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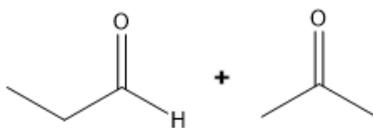
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Propose structures for compounds A-C from the following information.

- (a) Compound A has the molecular formula $C_6H_{13}Br$ and is optically active.
- (b) Compound A reacts with strong base to give optically inactive alkene B (C_6H_{12}).
- (c) Compound B reacts with H-Br to give compound C that is optically inactive and cannot be resolved into enantiomers.
- (d) Treatment of B with O_3 followed by $Zn/HOAc$ gave the following products:



VIDEO SOLUTION



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