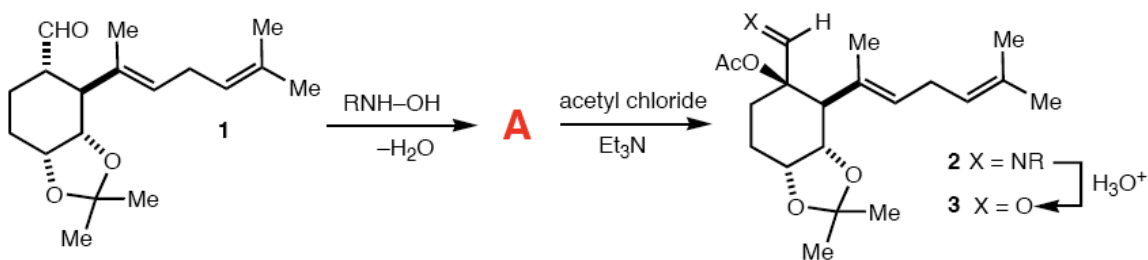


Group Meeting Problems – October 15, 2008

1.

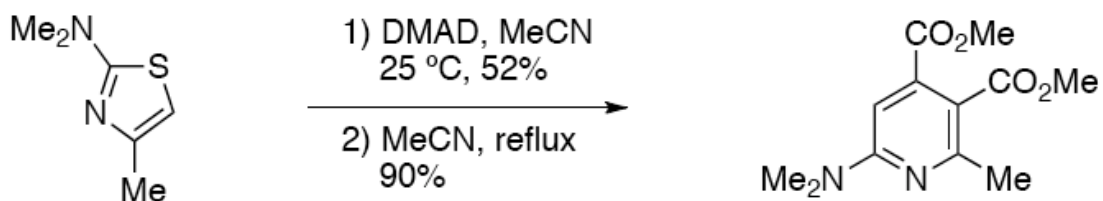
Provide a mechanism for the following transformation and identify intermediate A.



Angew. Chem. Int. Ed. **1999**, *38*, 971.

2.

Please provide a reaction mechanism for the following:



DMAD = Dimethyl acetylenedicarboxylate