

# Unit 11 - Week 8: ORGANIC TRANSFORMATIONS-USING TRANSITION METALS PART-I

## 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

Lec 1: TI BASED REAGENTS IN ORGANIC SYNTHESIS

Lec 2: Ru BASED REAGENTS IN ORGANIC SYNTHESIS

Lec 3: Pd BASED REAGENTS IN ORGANIC SYNTHESIS

Quiz : Assignment 8

Feedback form

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

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

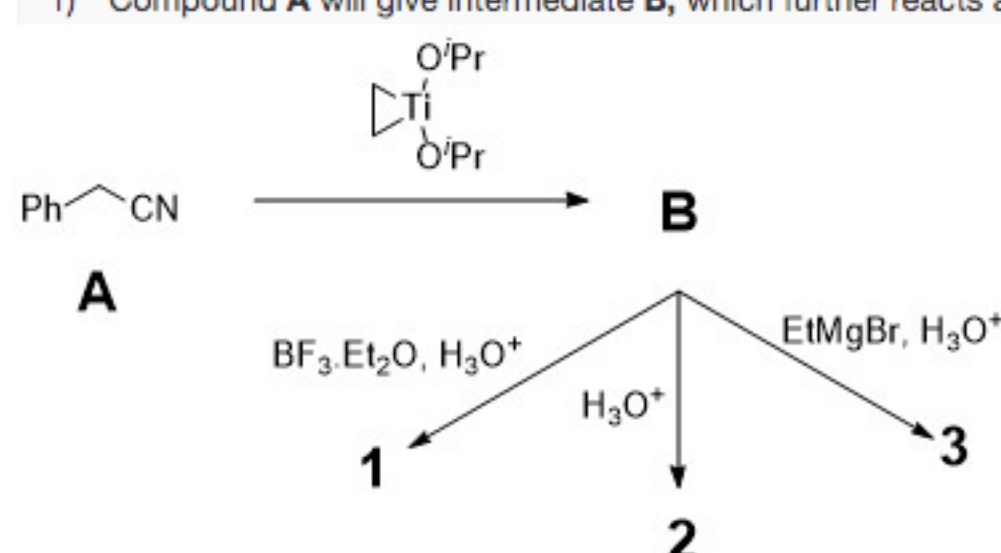
## Assignment 8

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

Due on 2019-09-25, 23:59 IST.

1) Compound A will give intermediate B, which further reacts and gives compound 1, 2 and 3. Predict 1, 2 and 3, respectively:

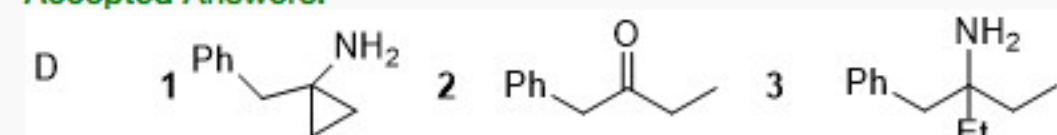
2 points



- A
- B
- C
- D

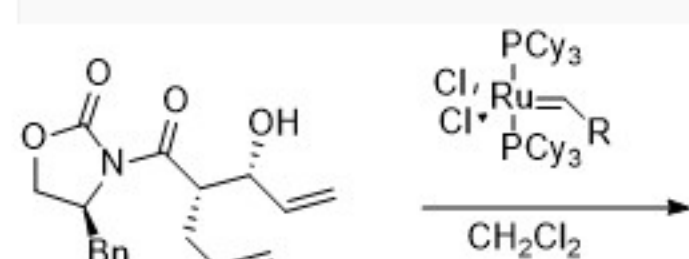
No, the answer is incorrect. Score: 0

Accepted Answers:



2) Predict the product of the following reaction:

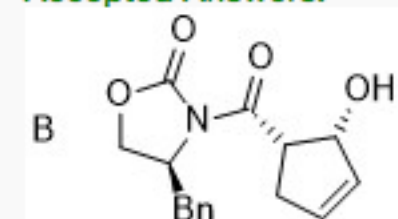
2 points



- A
- B
- C
- D

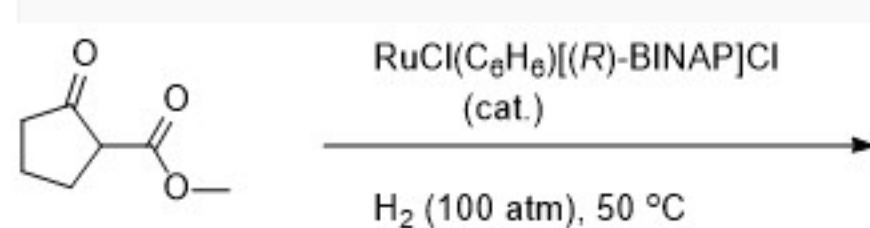
No, the answer is incorrect. Score: 0

Accepted Answers:



3) Predict the product of the following reaction:

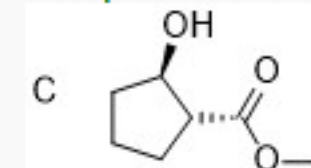
2 points



- A
- B
- C
- D

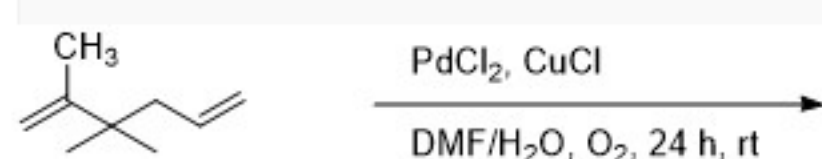
No, the answer is incorrect. Score: 0

Accepted Answers:



4) Predict the product of the following reaction:

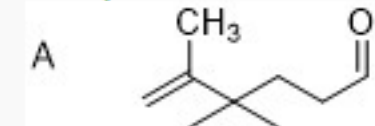
2 points



- A
- B
- C
- D

No, the answer is incorrect. Score: 0

Accepted Answers:



5) Predict the sequence of Heck reaction pathway:

2 points

- A. Migratory insertion, Oxidative addition, Hydride elimination
- B. Oxidative addition, Hydride elimination, Migratory insertion
- C. Hydride elimination, Oxidative addition, Migratory insertion
- D. Oxidative addition, Migratory insertion, Hydride elimination

No, the answer is incorrect. Score: 0

Accepted Answers:

D. Oxidative addition, Migratory insertion, Hydride elimination