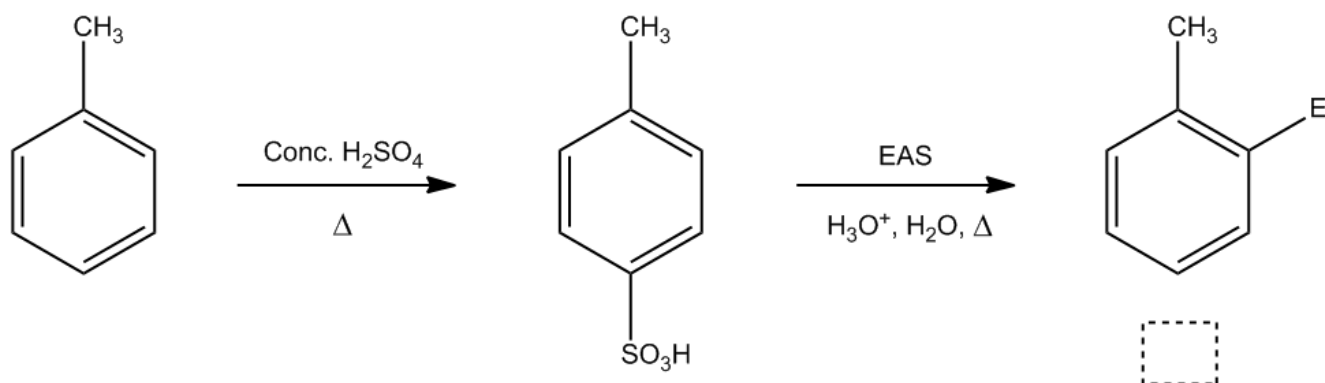


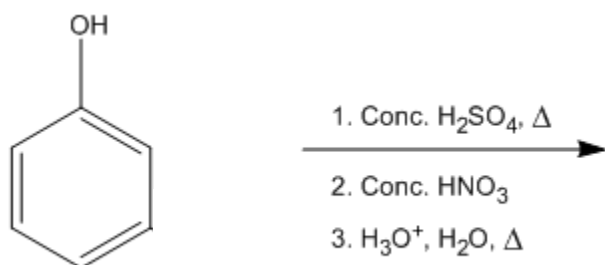
CONCEPT: BLOCKING GROUPS – SULFONIC ACID

As the **only** reversible EAS reaction, sulfonation is used to _____ the para position and _____ o-substitution.

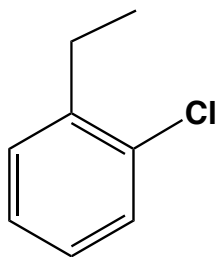
- Sometimes called a **blocking group** because it is not found in the final product.



EXAMPLE: Predict the product of the following multistep synthesis.



PRACTICE: Beginning from Benzene, synthesize the following compound.



(the only isomer)