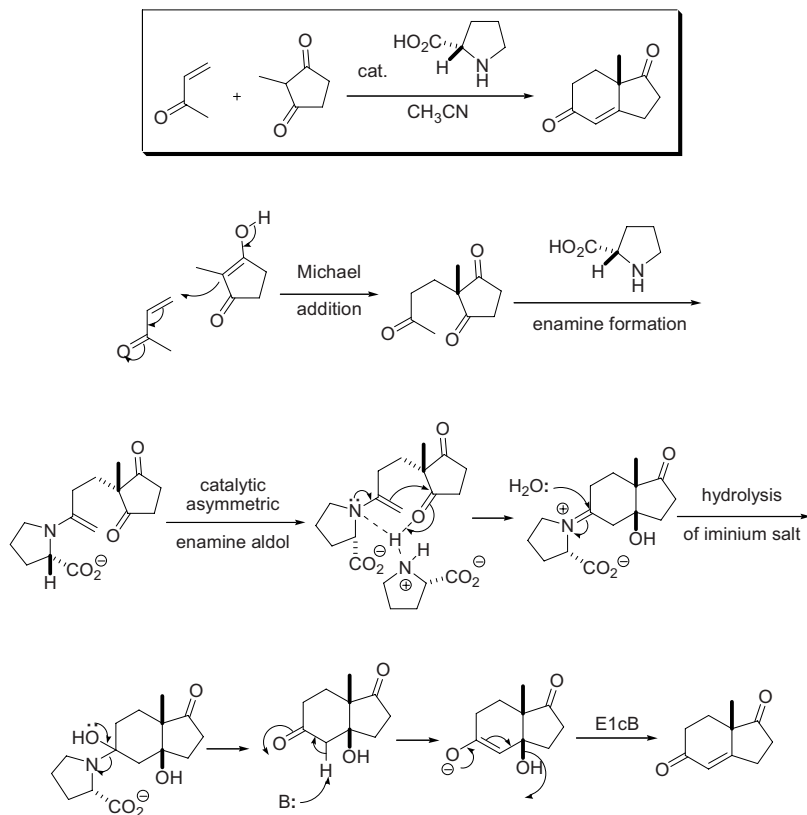
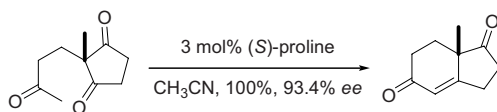


Hajos–Wiechert reaction

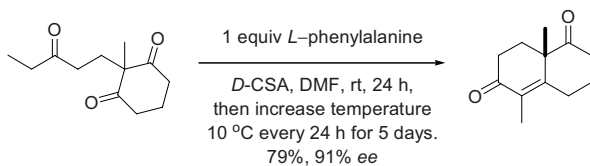
Asymmetric Robinson annulation catalyzed by (*S*)-(-)-proline.

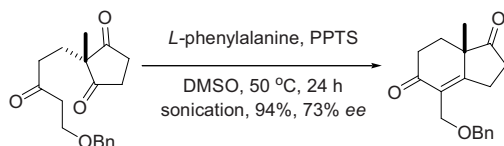
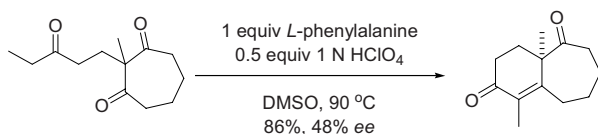


Example 1^{1a}



Example 2³



Example 3⁸Example 4⁹

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