Trinorbornane

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It is a polycyclic molecule, which means it has several rings of carbon atoms. Their process for making this 11 carbon-structure has a 9% yield.

They made it as a racemic mixture, meaning it contains both mirror images of the molecule. Their next goal is to make an enantiomerically pure sample.

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Read the full article at rsc.li/2jaMrNZ, published 13 December 2017

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1. Suppose that the synthesis occurs in two steps, one with 9% yield, the other with 7.5% yield. What is the overall yield?
2. How many hydrogen atoms are in this molecule, and, therefore, what is its chemical formula?
3. Why are enantiomers significant in biochemistry and medicinal chemistry?