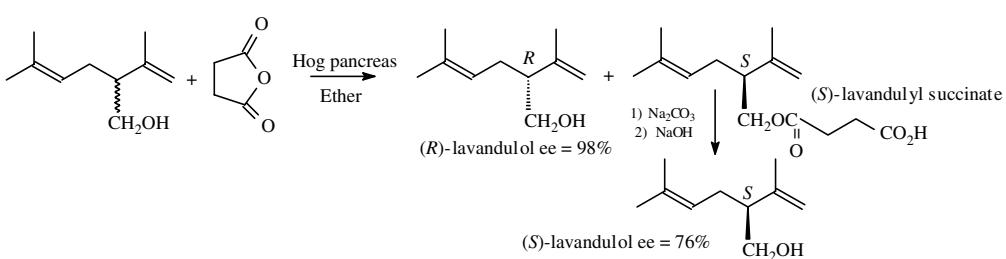
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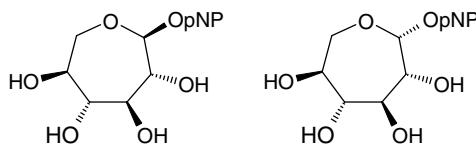
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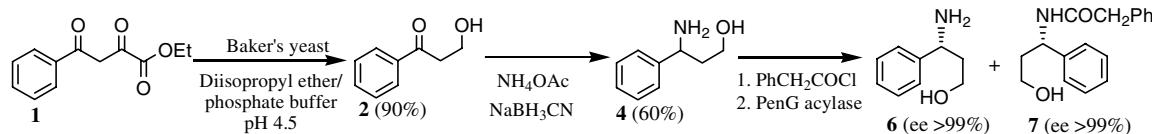
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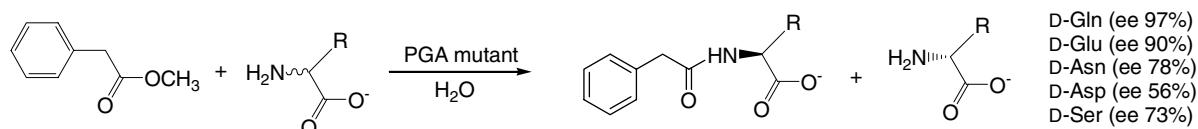
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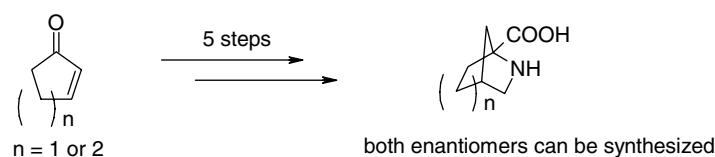
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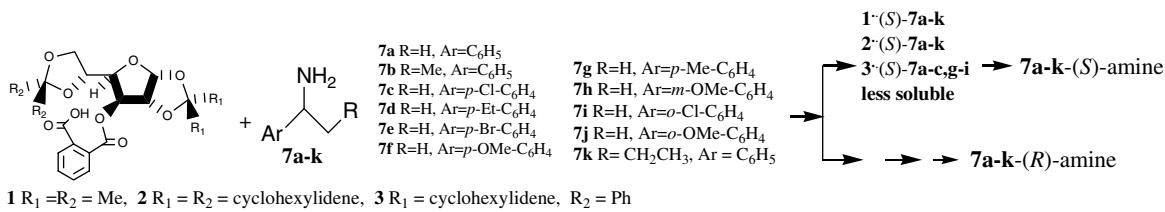
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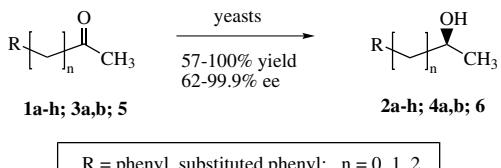
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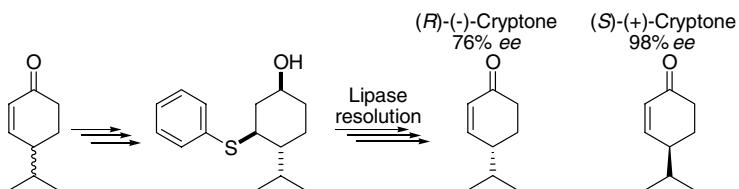
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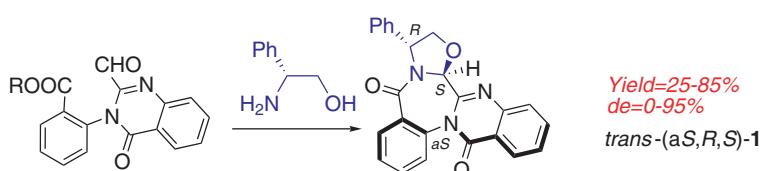
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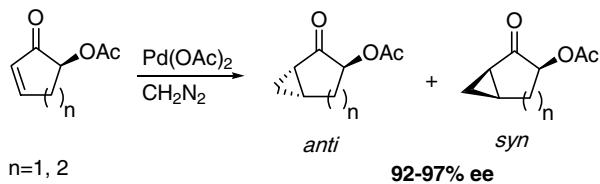
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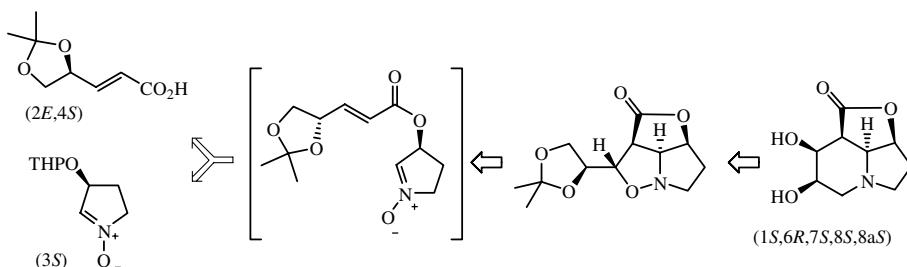
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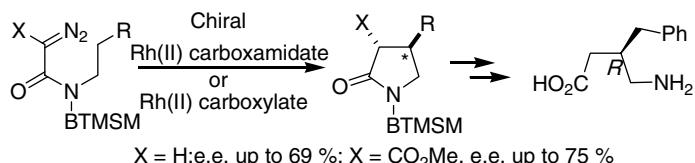
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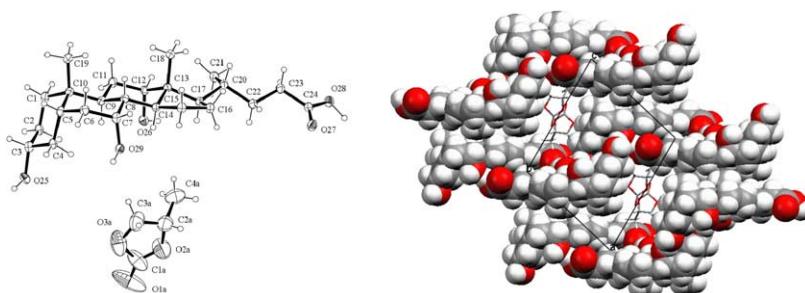
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ISSN 0957-4166