

Unit 13 - Week 10: Aromatic Diazonium Salts

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
<input type="radio"/> Quiz : Assignment 10 <input type="radio"/> Lec 1: Preparation, properties and reactions <input type="radio"/> Lec 2: Coupling reactions, Japp-Kingemann reaction and Tiffeneau-Denjanov rearrangement <input type="radio"/> Feedback form
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

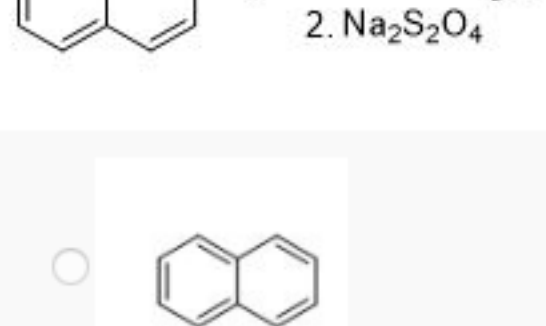
Assignment 10

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

Due on 2019-10-09, 23:59 IST.

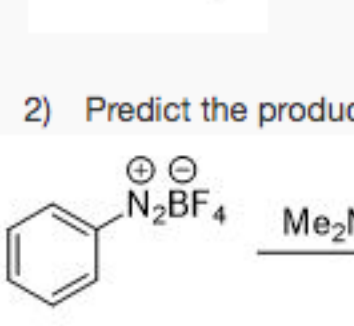
1) Predict the product of the reaction sequence

1 point



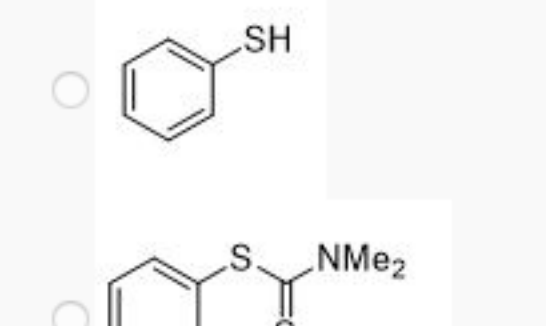
- Oc1ccc2ccccc12
- Oc1ccc(N)cc1
- Oc1ccc(N)cc1
- O=C1C=CC(=O)C=C1

No, the answer is incorrect. Score: 0



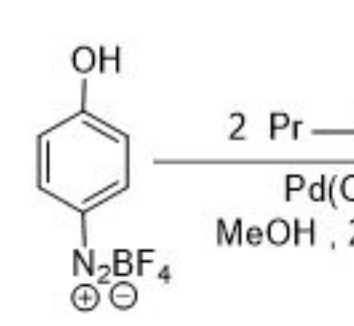
2) Predict the product of the reaction sequence

1 point



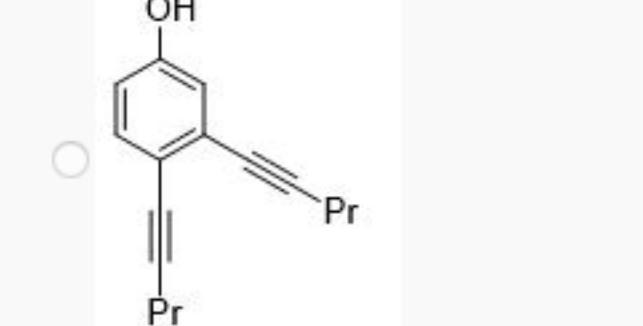
- S1=CC=CC=C1
- CN(C)S(=S)1=CC=CC=C1
- S=C1=CC=CC=C1
- CN(C)1=CC=CC=C1

No, the answer is incorrect. Score: 0



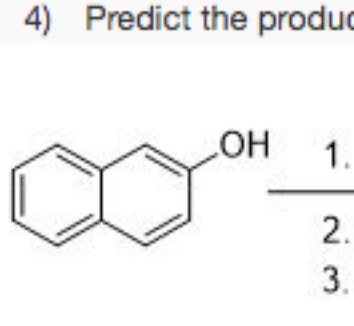
3) Predict the product of the reaction sequence

1 point



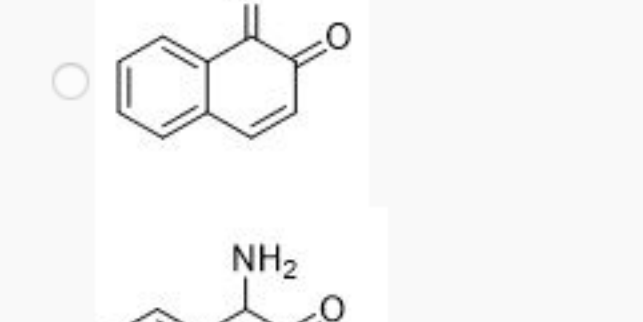
- Oc1ccc(N2=CN=CN2)cc1
- Oc1ccc(N2=CN=CN2)cc1
- O=C1C=CC(=O)C=C1
- Oc1ccc(N2=CN=CN2)cc1

No, the answer is incorrect. Score: 0



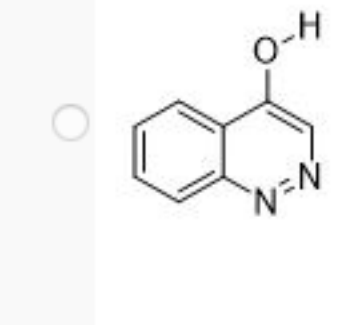
4) Predict the product of the reaction sequence

1 point



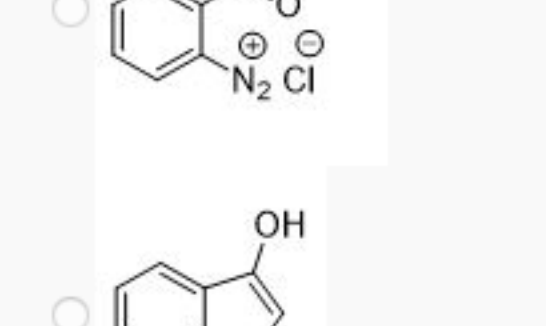
- O=C1C=CC(=O)C=C1
- Nc1ccc2ccccc12
- Nc1ccc2ccccc12
- O=C1C=CC(=O)C=C1

No, the answer is incorrect. Score: 0



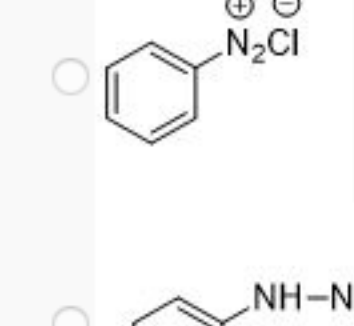
5) Predict the product of the reaction sequence

1 point



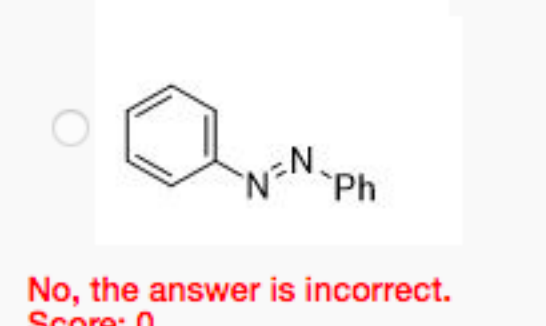
- Oc1ccc(N)cc1
- CC(=O)c1ccc(N)cc1
- Oc1ccc(N)cc1
- CC(=O)c1ccc(N)cc1

No, the answer is incorrect. Score: 0



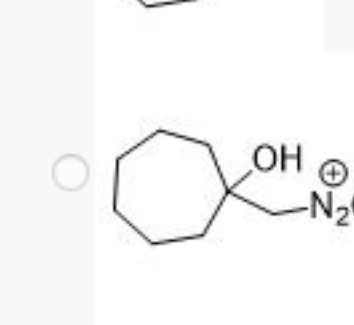
6) Predict the product of the reaction sequence

1 point



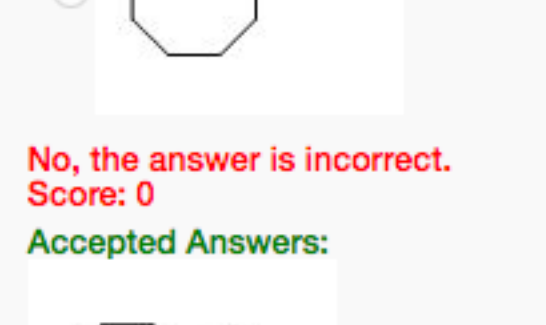
- Nc1ccccc1
- [Cl-][N+]#Nc1ccccc1
- Nc1ccccc1
- Nc1ccccc1

No, the answer is incorrect. Score: 0



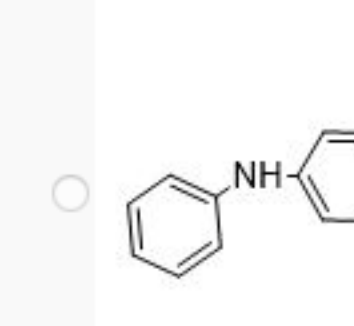
7) Predict the product of the reaction sequence

1 point



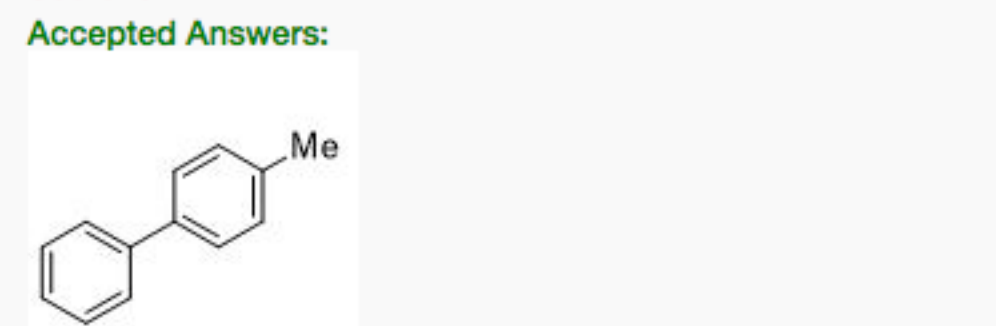
- OC1CCCCC1
- OC1CCCCC1
- OC1CCCCC1
- O=C1CCCCC1

No, the answer is incorrect. Score: 0



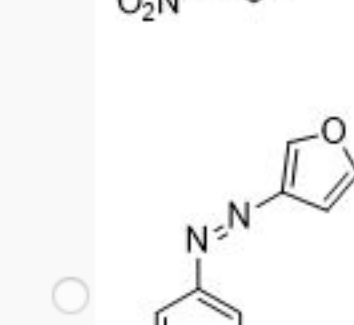
8) Predict the product of the reaction sequence

1 point



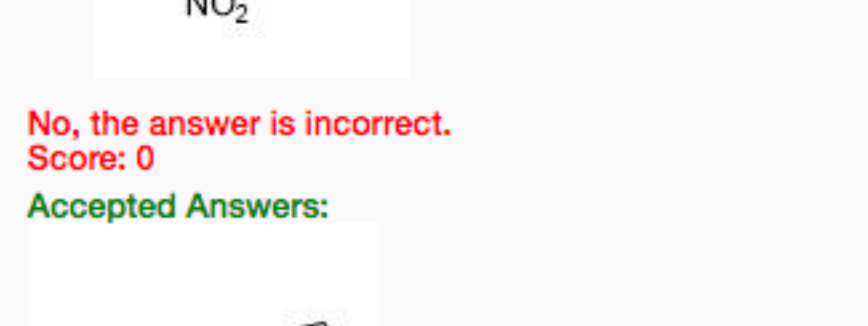
- Nc1ccc(cc1)-c2ccc(C)cc2
- Nc1ccc(cc1)-c2ccc(B(O)O)cc2
- Nc1ccc(cc1)-c2ccc(B(O)O)cc2
- Nc1ccc(cc1)-c2ccc(C)cc2

No, the answer is incorrect. Score: 0



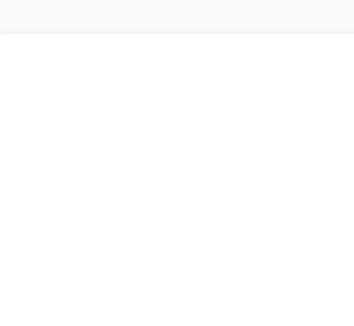
9) Predict the product of the reaction sequence

1 point



- [O-][N+]([O-])c1ccc(N2=CN=CN2)cc1
- [O-][N+]([O-])c1ccc(N2=CN=CN2)cc1
- [O-][N+]([O-])c1ccc(N2=CN=CN2)cc1
- [O-][N+]([O-])c1ccc(N2=CN=CN2)cc1

No, the answer is incorrect. Score: 0



10) Predict the product of the reaction sequence

1 point



- A = Nc1ccc(N)cc1 ; B = Nc1ccc(N)cc1
- A = Nc1ccc(N)cc1 ; B = Nc1ccc(N)cc1
- A = B = Nc1ccc(N)cc1
- A = B = Nc1ccc(N)cc1

No, the answer is incorrect. Score: 0

