

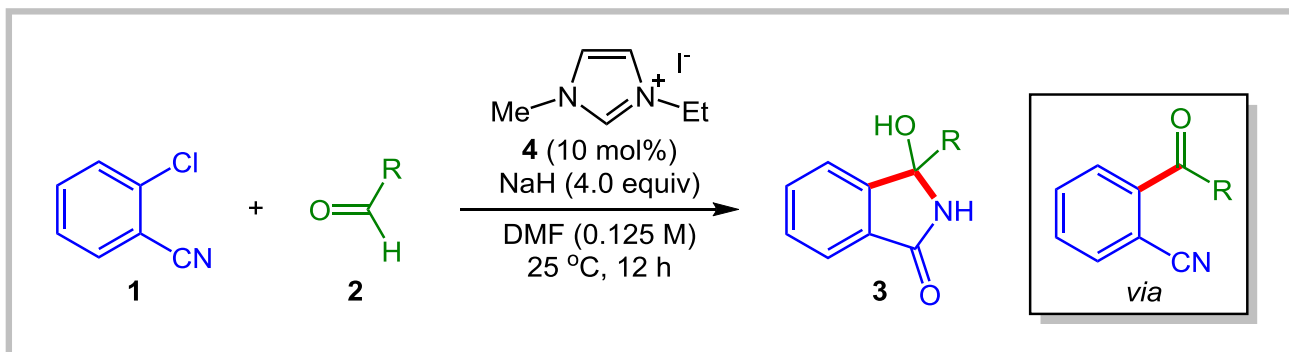


中国科学院大连化学物理研究所

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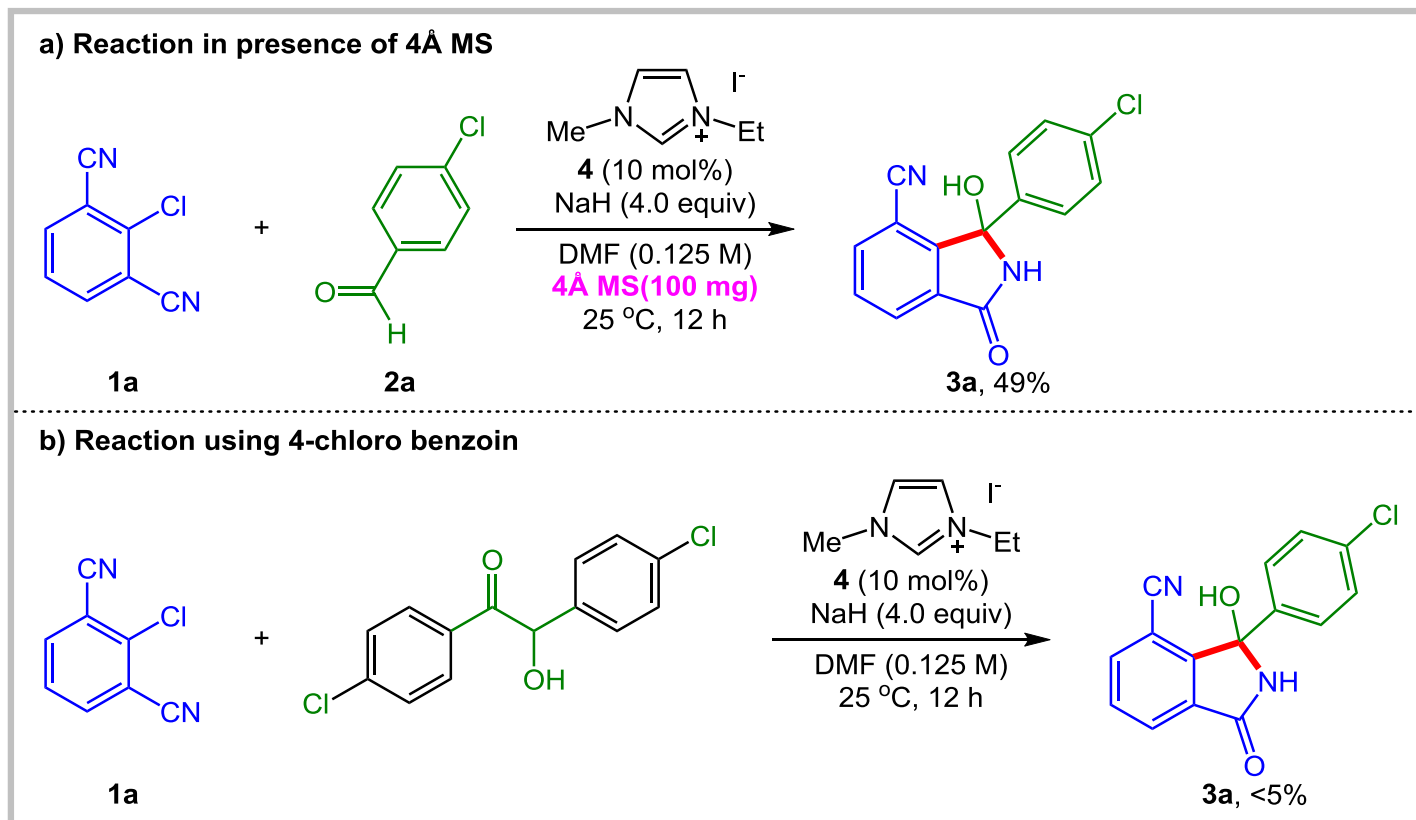
Mechanism Speculation XXXIV Recommended by Hao Tang

Nucleophilic Acylation–Annulation Cascade of 2-Chlorobenzonitriles Using Aldehydes Triggered by *N*-Heterocyclic Carbenes

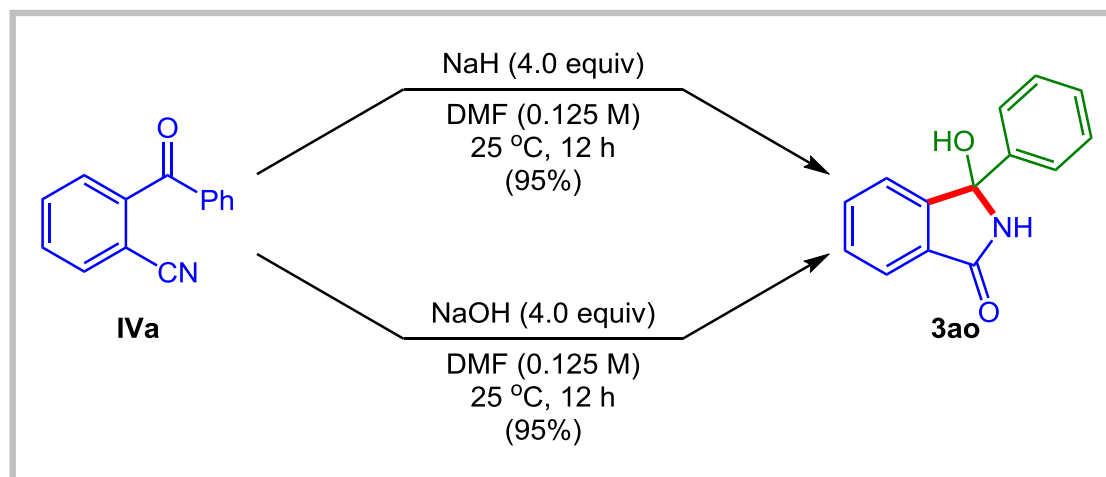


Gadhav, M. S.; Barik, S.; Wessels, F.; Bijum, A. T. *Org. Lett.* **2023**, 25, 8314

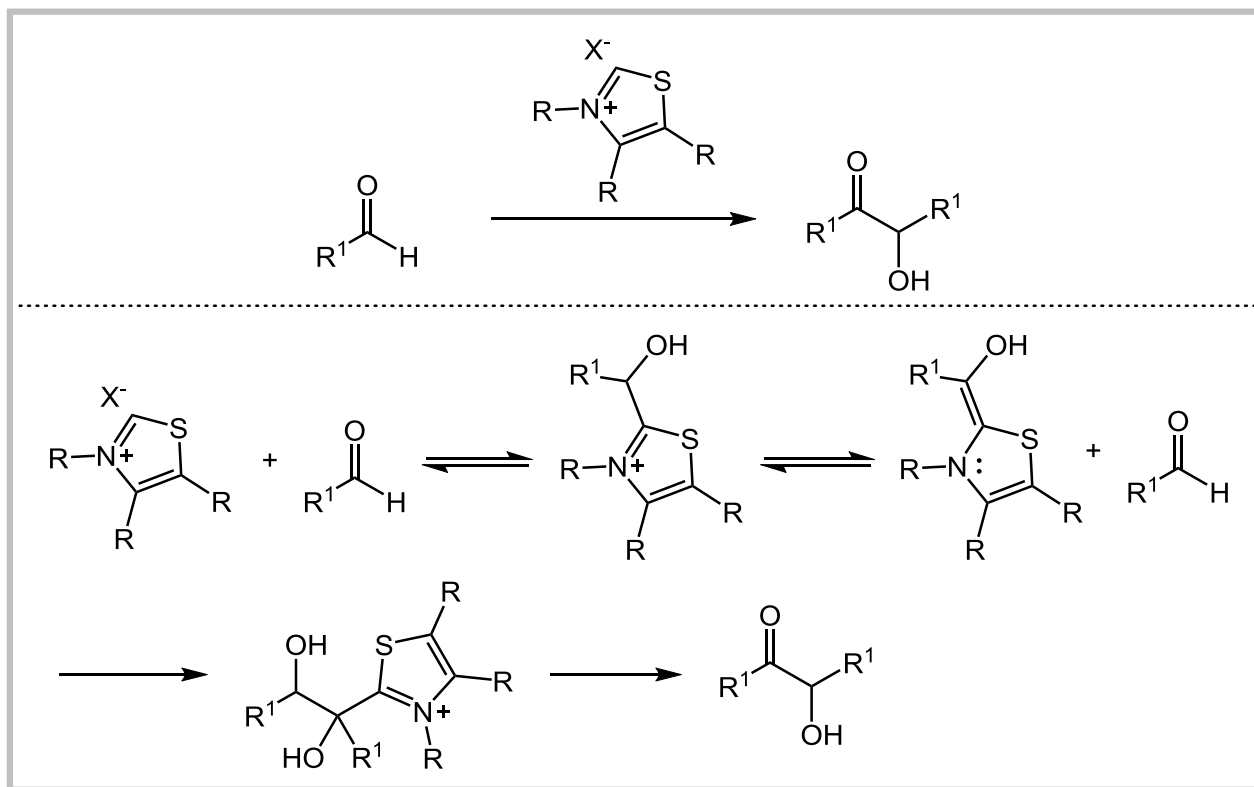
Control Experiments



Control Experiments



Tips-Breslow intermediate



Murry, J. A.; Frantz, D. E.; Reider, P. J. *et al.* *J. Am. Chem. Soc.* **2001**, *123*, 9696

Proposed Mechanism

