

Unit 12 - week 9: ORGANIC TRANSFORMATIONS-USING TRANSITION METALS PART-II

Course outline

How to access the portal?

Week 0: Prerequisites

WEEK 1: OXIDIZING AGENT IN ORGANIC TRANSFORMATION PART-I

Week 2 : OXIDIZING AGENT IN ORGANIC TRANSFORMATION PART-II

Week 3 : REDUCING AGENT IN ORGANIC TRANSFORMATION PART-I

Week 4 : REDUCING AGENT IN ORGANIC TRANSFORMATION PART-II

Week 5: ORGANIC TRANSFORMATIONS-USING NON-TRANSITION METALS PART-I

Live Session-1

Week 6: ORGANIC TRANSFORMATIONS-USING NON-TRANSITION METALS PART-II

Week 7: Organic Transformations-Using Non-Transition Metals Part-III

Week 8: ORGANIC TRANSFORMATIONS-USING TRANSITION METALS PART-I

week 9: ORGANIC TRANSFORMATIONS-USING TRANSITION METALS PART-II

Lec 1: Cu BASED REAGENTS IN ORGANIC SYNTHESIS

Lec 2: Cr and Mn BASED REAGENTS IN ORGANIC SYNTHESIS

Lec 3: Zn and Hg BASED REAGENTS IN ORGANIC SYNTHESIS

Quiz : Assignment-9

Feedback form

Live Session-2

Week 10 : ORGANIC TRANSFORMATIONS-USING TRANSITION METALS PART-III

Week 11: ORGANIC TRANSFORMATIONS-USING TRANSITION METALS PART-IV

WEEK 12 : ORGANIC TRANSFORMATIONS-USING LANTHANIDES REAGENTS

Live Session-3

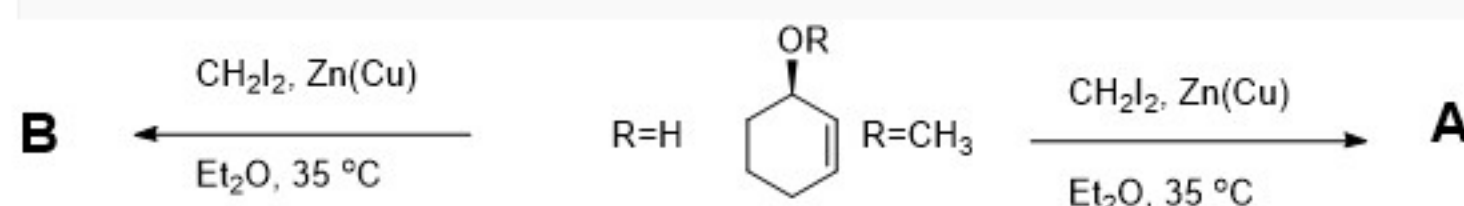
Assignment-9

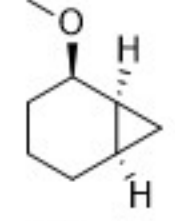
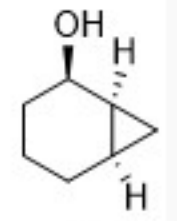
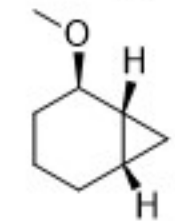
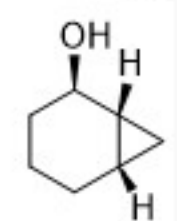
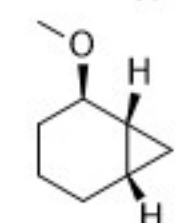
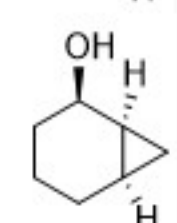
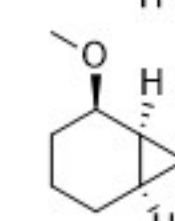
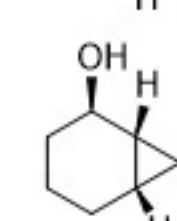
The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

Due on 2019-10-02, 23:59 IST.

1) Predict the product of the following reaction, respectively:

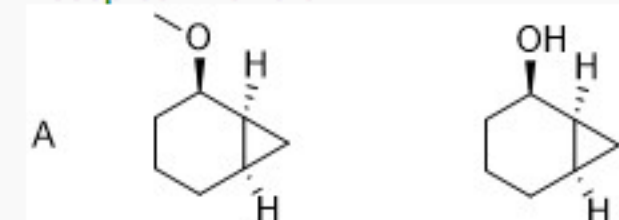
2 points



- A  
- B  
- C  
- D  

No, the answer is incorrect. Score: 0

Accepted Answers:



2) What is Fukuyama coupling?

2 points

- A) Reaction between ester, organozinc halide and Pd catalyst
- B) Reaction between ester, organozinc and Pd catalyst
- C) Reaction between thio ester, organozinc halide and Pd catalyst
- D) Reaction between thio ester, organozinc and Pd catalyst

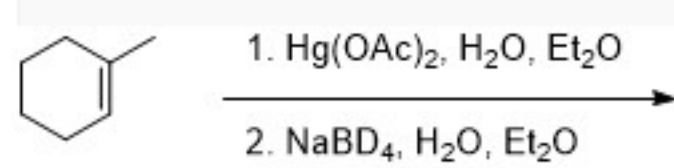
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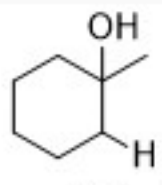
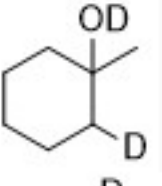
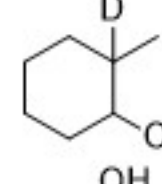
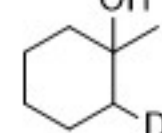
Accepted Answers:

C) Reaction between thio ester, organozinc halide and Pd catalyst

3) Predict the product of the following reaction:

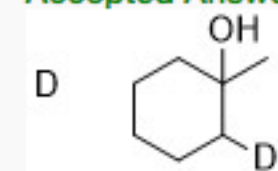
2 points



- A 
- B 
- C 
- D 

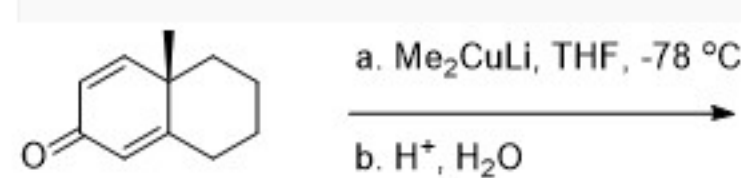
No, the answer is incorrect. Score: 0

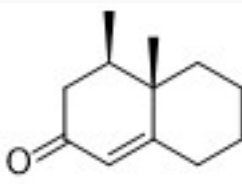
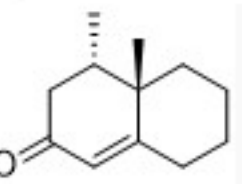
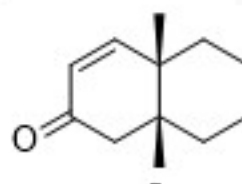
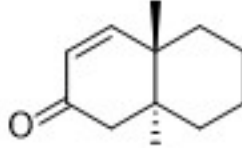
Accepted Answers:



4) Predict the product of the following reaction:

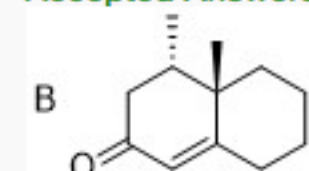
2 points



- A 
- B 
- C 
- D 

No, the answer is incorrect. Score: 0

Accepted Answers:



5) Nozaki-Hiyama coupling reaction proceed via which mechanism?

2 points

- A. Free radical
- B. Carbene
- C. Carbocation
- D. Carbanion

No, the answer is incorrect. Score: 0

Accepted Answers:

A. Free radical