

Answer on Question #41954, Chemistry, Organic Chemistry

Question

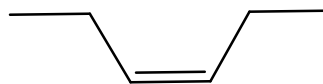
Draw clear formulae to show a pair of geometric isomers and a pair of structural isomers of the alkene of molecular formula C₆H₁₂. Give the correct systematic name of each structure

Answer

Geometric isomers

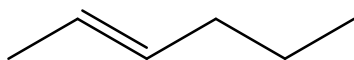


(*E*)-hex-3-ene

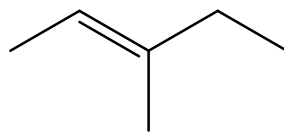


(*Z*)-hex-3-ene

Structural isomers



(*E*)-hex-2-ene



(*E*)-3-methylpent-2-ene