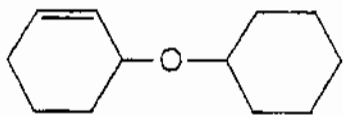


V. Synthesis: 10 Points

From cyclohexane and any inorganic reagents, synthesize the compound below.

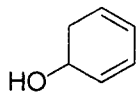


E2 7



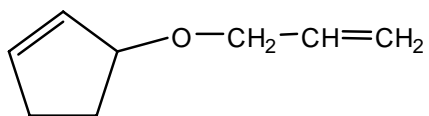
E. SYNTHESIS (12 points)

From cyclohexane and any inorganic reagents, synthesize the compound below.



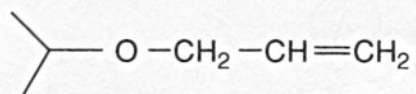
E. Synthesis: (11 points)

Synthesize the molecule below from any alkane or cycloalkane of five carbons or less and any inorganic reagents. (Please do not include mechanisms!)



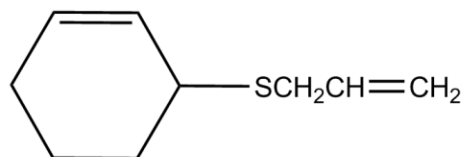
10
E. Synthesis: (11 points)

Synthesize the molecule below from propane and any inorganic reagents. (Please do not include mechanisms!)



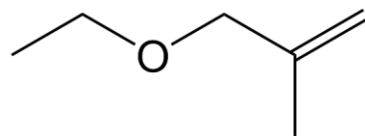
E. Synthesis: (11 points)

Synthesize the molecule below from cyclohexane, propane, any base, and any inorganic reagents. (Please do not include mechanisms!)



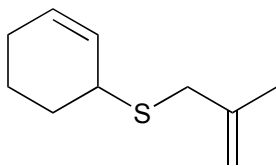
E. Synthesis: (9 points)

Synthesize the molecule below from alkanes of **four carbons or less**, and any inorganic reagents. (Please do not include mechanisms!)



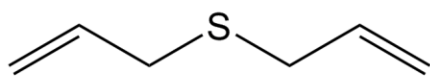
Synthesis

Synthesize the molecule below from cyclohexane, alkanes of four carbons or less, any bases, and any inorganic reagents. (Please do not include mechanisms!) Hint: \ominus SH is inorganic.



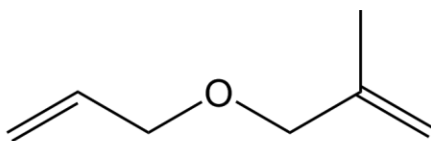
E. Synthesis: (9 points)

Synthesize the molecule below from alkanes of three carbons or less, and any inorganic reagents. (Please do not include mechanisms!)



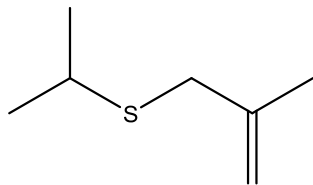
E. Synthesis: (9 points)

Synthesize the molecule below from alkanes of four carbons or less, and any inorganic reagents. (Please do not include mechanisms!)



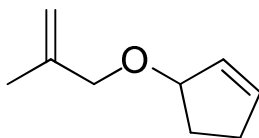
E. Synthesis: 9 points

Synthesize the molecule below from alkanes of four carbons or less and any inorganic reagents. (Please do not include mechanisms!) Hint: NaSH is inorganic.



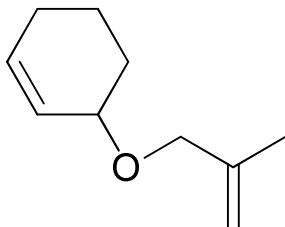
E. Synthesis: (10 Points)

Synthesize the molecule below from cyclopentane, alkanes of **four carbons or less**, and any inorganic reagents. (Please do not include mechanisms!)



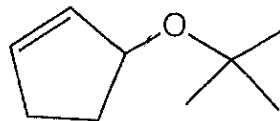
E. Synthesis: (10 Points)

Synthesize the molecule below from cyclohexane, alkanes of **four carbons or less**, and any inorganic reagents. (Please do not include mechanisms!)



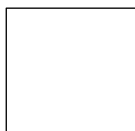
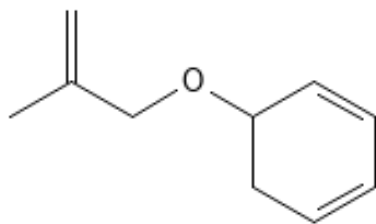
E. Synthesis: (8 points)

Synthesize the molecule below from cyclopentane, alkanes of four carbons or less, and any inorganic reagents. (Please do not include mechanisms!)



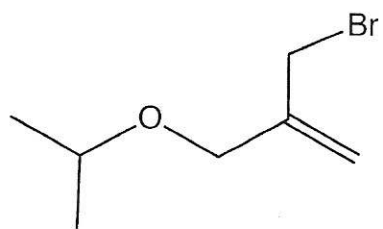
E. Synthesis:

Synthesize the molecule below from cyclohexane, alkanes of **four** carbons or less and any inorganic reagents (Please do not include mechanisms.)



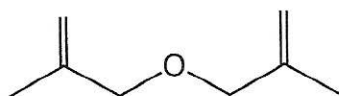
E. Synthesis: (10 points)

Synthesize the molecule below from alkanes of four carbons or less, and any inorganic reagents.
(Please do not include mechanisms!)



E. Synthesis: (9 points)

Synthesize the molecule below from alkanes of **four carbons or less** and any inorganic reagents. (Please do not include mechanisms!)



E. Synthesis: 10 Points

Synthesize the compound below from cyclohexane, alkanes of four carbons or less, and any inorganic reagents. (Please do not include mechanisms.)

