

Unit 7 - Week 5: Organometallic Reagents/ Formation of Aliphatic Carbon-Nitrogen Bonds

Course outline

How to access the portal?

Prerequisite

Week 1: Formation of Aliphatic Carbon-Carbon Bonds: Base Catalyzed Reactions

Week 2: Formation of Aliphatic Carbon-Carbon Bonds: Base/Acid Catalyzed Reactions

Week 3: Formation of Aliphatic Carbon-Carbon Bonds: Acid Catalyzed Reactions

Week 4: Organometallic Reagents

Week 5: Organometallic Reagents/ Formation of Aliphatic Carbon-Nitrogen Bonds

Lec 1: Organocopper, Organozinc and Organomercury Reagents

Lec 2: Ritter Reaction and Gabriel Synthesis

Quiz : Assingment 5

Feedback form

Week 6: Formation of Aliphatic Carbon-Nitrogen Bonds

Live Session-1

Week 7: Electrophillic Aromatic Substitution

Week 8: Electrophillic and Nucleophilic Aromatic Substitution

Week 9: Nucleophilic Aromatic Substitution

Week 10: Aromatic Diazonium Salts

Live Session-2

Week 11: Aromatic Diazonium Salts, Molecular Rearrangements and Reagents Containing Phosphorus

Week 12: Reagents Containing Sulfur, Silicon, Boron, Tin and Free-Radical Reactions

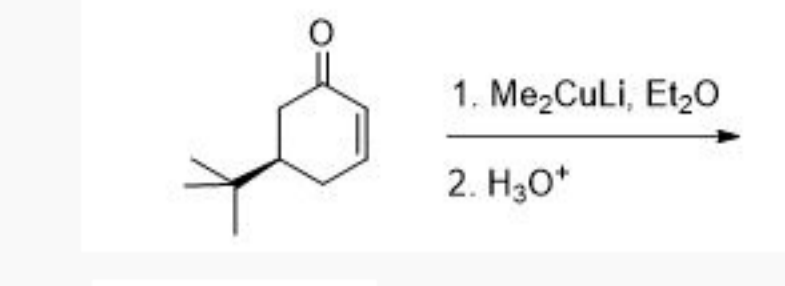
Live Session-3

Assingment 5

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

Due on 2019-09-04, 23:59 IST.

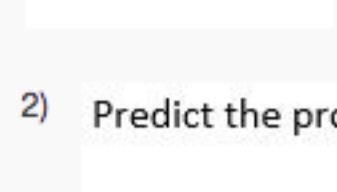
1) The major product of the reaction is



- CC(C)C1=CC=C(C=C1)C(O)C
- CC(C)C1=CC=C(C=C1)C(O)C
- CC(C)C1=CC=C(C=C1)C(=O)C
- CC(C)C1=CC=C(C=C1)C(=O)C

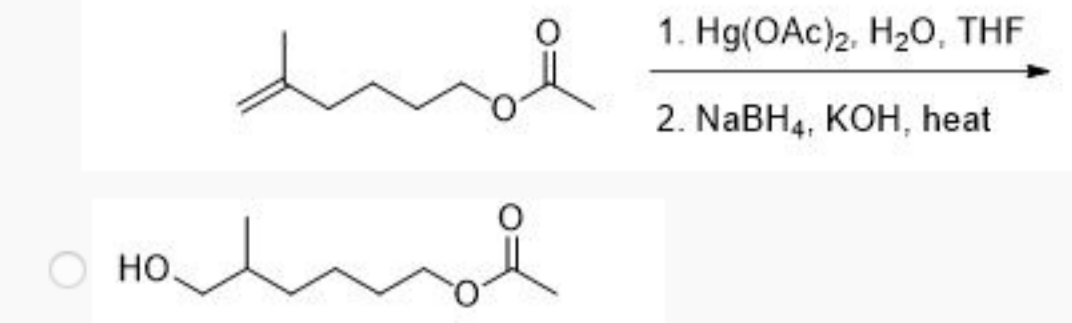
No, the answer is incorrect. Score: 0

Accepted Answers:



1 point

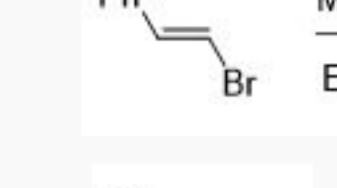
2) Predict the product of the following reaction



- CC(C)C(O)CCCOCC(=O)C
- CC(C)C(O)CCCO
- CC(C)C(O)CCCOCC(=O)C
- CC(C)C(O)CCCO

No, the answer is incorrect. Score: 0

Accepted Answers:



1 point

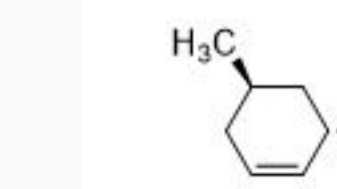
3) The product of the following reaction is



- CC1=CC=C(C=C1)C=C(C)C
- CC1=CC=C(C=C1)C(C)C(Br)C
- CC1=CC=C(C=C1)C=C(C)C
- CC1=CC=C(C=C1)C=C(C)C

No, the answer is incorrect. Score: 0

Accepted Answers:



1 point

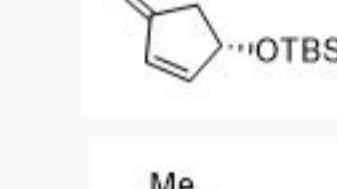
4) Predict the product of the reaction



- CC1=CC=C(C=C1)C(C)C(C)C
- CC1=CC=C(C=C1)C(C)C(C)C
- CC1=CC=C(C=C1)C(C)C(C)C
- CC1=CC=C(C=C1)C(C)C(C)C

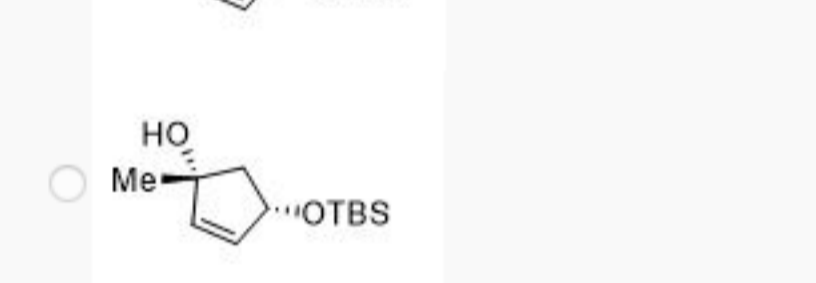
No, the answer is incorrect. Score: 0

Accepted Answers:



1 point

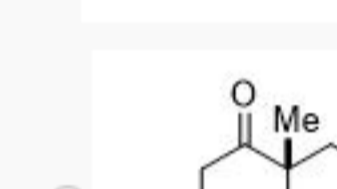
5) The major product formed in the reaction given below is



- CC1=CC=C(C=C1)C(O)C(OTBS)C
- CC1=CC=C(C=C1)C(O)C(OTBS)C
- CC1=CC=C(C=C1)C(=O)C(OTBS)C
- CC1=CC=C(C=C1)C(=O)C(OTBS)C

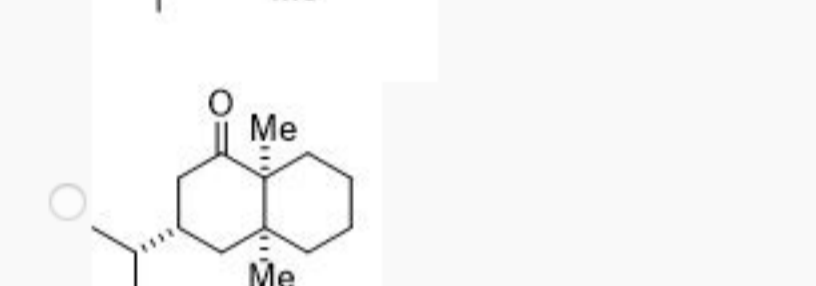
No, the answer is incorrect. Score: 0

Accepted Answers:



1 point

6) The major product formed in the reaction given below is



- CC(C)C1=CC=C(C=C1)C(=O)C(C)C(C)C
- CC(C)C1=CC=C(C=C1)C(=O)C(C)C(C)C
- CC(C)C1=CC=C(C=C1)C(=O)C(C)C(C)C
- CC(C)C1=CC=C(C=C1)C(=O)C(C)C(C)C

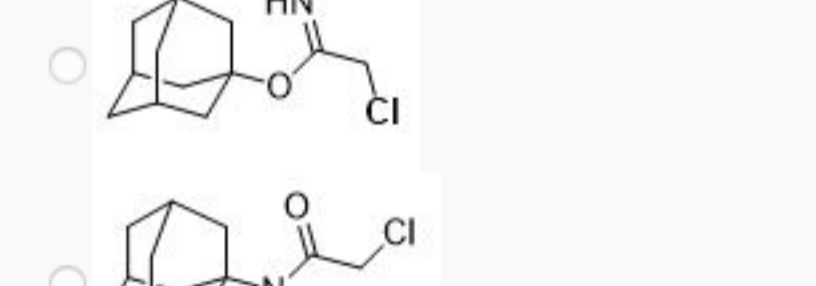
No, the answer is incorrect. Score: 0

Accepted Answers:



1 point

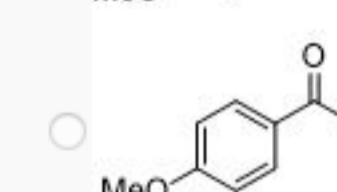
7) The product of the following reaction is



- C12CC3CC4C1(C2)C(OC#N)C4
- C12CC3CC4C1(C2)C(NC#N)C4
- C12CC3CC4C1(C2)C(NC#N)C4
- C12CC3CC4C1(C2)C(NC#N)C4

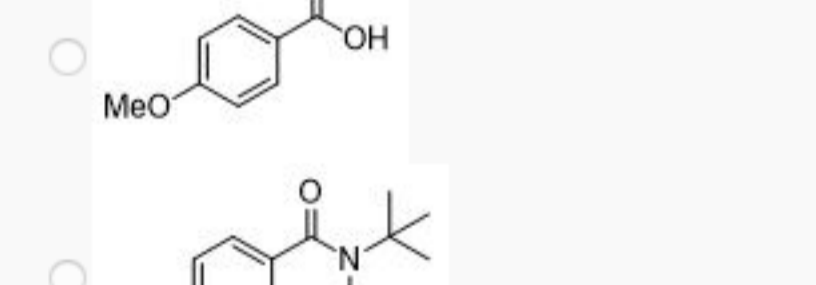
No, the answer is incorrect. Score: 0

Accepted Answers:



1 point

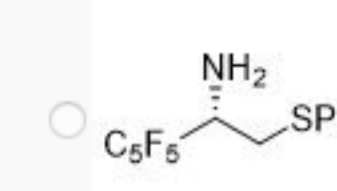
8) Predict the product of the reaction



- COc1ccc(NC(=O)C(C)C)cc1
- COc1ccc(N)cc1
- COc1ccc(O)cc1
- COc1ccc(NC(=O)C(C)C)cc1

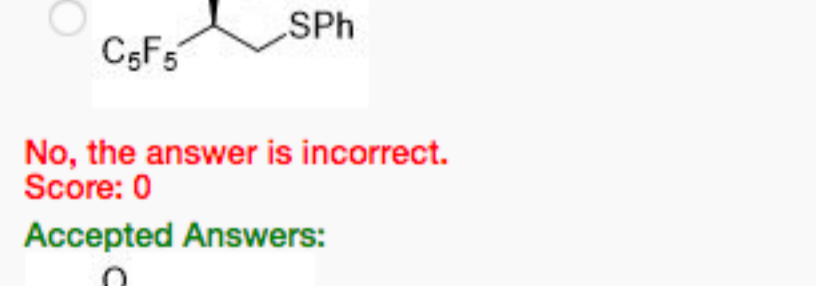
No, the answer is incorrect. Score: 0

Accepted Answers:



1 point

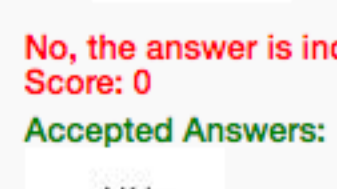
9) The product of the following reaction is



- CC(F)(F)F[C@H](NC(=O)C)CC1=CC=C(C=C1)
- CC(F)(F)F[C@H](NC(=O)C)CC1=CC=C(C=C1)
- CC(F)(F)F[C@H](N)CC1=CC=C(C=C1)
- CC(F)(F)F[C@H](N)CC1=CC=C(C=C1)

No, the answer is incorrect. Score: 0

Accepted Answers:



1 point

10) The amine that cannot be prepared by the Gabriel synthesis is

- NC1CCCCC1
- NC1=CC=CC=C1
- NC(C)C
- NC1=CC=CC=C1

No, the answer is incorrect. Score: 0

Accepted Answers:

1 point