

Organic Chemistry I Jasperse

Test 4 Extra Practice: Drawing Mechanisms when the Reactants and Products are Given

Aromatic Substitution Mechanism Practice. Product given.

- A subsequent practice set will give additional mechanism practice, but will also require you to predict the product as well. It will also have a bunch of other product prediction problems that don't focus on mechanisms, and a bunch of synthesis design practice problems.)

Standard Mechanism:

1. Create cationic electrophile. Use the acid to enable this.
 2. Aromatic bonds to cation. Arrow from aromatic to cationic electrophile.
 3. Deprotonation. Two electrons in C-H bond go to cation.
- *At least 3 resonance structures always available for the cation.



