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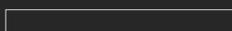
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Draw structures for compounds B and C based upon the following data.

- (a) Compounds B and C are achiral compounds with no chirality centers that are constitutional isomers with the formula C_6H_{10} .
- (b) Compound B reacts with ozone to give a single dialdehyde with the formula $C_6H_{10}O_2$, which shows 3 peaks in its ^{13}C NMR spectrum.
- (c) Compound C reacts with ozone to give two compounds with the formulas CH_2O and C_5H_8
- (d) Compound B reacts with Br_2 and H_2O to give a racemic mixture of two enantiomeric products.
- (e) Compound C reacts with Br_2 and H_2O to give an achiral compound.

VIDEO SOLUTION



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