

Last Name:

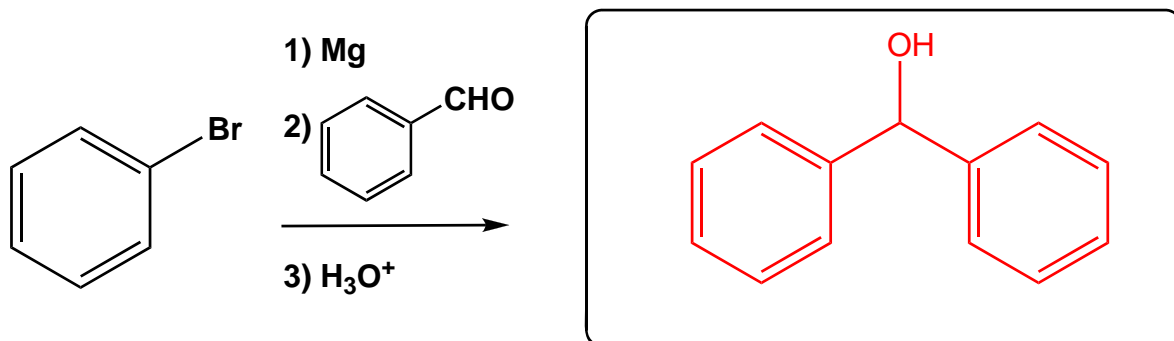
First Name:

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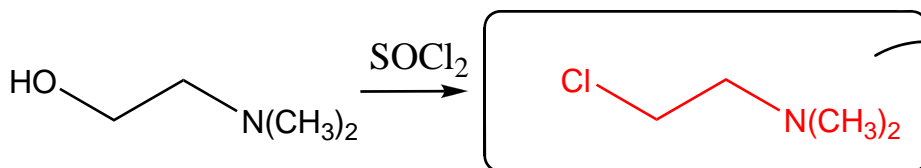
SCORE: **KEY**

Deadline for CH 318 POW 7: Oct 19, 2009 3:00 PM

Multi-step synthesis: Provide products for the following sequence of reactions. Draw each product in the box provided. Note: Benadryl is formed by the reaction of the sodium salt of "A" with "B".

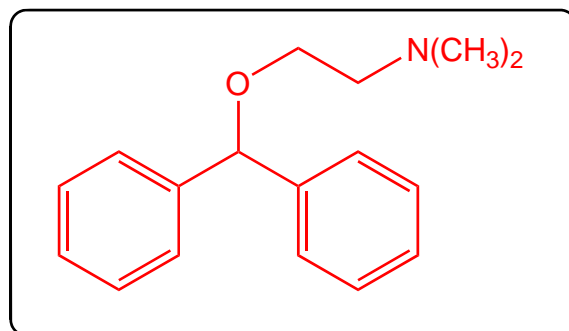


A
C₁₃H₁₂O



B
C₄H₁₀NCl

1) NaH
2) "B"



C
C₁₇H₂₁NO
Diphenhydramine
Benadryl®

Reactions: Draw the structure for the products of the following reaction(s).

