## **Joint Group Meeting**

June 25<sup>th</sup>, 2015 Venkata Krishna

## Propose plausible mechanisms for the following reactions

1.

$$R^{1} = \text{TMS, Me}$$

$$R^{2} = \text{aryl, alkyl}$$

$$R^{1} = \text{Ims, Me}$$

$$R^{2} = \text{aryl, alkyl}$$

$$R^{3} = \text{Ims, Me}$$

$$R^{2} = \text{aryl, alkyl}$$

$$R^{3} = \text{Ims, Me}$$

$$R^{2} = \text{aryl, alkyl}$$

$$R^{3} = \text{Ims, Me}$$

$$R^{4} = \text{Ims, Me}$$

$$R^{2} = \text{aryl, alkyl}$$

$$R^{3} = \text{Ims, Me}$$

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$$R^{2} = \text{aryl, alkyl}$$

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$$R^{3} = \text{Ims, Me}$$

$$R^{4} = \text{Ims, Me}$$

$$R^{4} = \text{Ims, Me}$$

$$R^{4} = \text{Ims, Me}$$

$$R^{5} = \text{Ims, Me}$$

$$R^{6} = \text{Ims, Me}$$

$$R^{7} = \text{Ims, Me}$$

$$R^{7} = \text{Ims, Me}$$

$$R^{1} = \text{Ims, Me}$$

$$R^{2} = \text{Ims, Me}$$

$$R^{2} = \text{Ims, Me}$$

$$R^{2} = \text{Ims, Me}$$

$$R^{3} = \text{Ims, Me}$$

$$R^{4} = \text{Ims, Me}$$

$$R^{5} = \text{Ims, Me}$$

$$R^{6} = \text{Ims, Me}$$

$$R^{7} = \text{Ims, Me}$$

$$R^{7$$

2.

$$R^1$$
 $Br$ 
 $NO_2$ 
 $Br$ 
 $NO_3$ 
 $Ph$ 
 $NO_3$ 
 $R^2$ 
 $NO_3$ 
 $NO_5$ 
 $NO_6$ 
 $N$