

Name _____

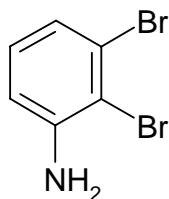
Organic Chemistry II, PreTest 1

Naming: Please provide the unambiguous name for each of the following structures or provide the structure for any of the following names. Include stereochemistry where appropriate.

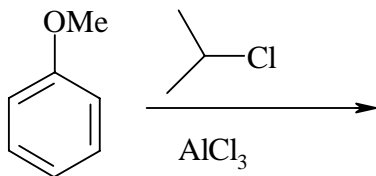
Structure

Name

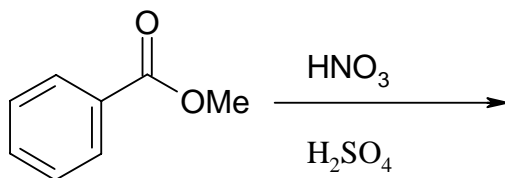
p-chlorotoluene



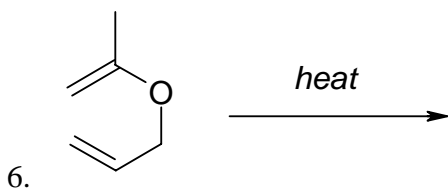
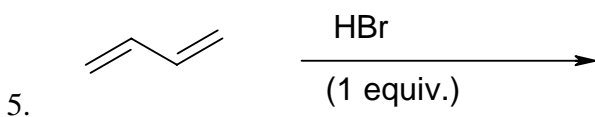
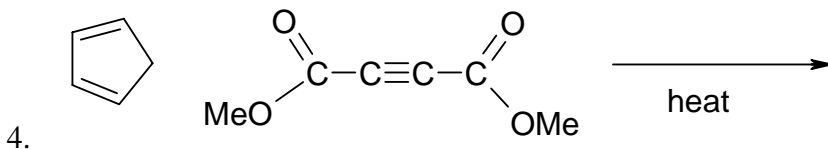
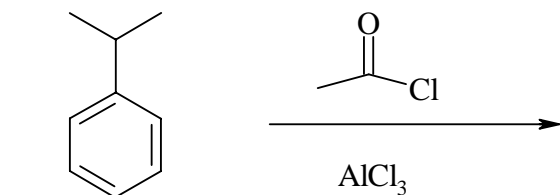
Reactions: Fill in the major product or products. Many of these reactions have 2 major products.



1.



2.



Synthesis: Please show how you would complete the following transformations. You will probably have to show more than one step. Use any necessary reagents.

1. benzene to 1-bromo-3-nitrobenzene

