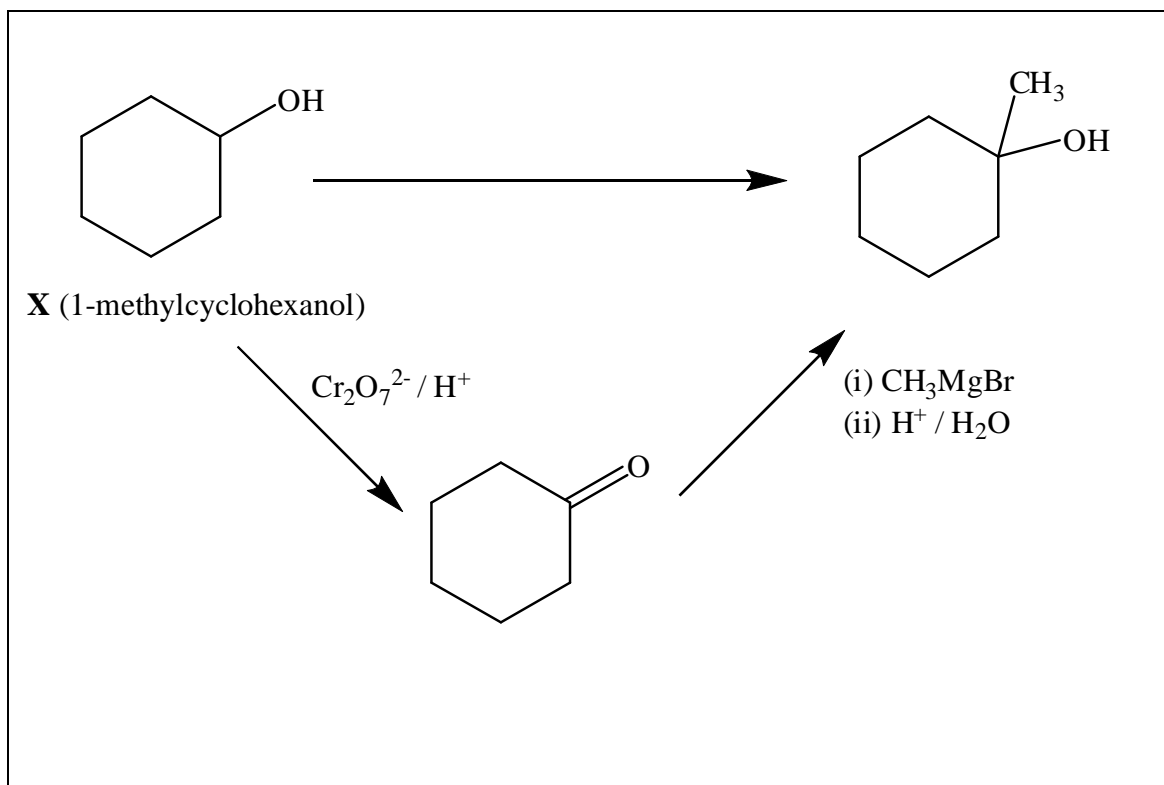


Marks
4

- Devise a synthesis of the product **Y**, starting from compound **X**. Note that more than one step may be required and you should indicate all necessary steps and the constitutional formulas of any intermediate compounds.



What is the systematic name for compound **Y**?

1-methylcyclohexanol