### **Reaction Mechanism Practice**

#### Dr. Peter Andreana Group

#### (09/07/2018)

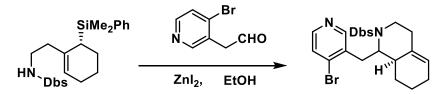
Please choose any one question from each page

Following questions were chosen by Farzana and solved by Pradeep and Vinod

## Problem 1.

Contributer: The Art of Writing Reasonable Organic Reaction Mechanism (chapter 7)

Try to form an iminium ion first.



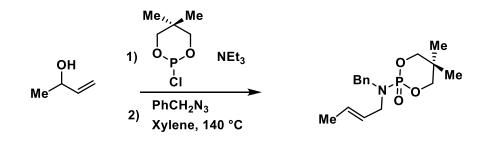
## Problem 2

Contributer: Citation: Fukuyama Group - Group Meeting Problems J. Rodriguez et al., Org. Lett., 12, 4212 (2010)

O Ph  $N_2$ BnNH<sub>2</sub> Ph O BnNH<sub>2</sub> Microwave, Tolune, 140 °C ŃBn

# Problem 3

Contributer: Citation: Dr. David A. Evans problem sets *J. Am. Chem. Soc.* **2004**, *126*, 5364



#### **Problem 4**

Contributer: Citation:

SO<sub>2</sub>N<sub>3</sub>

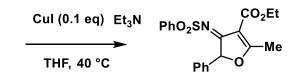
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Fukuyama Group - Group Meeting Problems Y.Shangetal., J. Org. Chem., 75, 5743(2010)



09.07.18 Fanzana,

