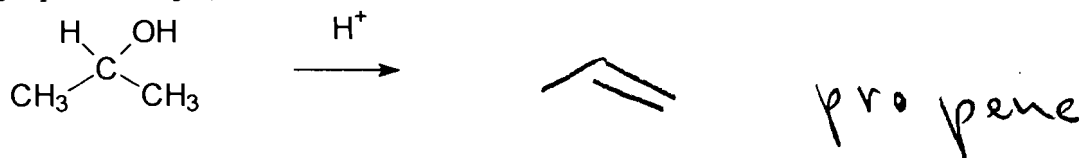


1. Show a name and structural formula for the alkene you obtain when you dehydrate *iso*-propanol! (4 pts)



2. Show valid formulas for phosphoric acid and sulfuric acid (4 pts)



3. Circle all compounds that you expected to be in your distillate during last week's experiment (preparation of cyclohexene from cyclohexanol). (4 pts)

phosphoric acid

water

cyclohexene

cyclohexanol

4. Name the product you will prepare today! (2 pts)

2-chloro-2-methylpropane

5. Is cyclohexanol a chiral compound (does it have an R and an S enantiomer, yes or no)?
1 pt

no!