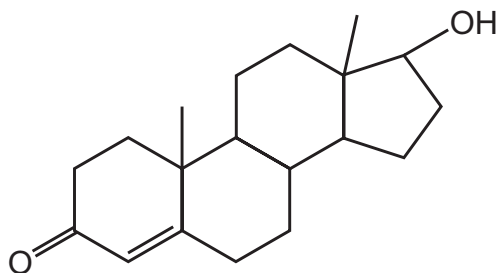


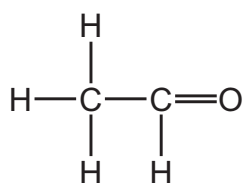
28 The diagram shows the skeletal formula of the hormone testosterone.



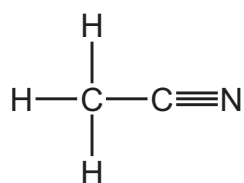
What is the molecular formula of testosterone?

- A** $C_{19}H_{28}O_2$ **B** $C_{17}H_{22}O_2$ **C** $C_{17}H_{24}O_2$ **D** $C_{19}H_{26}O_2$

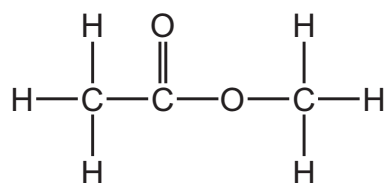
37 The structures of three organic compounds are shown.



1



2



3

Which compounds produce ethanoic acid when heated with HCl(aq) ?

- A** 1, 2 and 3 **B** 1 and 2 only **C** 1 and 3 only **D** 2 and 3 only