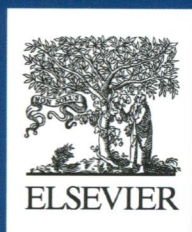
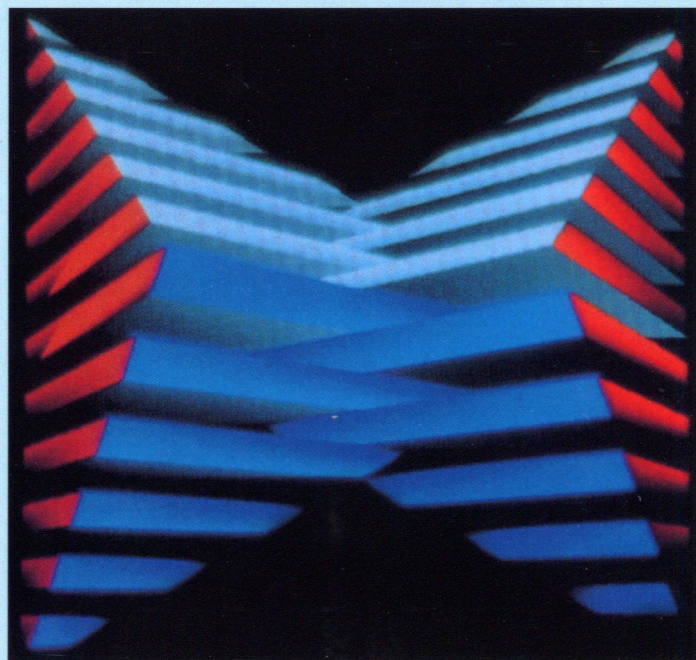


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Tetrahedron: *Asymmetry*

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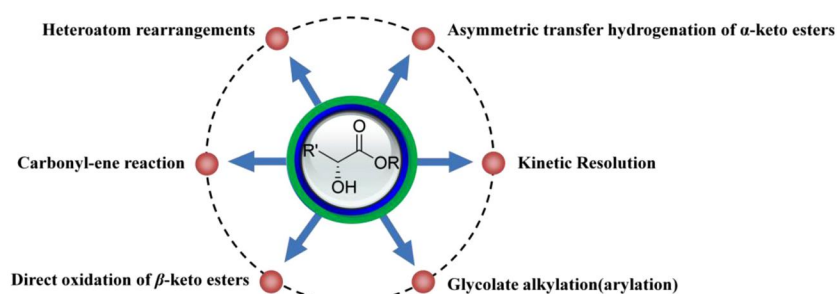
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The synthesis of enantioenriched α -hydroxy esters

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Xin Gu*, Lan Wang, Yong-fei Gao,
Wei Ma, Ya-ming Li, Pin Gong

In this review, the synthesis of α -hydroxy esters with moderate to excellent yields and stereoselectivities is discussed through the various synthesis reactions, mainly including heteroatom rearrangements, carbonyl-ene, oxidation of β -keto esters, reduction of α -keto esters, kinetic resolution, and glycolate alkylation (arylation).

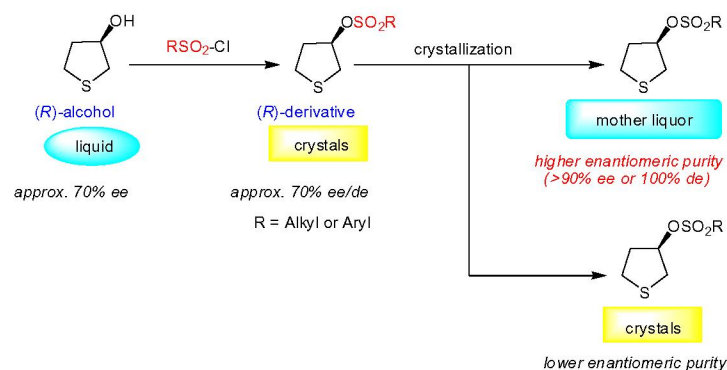


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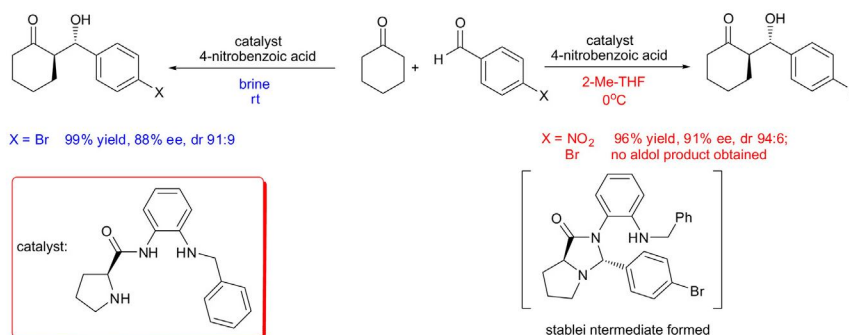
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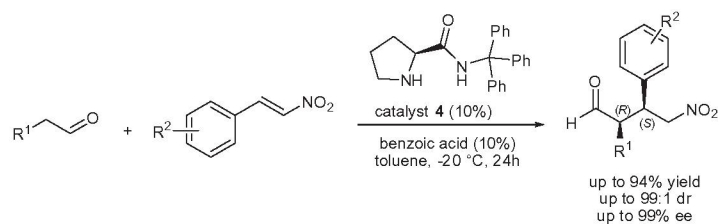
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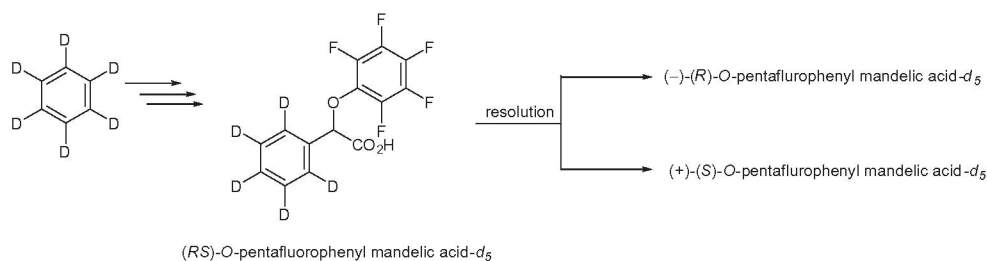


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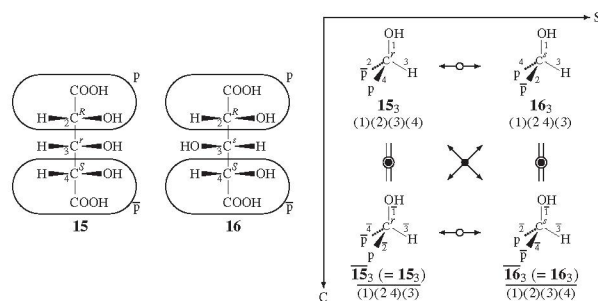
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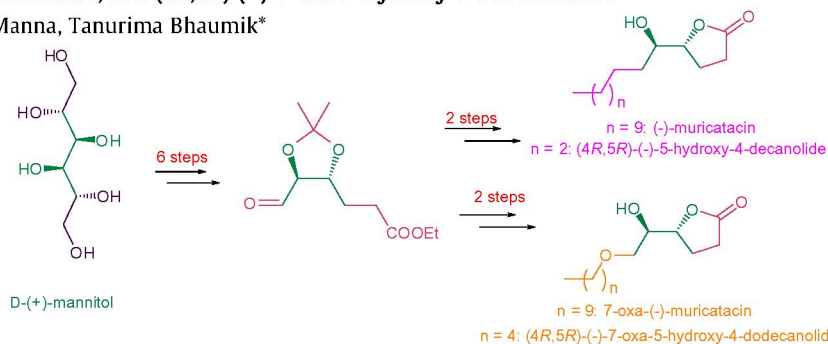
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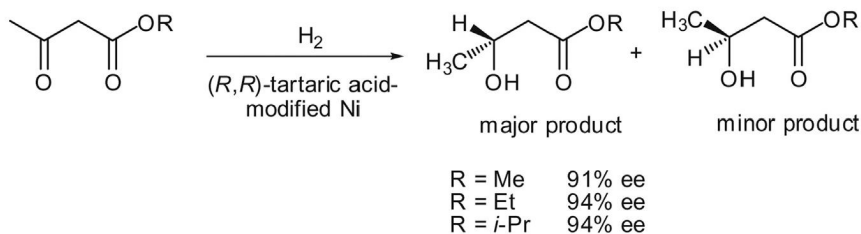
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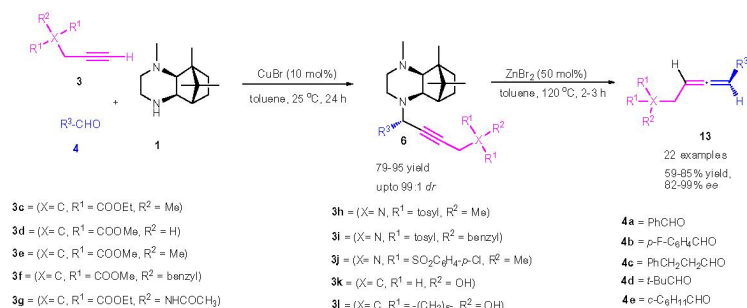
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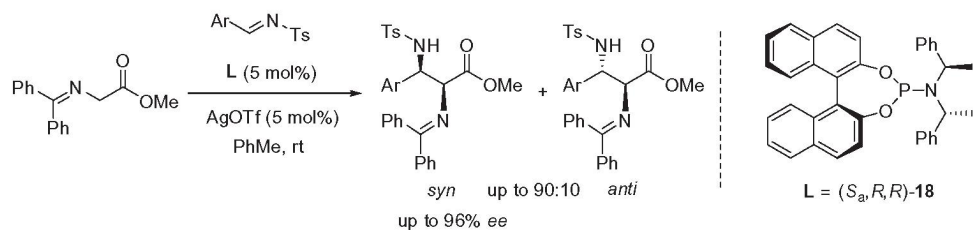
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