



# ORGOREVIEW

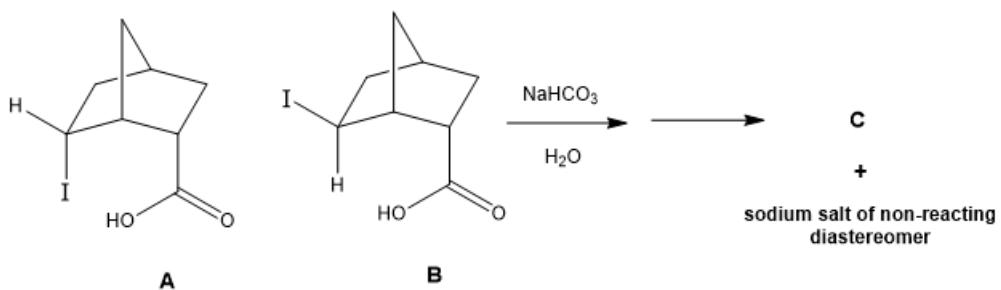
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A bottle of iodo-norbornane carboxylic acid contains a mixture of two diastereomers, **A** and **B**. You make the sodium salts of the carboxylic acids and only one of the isomers reacts to form a new compound, **C**. The other isomer does not react and remains the sodium salt.



- Draw the structure of compound **C**.
- Is **C** the product of **A** or **B**?
- Provide a one to two sentence mechanistic explanation for why one of the carboxylates reacts to form a new compound and the other does not.

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