



ORGOREVIEW

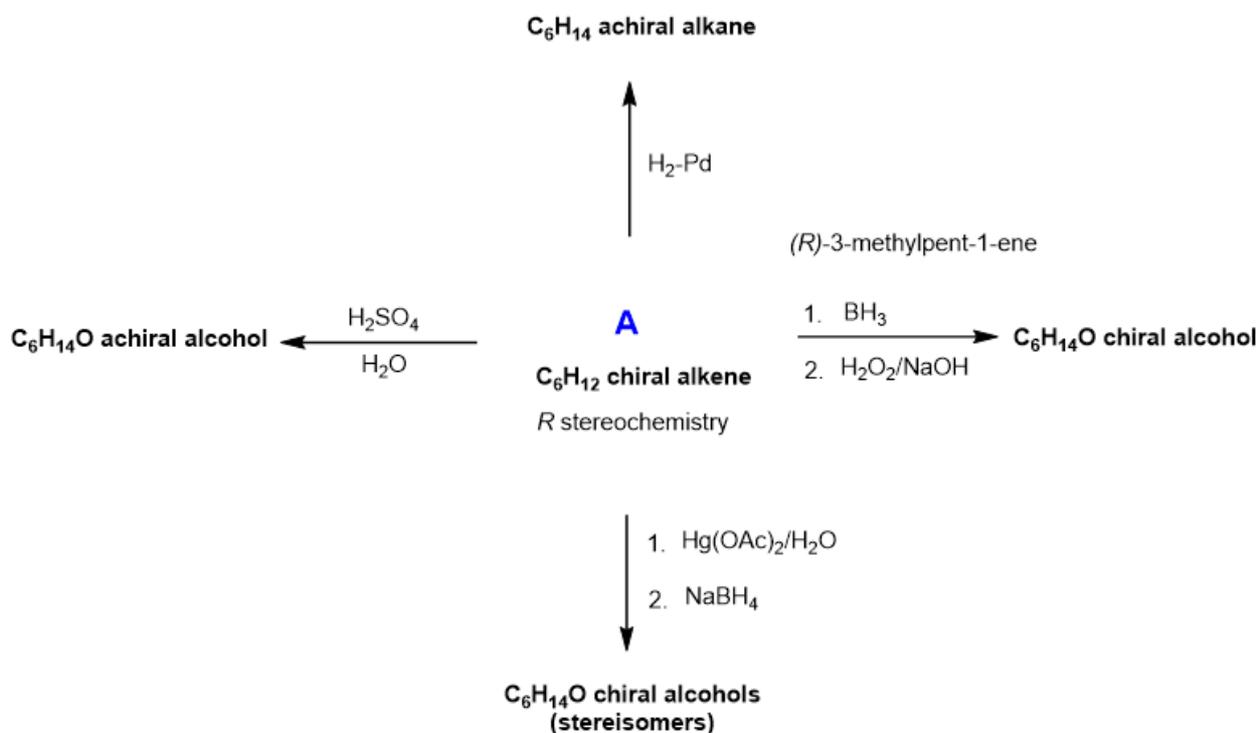
Question Vault

Welcome to orgoreview question vault. We have 5000 more problems for you to solve.

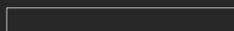
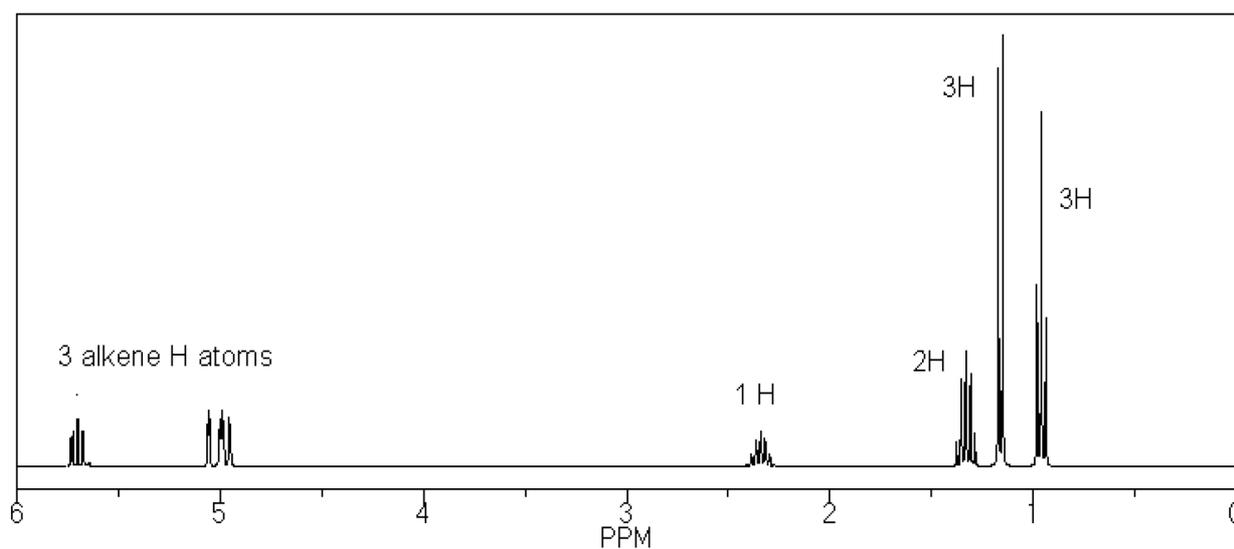
Share

Compound A is a chiral alkene of formula C_6H_{12} . The stereochemistry of A is *R*.

It undergoes hydroboration to give a chiral alcohol B of formula $C_6H_{14}O$. Oxymercuration of A gives a pair of alcohols, C(1) and C(2), that are chiral and stereoisomers of each other. Sulfuric acid catalysed addition of water to A gives a third alcohol D of the same formula, but it is achiral. Finally, palladium catalyzed hydrogenation of A gives an achiral alkane of formula C_6H_{14} .



The NMR of **A** is show below:



How to Reach Us

Todd's Test Prep
2255 Glades Road
Suite 324A
Boca Raton, Florida 33431
E-mail: help@orgoreview.com

Links

[Contact](#)
[Terms](#)
[Privacy Policy](#)

follow us

