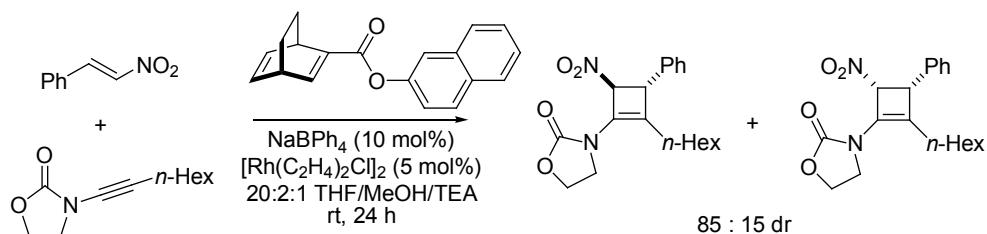


Group Meeting Problems

September 20th, 2012

Li Wang

1. Please propose a reaction mechanism for the following transformation. In your proposed mechanism, please clearly indicate the 1) oxidation state of the metal center; 2) # of d electrons; and 3) geometry of each metal-involved intermediates.



2. Please propose a route to obtain *enantiopure* (S)- α -methylDOPA from D-Alanine.

