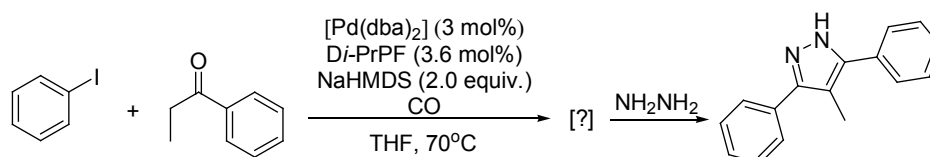


Group Meeting Problems

Li Wang, Feb, 2, 2012

1. Please propose a possible reaction mechanism for the following transformation, and please point out the oxidation state and number of valence electrons for the metal center in the catalytic process (Pd (0): d^{10}).



Di-PrPF = 1,1'-bis(diisopropylphosphino)ferrocene

2. Please provide rationales to the following reaction and its stereochemical outcomes.

