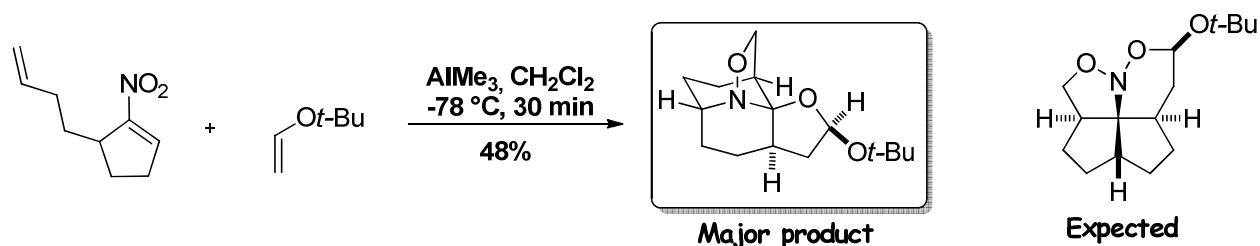


Seminar 23.06.2010 Christophe Allais

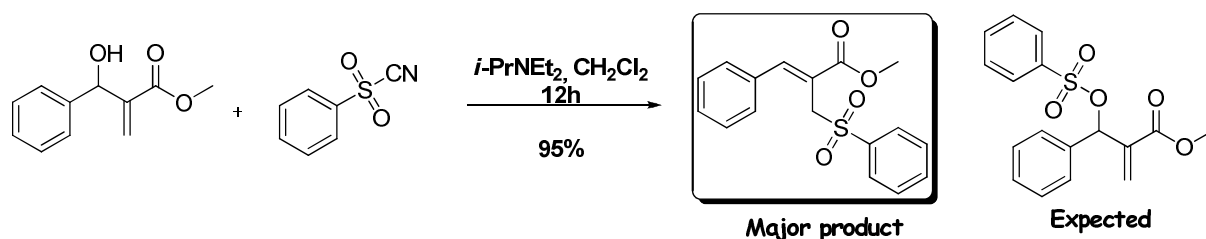
Exercise : Inside mechanism of recent unexpected reactions...

Suggest a mechanism for the formation of unexpected major (or unique) following products. For the last one, propose a structure for the intermediate.

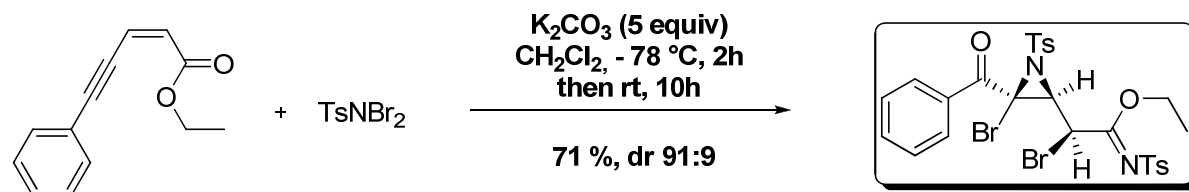
1. Unexpected dyotropic rearrangement: S. Denmark *et coll.* *Angew. Chem. Int. Ed.* **2005**, 3732.



2. Unexpected reactivity of sulfonyl cyanides: L. R. Reddy *et coll.*, *Angew. Chem. Int. Ed.* **2009**, 172.



3. Unexpected multiple electrophilic addition reaction: X. Huang *et coll.* *Org. Lett.* **2009**, 5698.



4. Unexpected synthesis of fenestrenes: J. Suffert *et coll.* *J. Am. Chem. Soc.* **2008**, 5046.

