

Last Name:

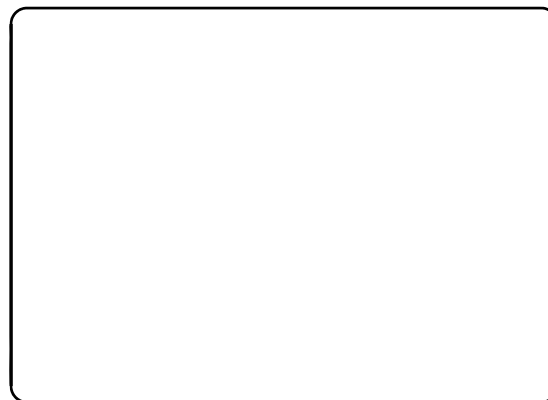
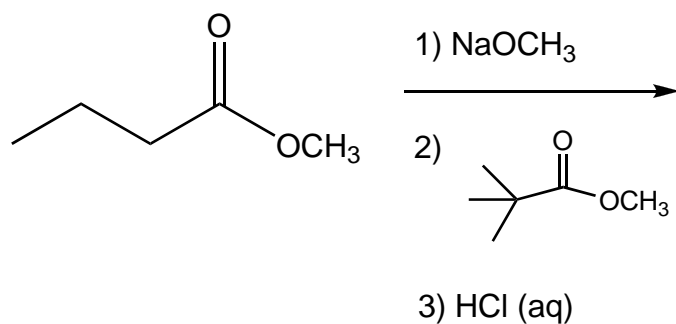
First Name:

UTEID:

SCORE:

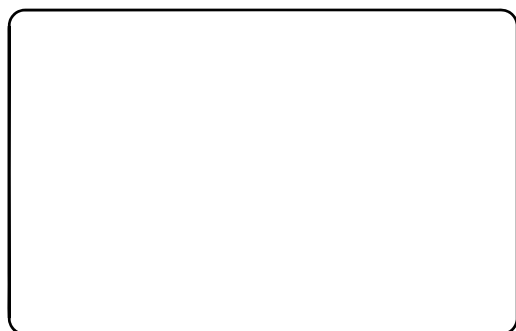
Deadline for CH 318 POW 9: Nov 2, 2009 3:00 PM

Multi-step synthesis: Provide products for the following sequence of reactions. Draw each product in the box provided.



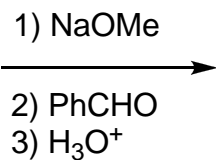
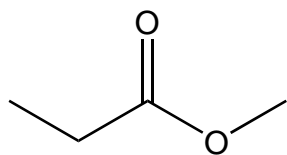
1) NaOH (aq)

2) HCl (aq)

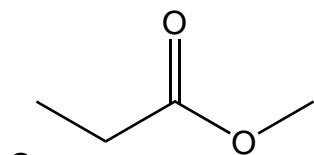


Reactions: Draw the products for the following transformations. No stereochemistry is required.

A)

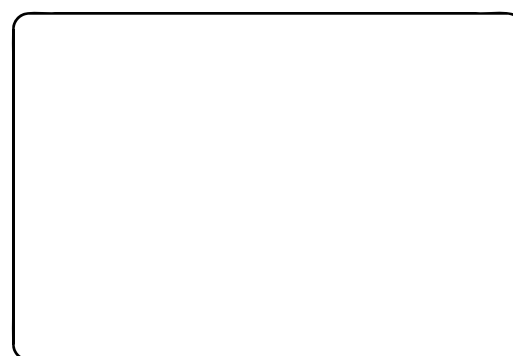
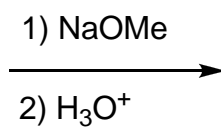


B)

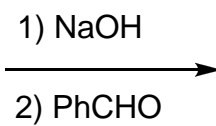
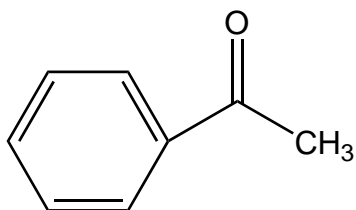


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(It reacts with itself)



C)



D)

