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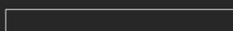


Compound A (C_5H_8O) is not chiral and has an infrared absorption at 1704 cm^{-1} . Compound A reacts with methyl lithium to give a racemic mixture of two chiral compounds. Hydrogenation of the racemic mixture gives compound B ($C_6H_{14}O$) which, like compound A is not chiral.

Give the structures of A and B.



VIDEO SOLUTION



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