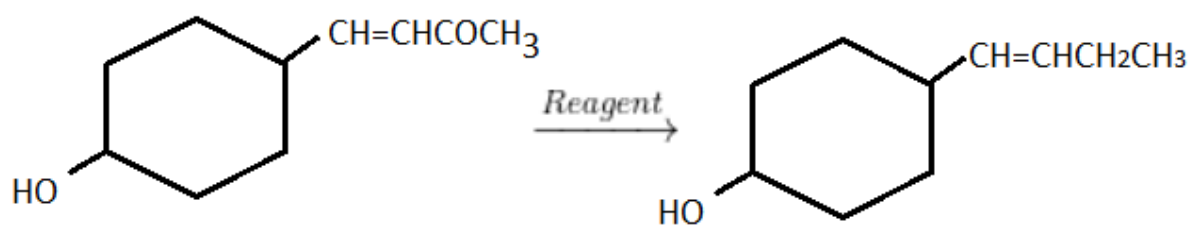


6. In the given transformation, which of the following is the most appropriate reagent?



- (1) NaBH_4
- (2) $\text{NH}_2\text{-NH}_2, \text{OH}$
- (3) Zn - Hg / HCl
- (4) Na, Liq. NH_3

Solution:

In $\text{NH}_2\text{-NH}_2, \text{OH}$, the medium is basic so it will not have any effect on the OH group in the reagent.

Hence option (2) is the answer.