

Tetrahedron: Asymmetry Vol. 25, Nos. 18–19, 2014

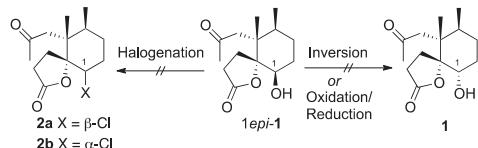
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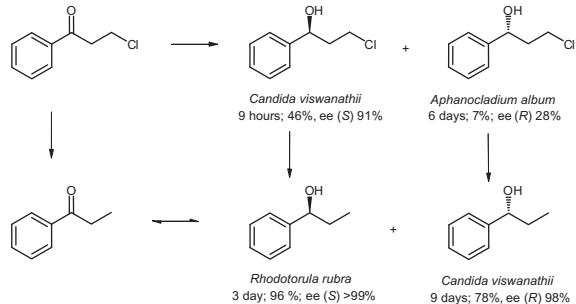
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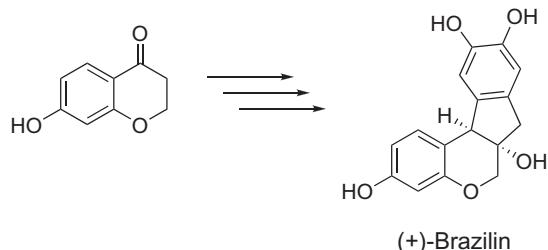
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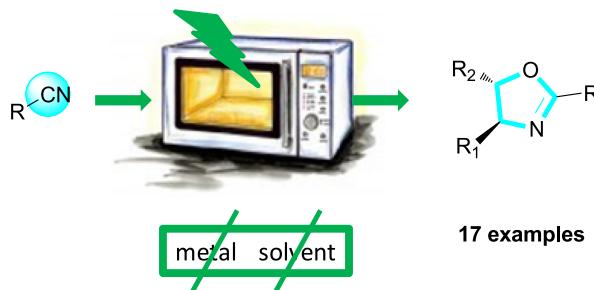


Two enantiomers of brazilin were prepared in 9 steps from 7-hydroxychroman-4-one using the AD-mix- α and AD-mix- β -directed enantioselective dihydroxylation of 3-(4-hydroxy-3-methoxyphenyl)-2H-chromen-7-ol as a key step.

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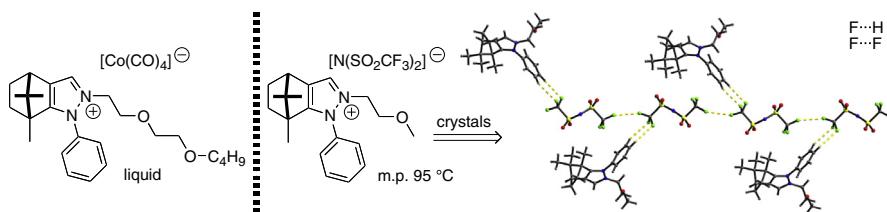
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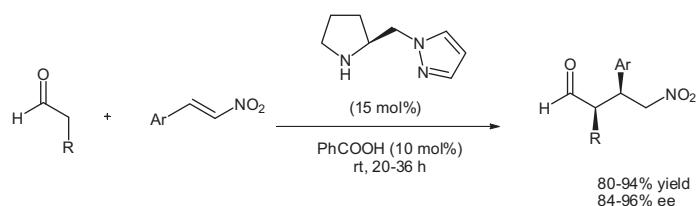
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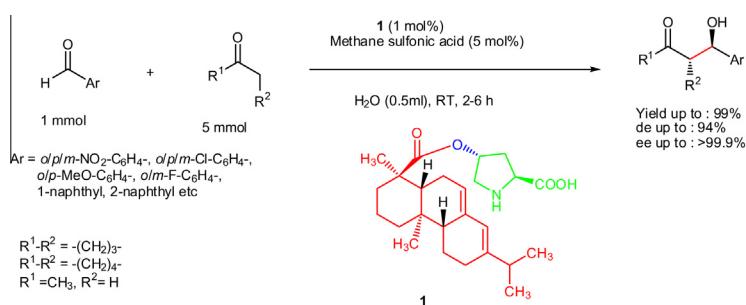
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A new organocatalyst derived from abietic acid and 4-hydroxy-L-proline for direct asymmetric aldol reactions in aqueous media

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Sudipto Bhowmick, Sunita S. Kunte, Kartick C. Bhowmick*



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