

CONCEPT: HYDROBORATION-OXIDATION

Intermediate: _____

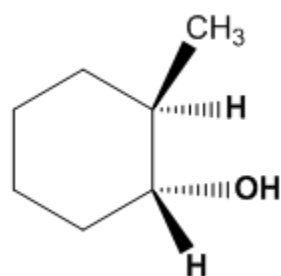
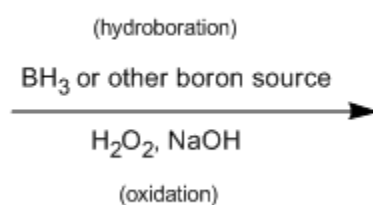
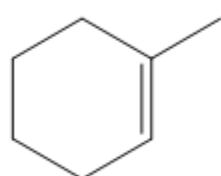
Stereochemistry: _____

Product: _____

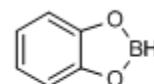
☐ Rearrangements

Mark / **Anti-Mark**
(circle one)

General Reaction:



Other boron reagents:



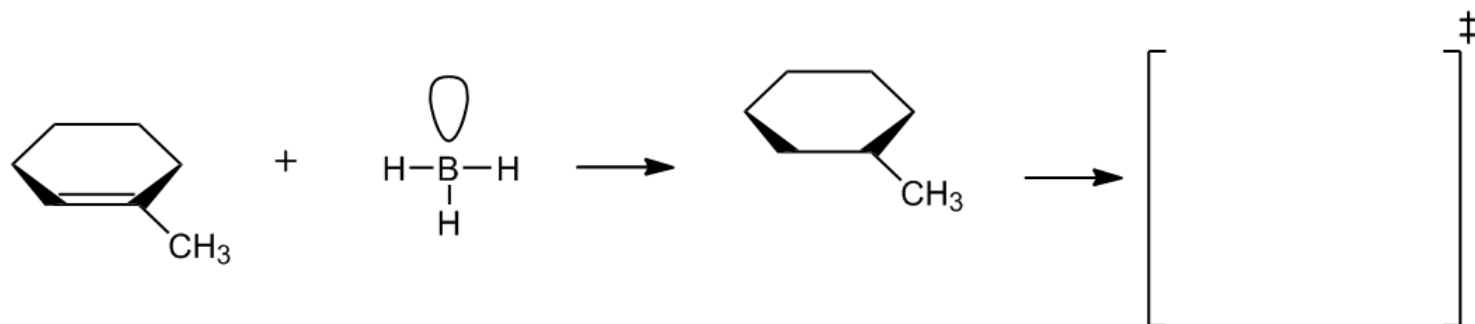
Catechol Borane

• 9-BBN

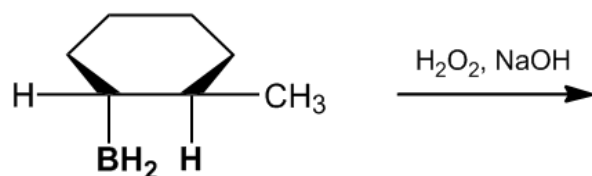
• Any R_2BH

Mechanism:

1. Electrophilic Addition



2. Oxidation



PRACTICE: Provide the mechanism and predict the product of the following reactions.

