



# ORGOREVIEW

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Two compounds, A and B, with the molecular formula  $C_7H_{13}Br$  are chiral and are diastereomers of each other. Treatment of A and B with  $C_2H_5O^-$  produces two alkenes, C and D, with the molecular formula  $C_7H_{12}$ . Compound C is chiral but D is not chiral. Treatment of both C and D with  $H_2/Pd$  gives the compound methyl cyclohexane.

Give structures for A, B, C and D consistent with this data.

### How to Reach Us

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