

## CHEM HELP *ASAP*

### Organic Chemistry Problem Set

#### Predicting Regiochemistry of EAS Reactions

Instructions: For each starting material and reagent, predict the regiochemistry of the major observed product.

Suggested playlist:

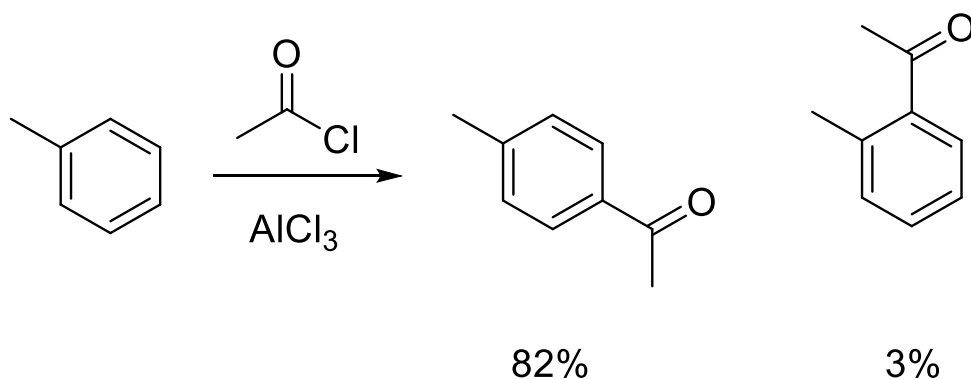
<https://www.youtube.com/watch?v=nMhxY0ljs0&list=PLlzSRqjN72jcxn8ybXY-FDu-3pRXMNKuM> (EAS regioselectivity)

YouTube video of answered questions:

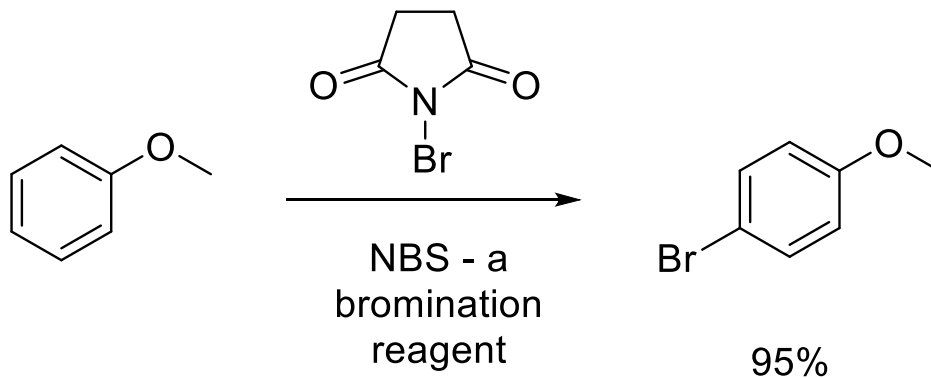
<https://youtu.be/B0SpVU5eWTY>

Questions:

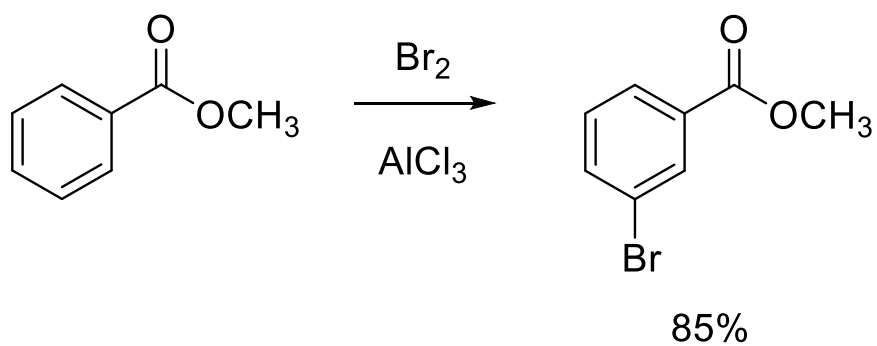
1. Deshmukh, A. P. *J. Chem. Res, Synop.* **1999**, 568-569.



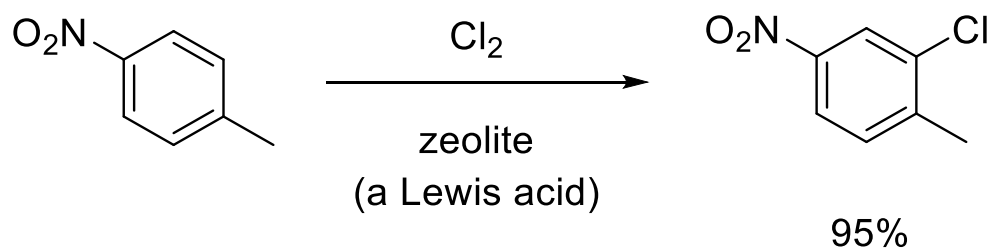
2. Bovonsombat, P. *Tetrahedron* **2017**, 73, 6564-6572.



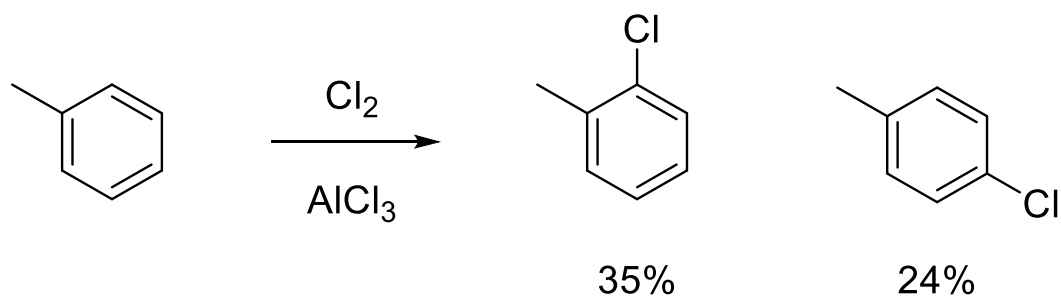
3. Pearson, D. E. *J. Org. Chem.* **1963**, *28*, 3147-3149.



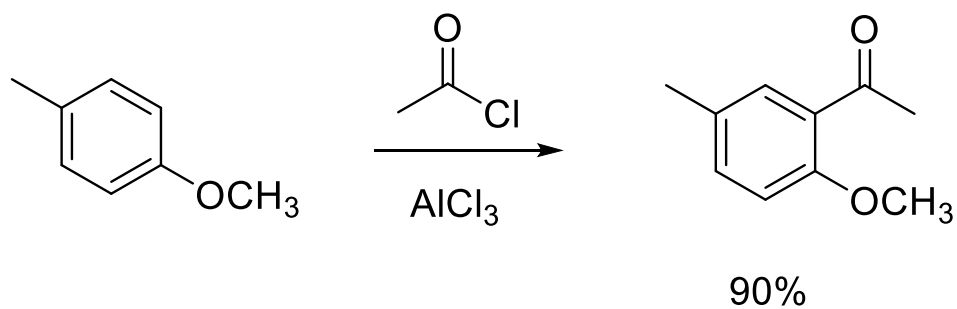
4. Shi, Z. CN103435491 2013-12-11.



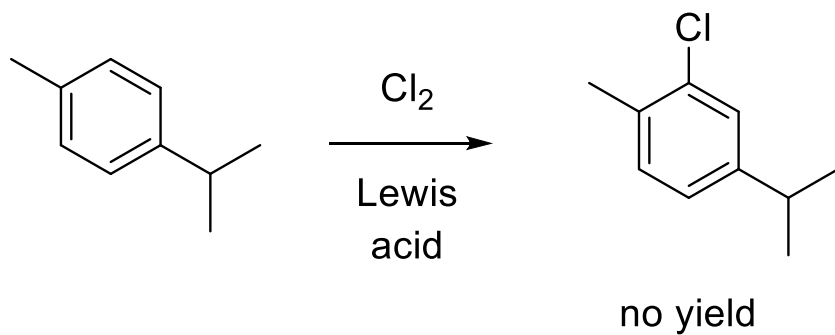
5. Matsuoka, S. JP2002154995 2002-05-28.



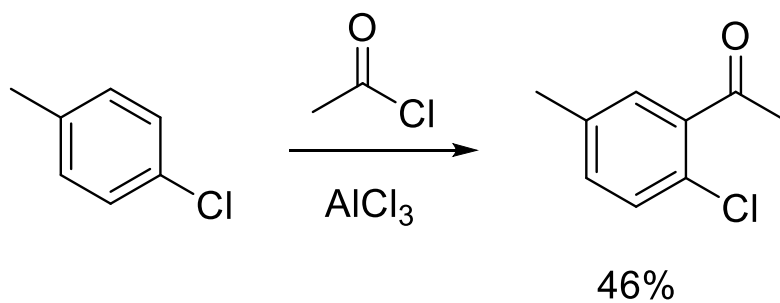
6. Dijkstra, P. J. *J. Org. Chem.* **1987**, *52*, 2433-2442.



7. Kuokkanen, T. *Chemosphere* **1989**, *18*, 1221-1225.



8. Valenta, V. *Coll. Czech. Chem. Commun.* **1979**, *44*, 2677-2688.



9. Aicher, T. D. WO2007124254 A2.

