

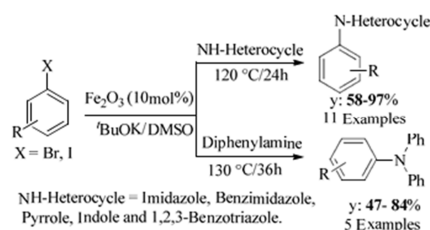
Internal Seminar

Development of Organic Synthetic Methods for N-Arylation and for Synthesis of Chiral Propargylamines and Chiral Allenes

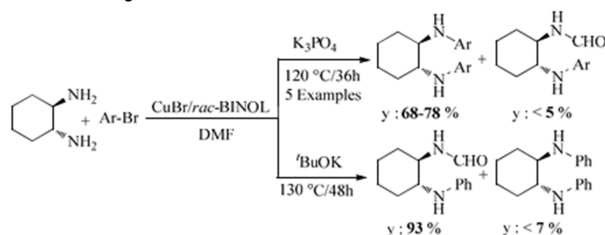
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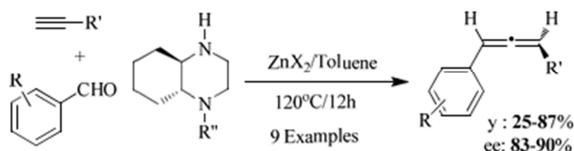
1. Simple and convenient methods for N-arylation of NH-heterocycles and diphenylamine¹



2. Copper (I) catalysis: Synthesis of N,N'-diarylated and N-phenylation and N'-formylation of chiral C2 symmetric diamines²



3. Zinc Salt Promoted Diastereoselective Synthesis of Chiral Propargylamines Using Chiral Piperazines and Their Enantioselective Conversion into Chiral Allenes³



References: -

1. Alakonda, L.; Periasamy, M. *Synthesis*, 2012, 44, 1063
2. Alakonda, L.; Periasamy, M. *J. Organomet. Chem.* 2009, 694, 3859
3. Periasamy, M.; Reddy, P. O.; Edukondalu, Dalai, M.; Alakonda, L. M.; Udaykumar, B. *Eur. J. Org.Chem.* 2014, 6067.

Friday, Feb 12th 2016

2:00 PM (Tea/Coffee at 1:45 PM)

Seminar Hall, TCIS