

Unit 16 - Week 12: Reagents Containing Sulfur, Silicon, Boron, Tin and Free-Radical Reactions

Course outline

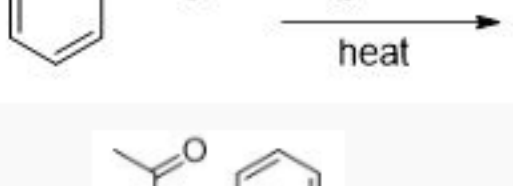
- How to access the portal?
- Prerequisite
- Week 1: Formation of Aliphatic Carbon-Carbon Bonds: Base Catalyzed Reactions
- Week 2: Formation of Aliphatic Carbon-Carbon Bonds: Base/Acid Catalyzed Reactions
- Week 3: Formation of Aliphatic Carbon-Carbon Bonds: Acid Catalyzed Reactions
- Week 4: Organometallic Reagents
- Week 5: Organometallic Reagents/ Formation of Aliphatic Carbon-Nitrogen Bonds
- Week 6: Formation of Aliphatic Carbon-Nitrogen Bonds
- Live Session-1
- Week 7: Electrophilic Aromatic Substitution
- Week 8: Electrophilic 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
 - Lec 1: Reactions of sulfur and silicon containing reagents
 - Lec 2: Preparation and reactions of organoborane and organotin reagents
 - Lec 3: Formation of carbon-carbon and carbon-halogen bonds
 - Lec 4: Cu, Mn, Sm, and Sn Based Reactions, Acyloin Condensation
 - Lec 5: C-N, C-O bond formation and decarboxylation
- Quiz : Assignment 12
- Feedback form
- Live Session-3

Assignment 12

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

Due on 2019-10-23, 23:59 IST.

1) Predict the product of the following reaction



- CC(=O)c1ccc(cc1)C(=O)c2ccccc2
- CC(=O)c1ccc(cc1)C(=O)c2ccccc2
- CC(O)(O)c1ccc(cc1)c2ccccc2
- CC(=O)c1ccc(cc1)C(=O)c2ccccc2

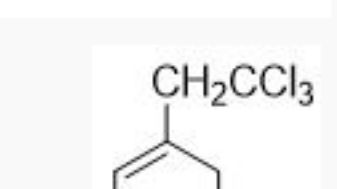
No, the answer is incorrect. Score: 0

Accepted Answers:



1 point

2) Predict the product of the following reaction



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

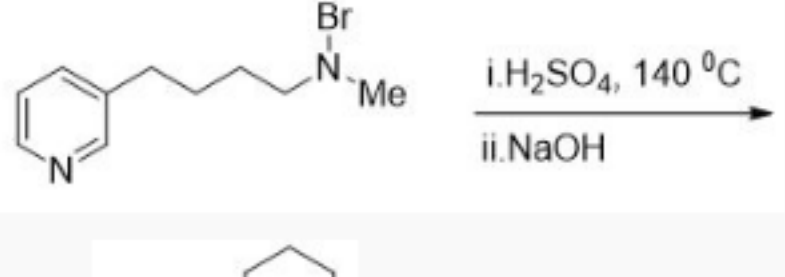
No, the answer is incorrect. Score: 0

Accepted Answers:



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3) Predict the product of the following reaction



- CN1CCCC1c2ccccc2
- CN1CCCC1c2cccnc2
- CN1CCCC1c2cccnc2
- CN1CCCC1c2cccnc2

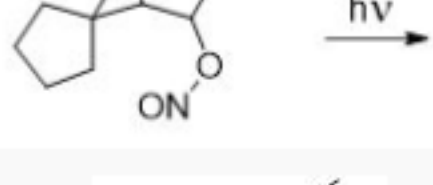
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Accepted Answers:



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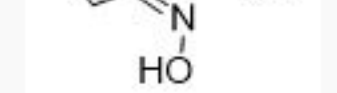
4) Predict the product of the following reaction



- CC12CCC1C(O)N2
- CC12CCC1C(O)N2
- CC12CCC1C(O)N2
- CC12CCC1C(O)N2

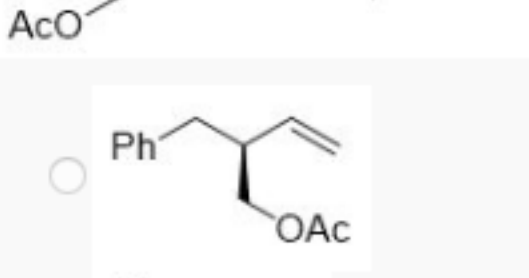
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Accepted Answers:



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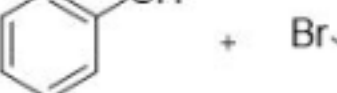
5) Predict the product of the following reaction



- CC(=O)C1C(I)C1c2ccccc2
- CC(=O)C1C(I)C1c2ccccc2
- CC(=O)C1C(I)C1c2ccccc2
- CC(=O)C1C(I)C1c2ccccc2

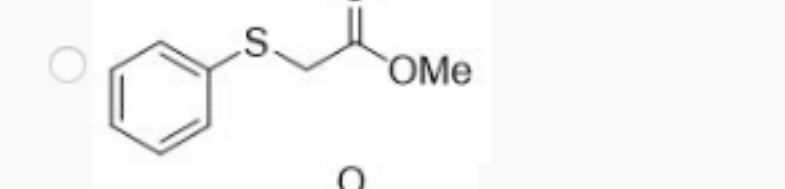
No, the answer is incorrect. Score: 0

Accepted Answers:



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6) Predict the product of the following reaction



- COC(=O)Sc1ccccc1
- COC(=O)Sc1ccccc1
- COC(=O)Sc1ccccc1
- COC(=O)Sc1ccccc1

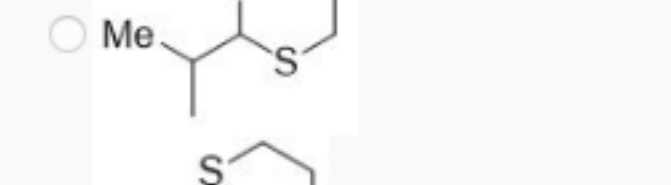
No, the answer is incorrect. Score: 0

Accepted Answers:



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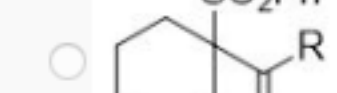
7) Predict the product of the following reaction



- CC(=O)S1CCCCS1
- CC(=O)S1CCCCS1
- CC(=O)S1CCCCS1
- CC(=O)S1CCCCS1

No, the answer is incorrect. Score: 0

Accepted Answers:



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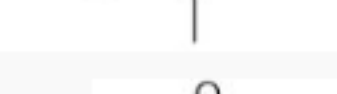
8) Predict the product of the following reaction



- CC1(C)CCC(CC1)S(=O)(=O)c2ccccc2
- CC1(C)CCC(CC1)S(=O)(=O)c2ccccc2
- CC1(C)CCC(CC1)S(=O)(=O)c2ccccc2
- CC1(C)CCC(CC1)S(=O)(=O)c2ccccc2

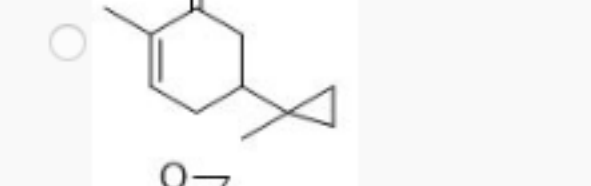
No, the answer is incorrect. Score: 0

Accepted Answers:



1 point

9) Predict the product of the following reaction



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

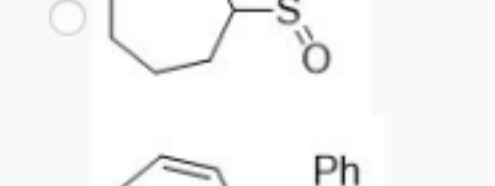
No, the answer is incorrect. Score: 0

Accepted Answers:



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10) Predict the product of the following reaction



- C1CCC(CC1)S(=O)(=O)c2ccccc2
- C1CCC(CC1)S(=O)(=O)c2ccccc2
- C1CCC(CC1)S(=O)(=O)c2ccccc2
- C1CCC(CC1)S(=O)(=O)c2ccccc2

No, the answer is incorrect. Score: 0

Accepted Answers:



1 point