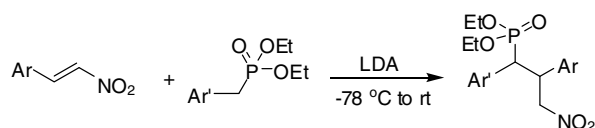


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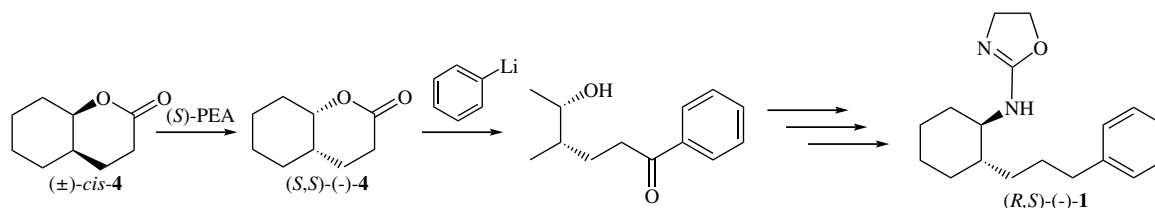


Method 1: cinchonine (50 mol %), THF, high dr and er (lit)
Method 2: cinchonine (50 mol %), ether, dr/er depletion/reversal
Method 3: cinchonine + cinchonidine (50 mol %), dr/er depletion/reversal

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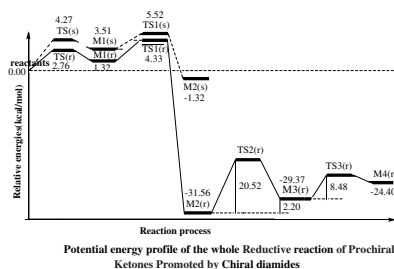
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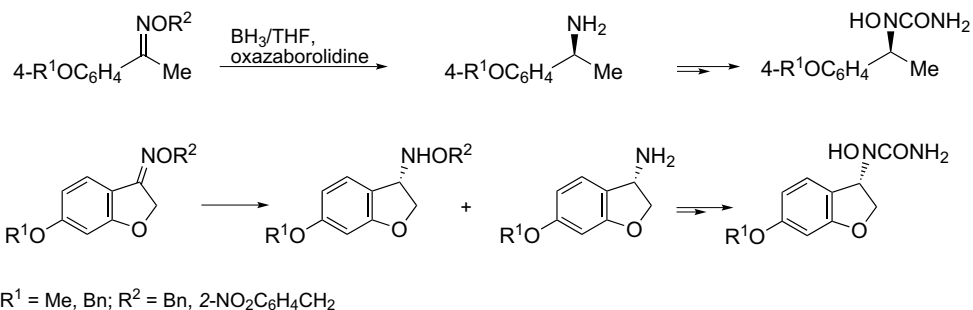
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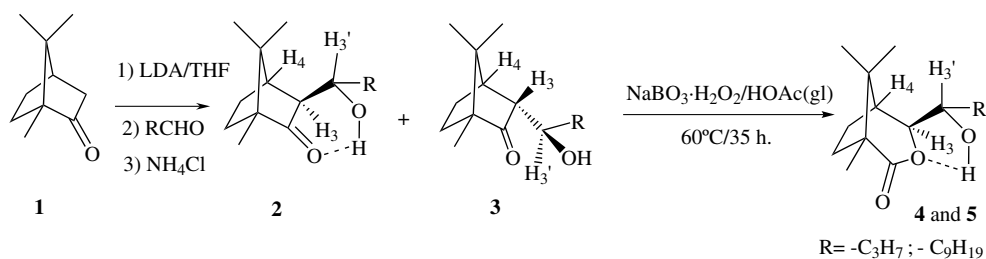
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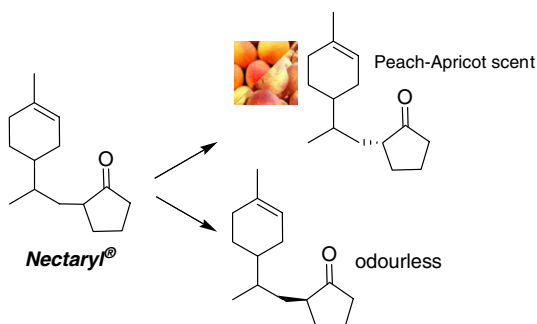
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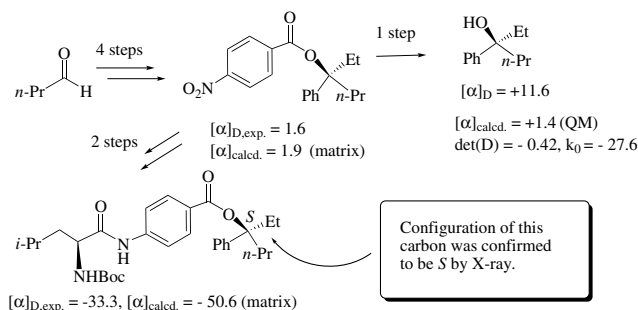
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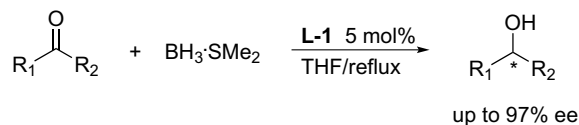
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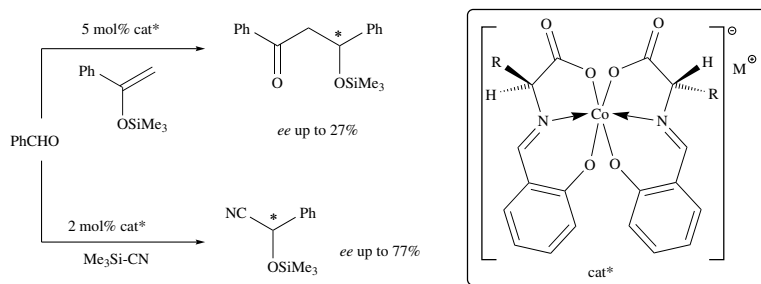
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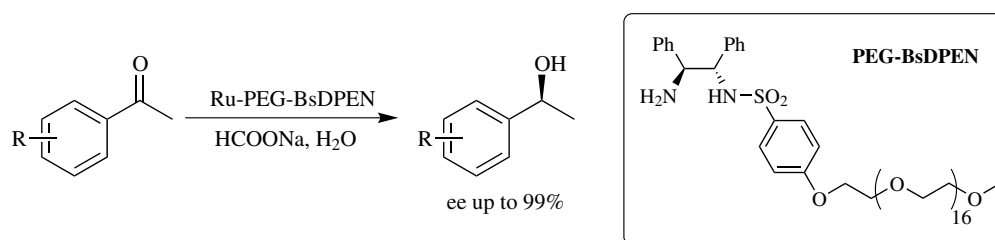
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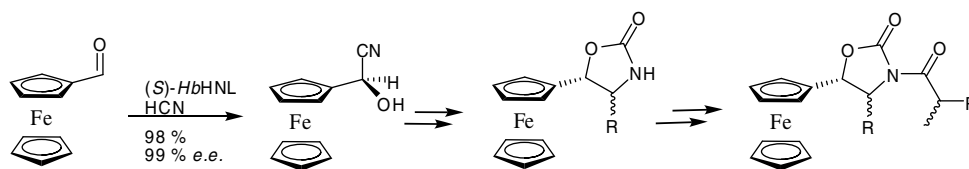
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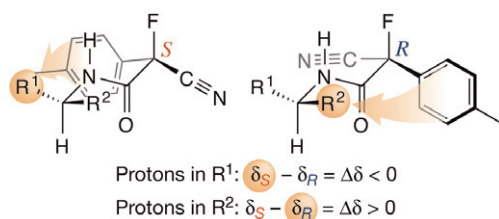
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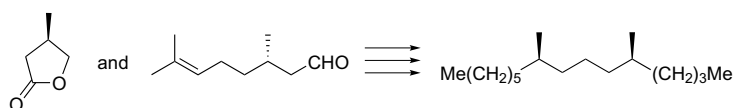
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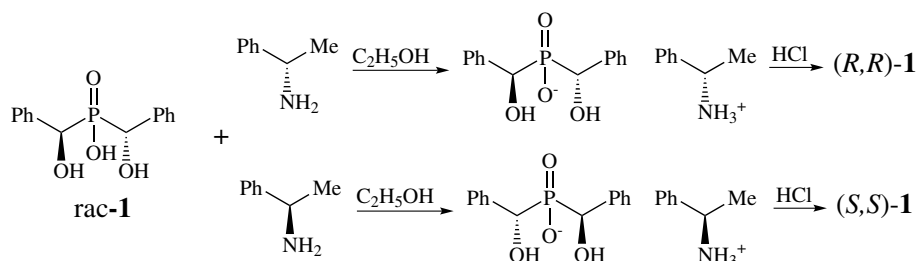
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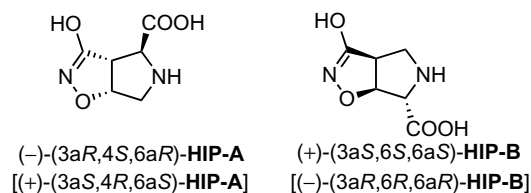
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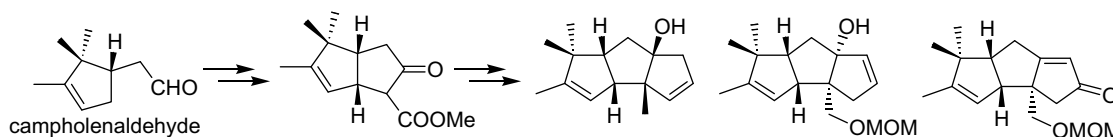
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