Preview Assessment: Workshop 9 Part 1

Name Workshop 9 Part 1

Instructions

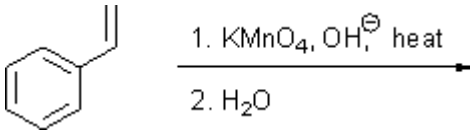
Multiple Attempts This Test allows multiple attempts.

Force Completion This Test can be saved and resumed later.

Question Completion Status:

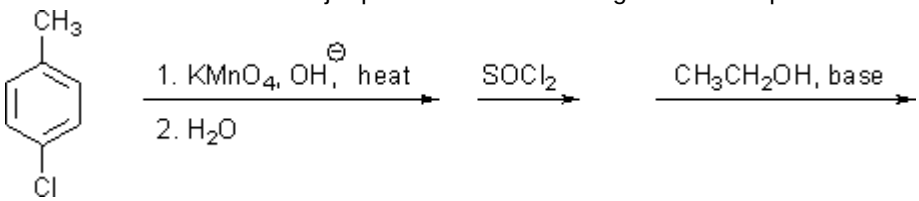
Question 1 **1 points** Save

Draw the structure of the product of the following reaction:



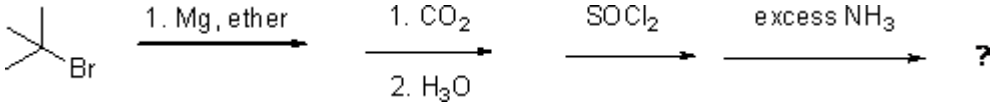
Question 2 **1 points** Save

Draw the structure of the major product of the following reaction sequence:



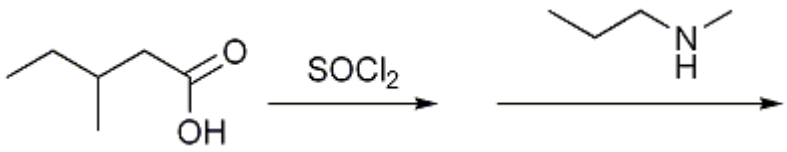
Question 3 **1 points** Save

Draw the structure of the major product of the following reaction:



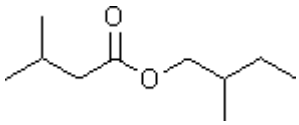
Question 4 **1 points** Save

Draw the structure of the major product of the following reaction sequence.



Question 5 **1 points** Save

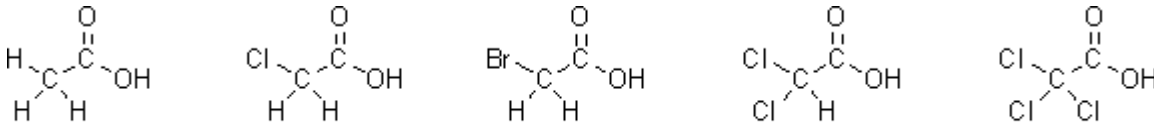
Choose the correct name for the following compound:



- 2-Methylbutyl 2-methylbutanoate
- 2-Methylbutyl 3-methylbutanoate
- 3-Methylbutyl isovalerate
- Isopentyl isovalerate
- Isopentyl isobutyrate

Question 6 **1 p**

Which of the following acids would have the smallest value for pK_a?

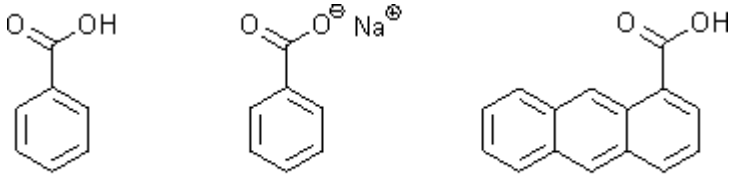


A **B** **C** **D** **E**

- A
- B
- C
- D
- E

Question 7 **1 points** Save

Choose the order that has the following compounds correctly arranged with respect to increasing solubility in water.

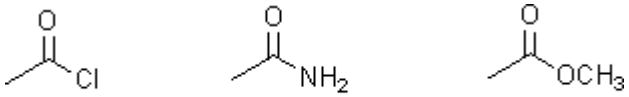


i **ii** **iii**

- i < ii < iii
- i < iii < ii
- ii < i < iii
- ii < iii < i
- iii < ii < i
- iii < i < ii

Question 8 **1 points** Save

Choose the order that has the following compounds correctly arranged with respect to increasing reactivity toward nucleophilic substitution.

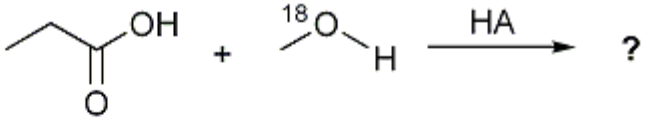


i **ii** **iii**

- i < ii < iii
- i < iii < ii
- ii < i < iii
- ii < iii < i
- iii < ii < i
- iii < i < ii

Question 9

Predict the major product of the following reaction.

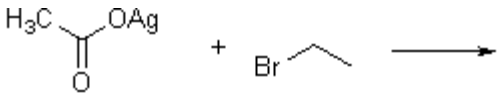


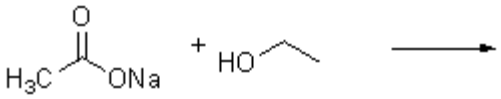
A **B** **C** **D**

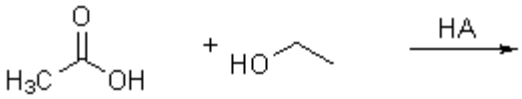
- A
- B
- C
- D
- E

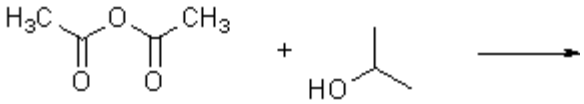
Question 10 **1 points** Save

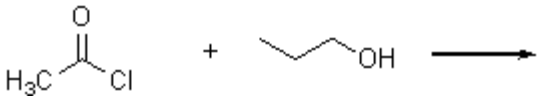
Which of the following combinations of reagents would not produce an ester?

A 

B 

C 

D 

E 

- A
- B
- C
- D
- E

Save Submit