

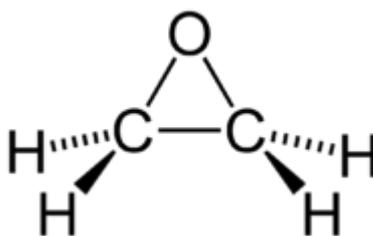
Answer on Question #58257 – Chemistry – Organic Chemistry

Task:

Preparation 1-butanol from oxirane

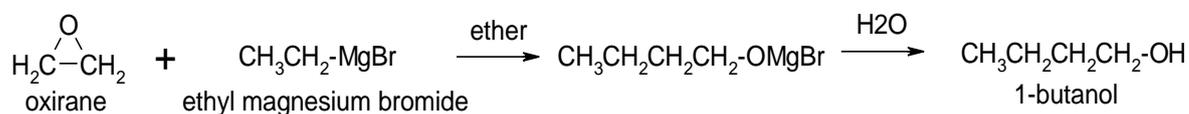
Solution:

Oxirane:



Preparation 1-butanol from oxirane:

1) 1-butanol can be prepared by reacting the oxirane with the organomagnesium compound (Grignard reagent) such as ethylmagnesium bromide.



2) Besides Grignard reagent in a similar pattern to the oxirane join and other organometallic compounds such as ethyl lithium. The end product of this adherence will also 1-butanol.

