

MSM Lab Group Seminar



MSM LAB



**MSM Lab
Problem Set
Dated: 07.08.2020**



IIT Kharagpur

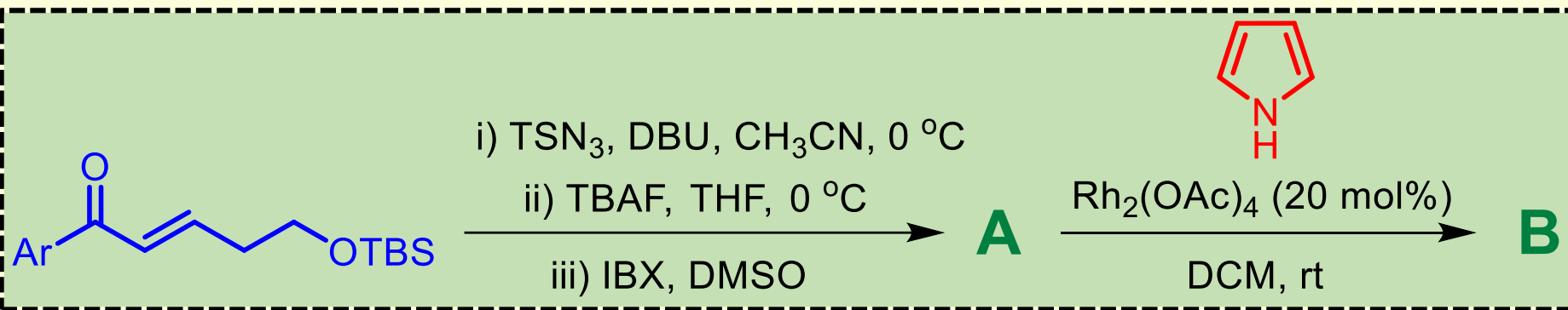


**Presented by
Sourav Sekhar Bera**

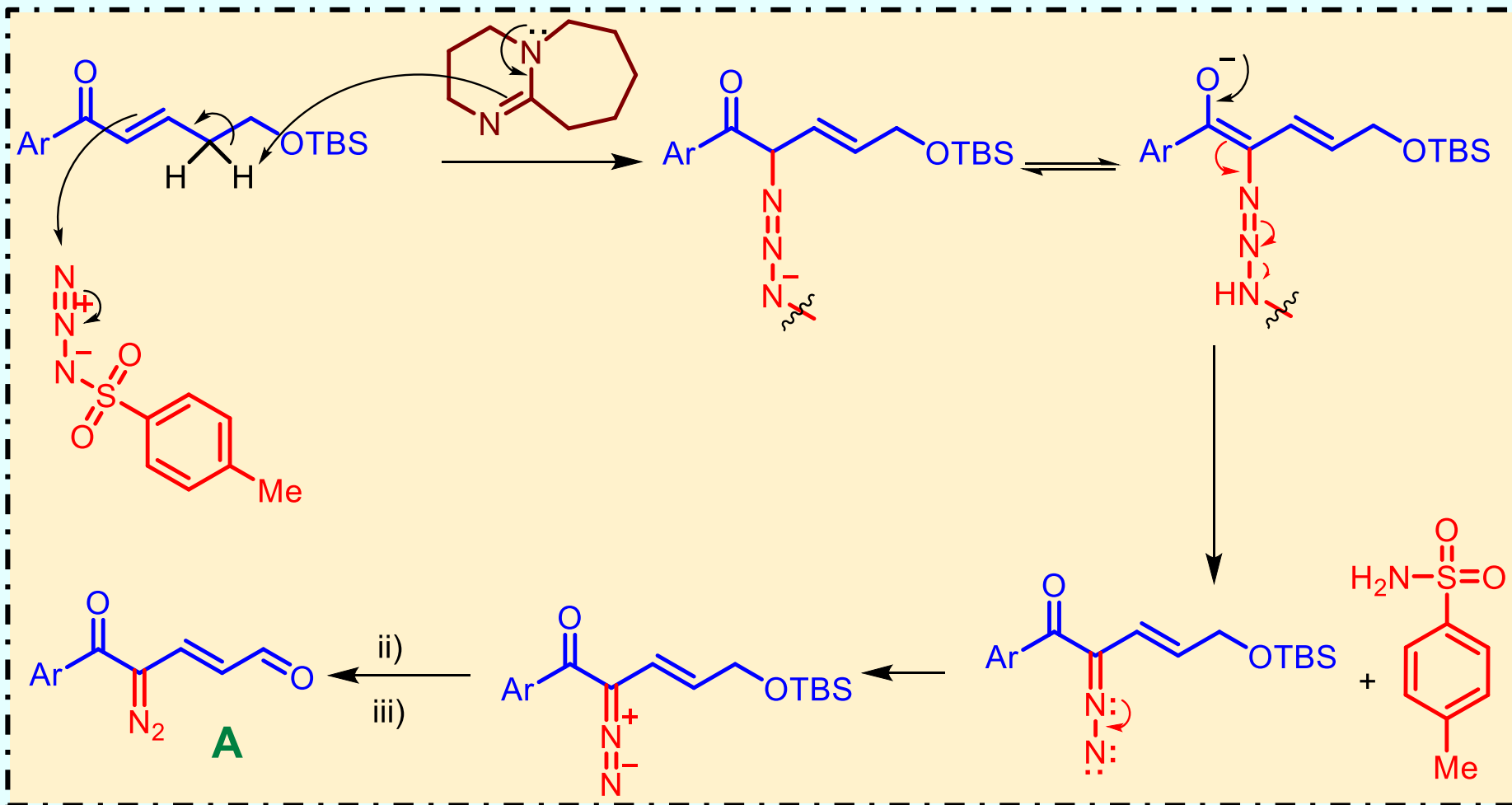


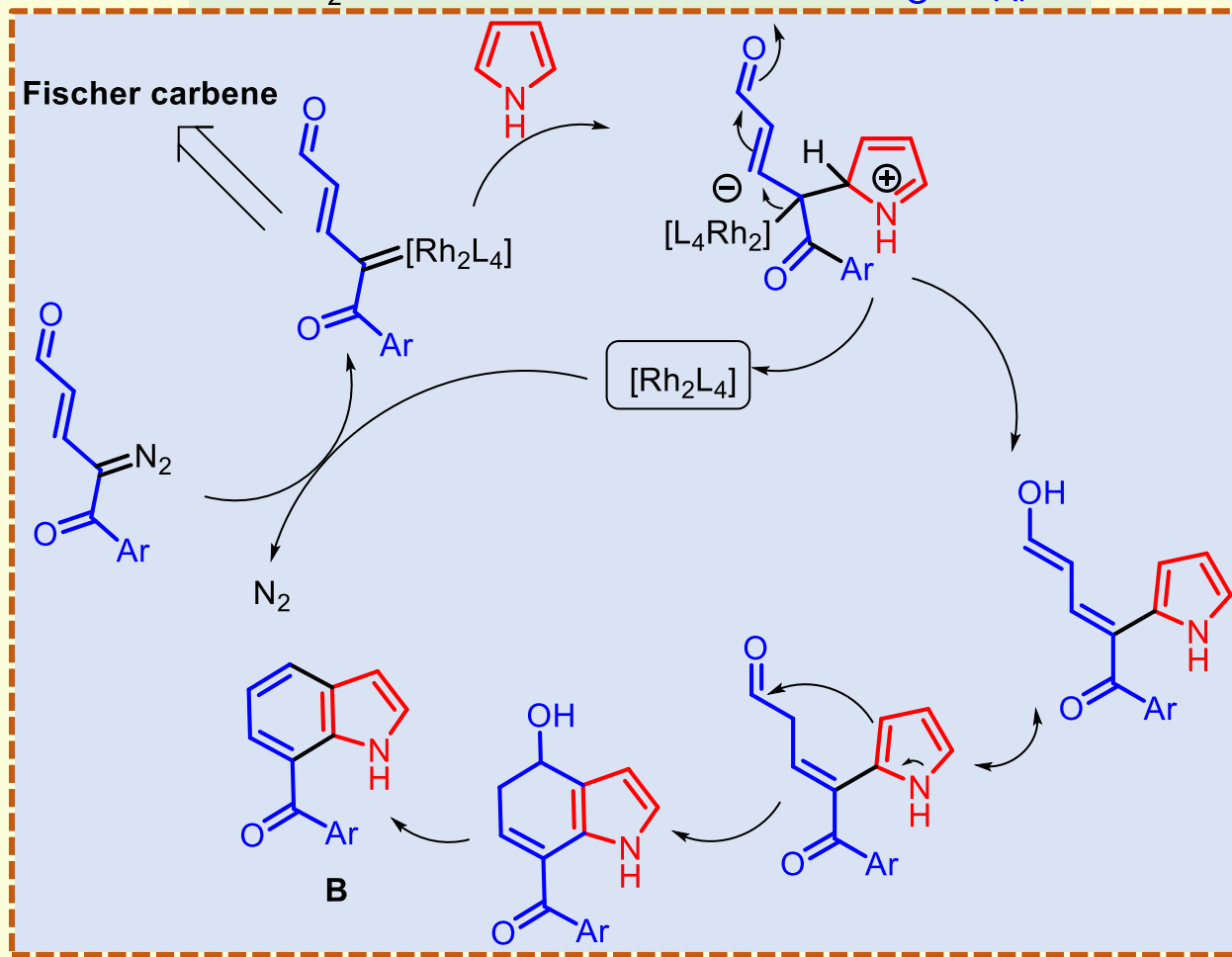
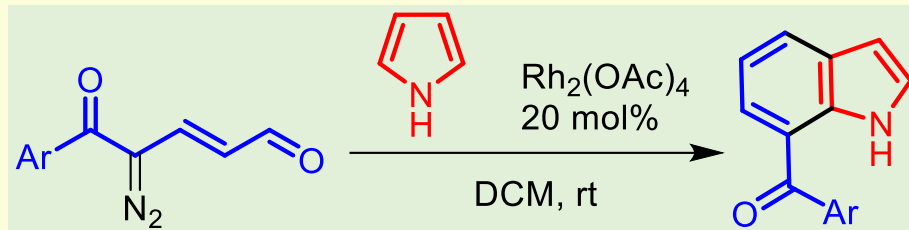
**MSM
Research Group**

Predict the Mechanism and Product

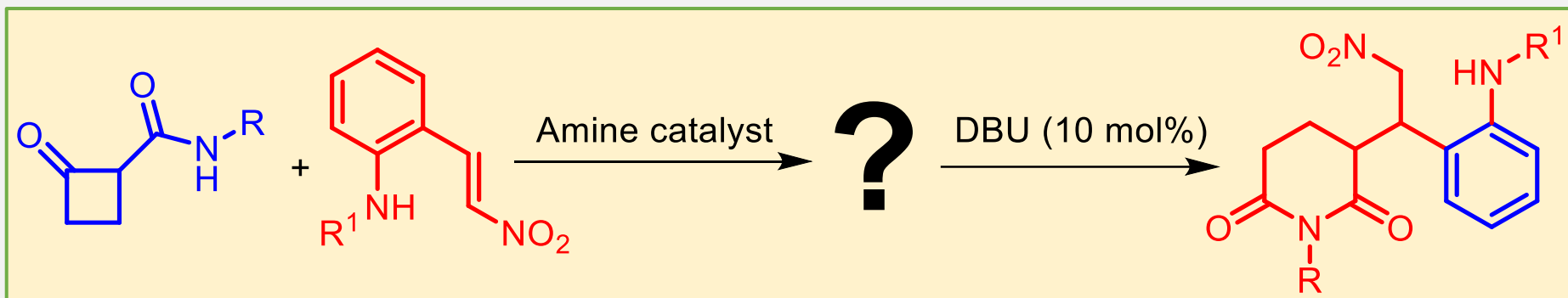


Predict the Mechanism and Product



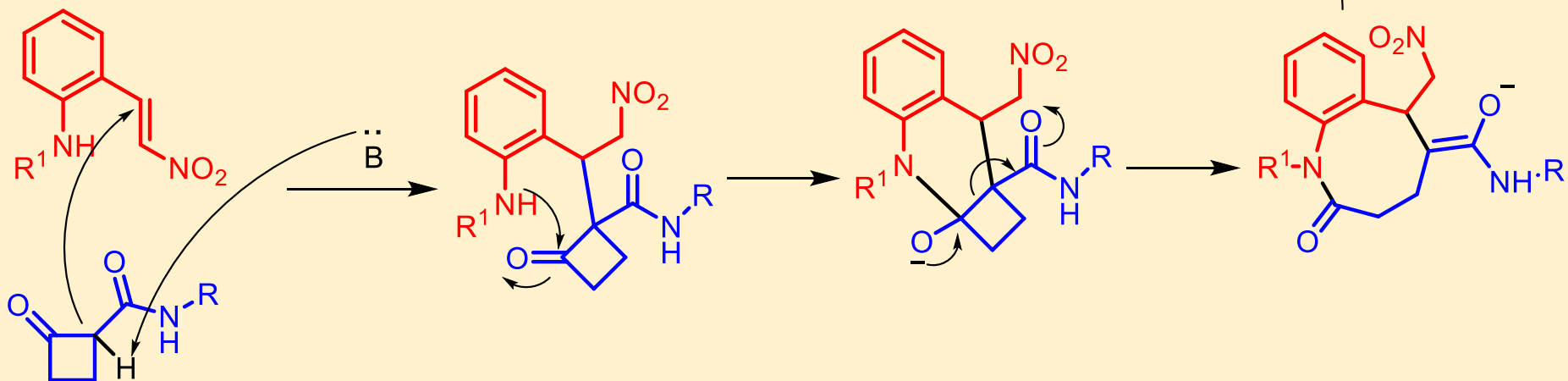
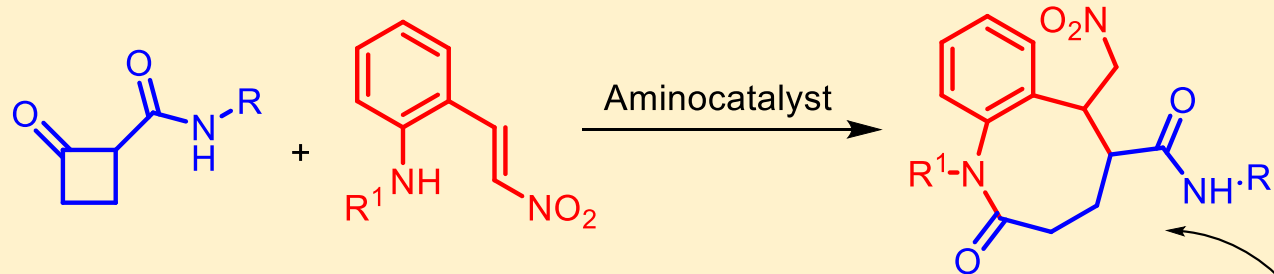


Predict the Mechanism and Product

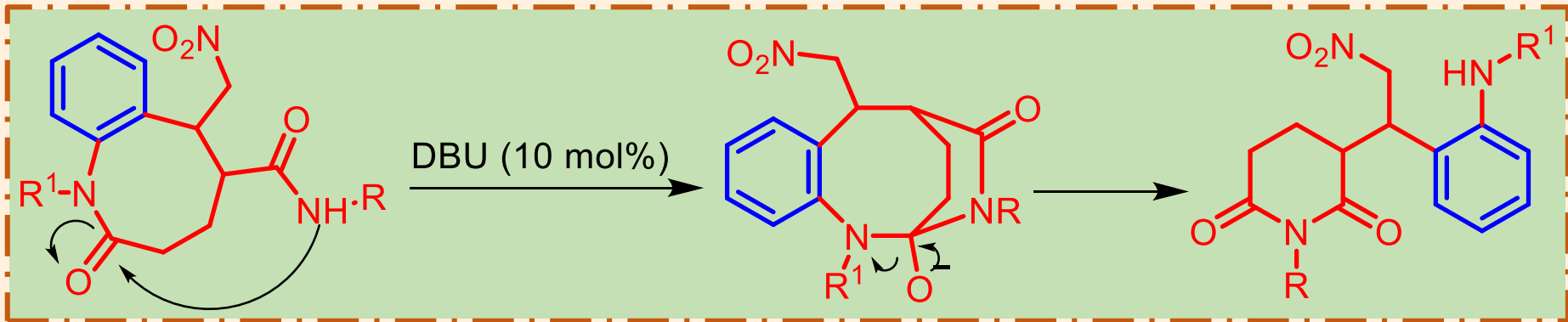


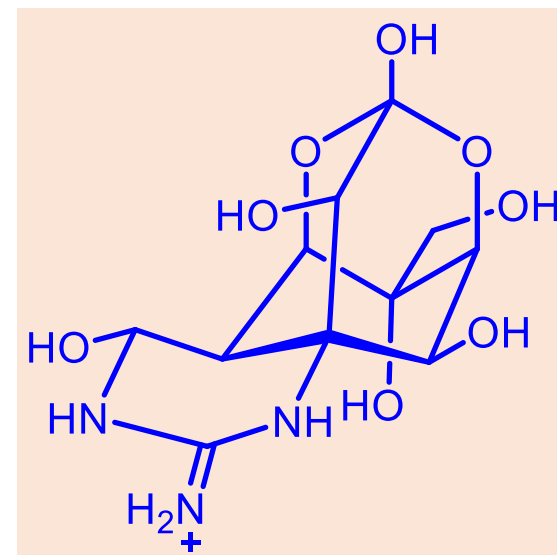
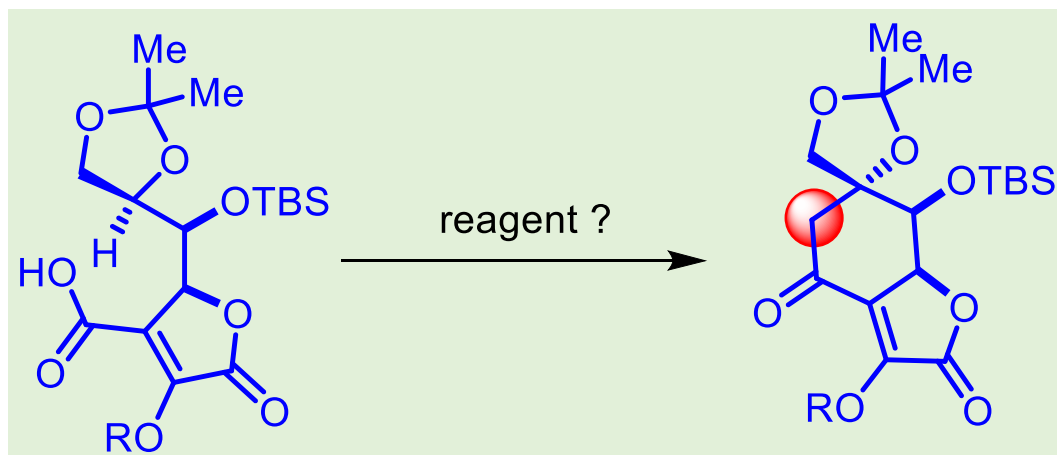
*think aminocatalyst act as a base

Predict the Mechanism and Product

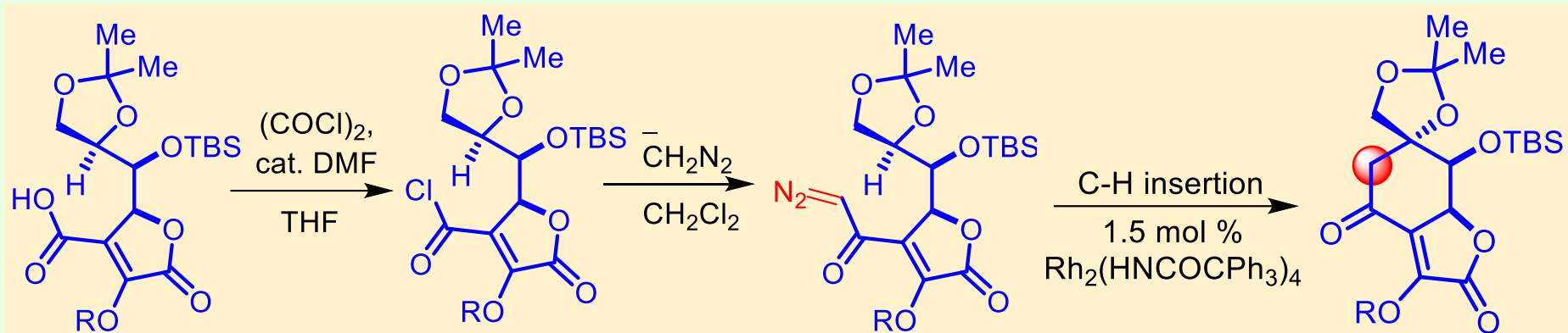


Predict the Mechanism





(-) tetrodotoxin



Carbene

Cyclopropanation

Insertion into
C-H, N-H, O-H bond

can combine
with nucleophile

1,2 shift
(rearrangements)

Predict the Mechanism

