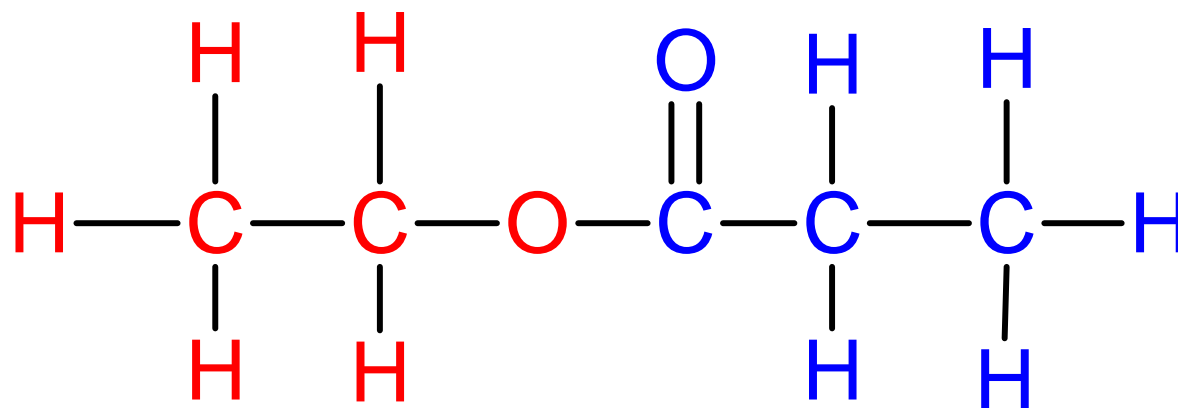


Naming Esters

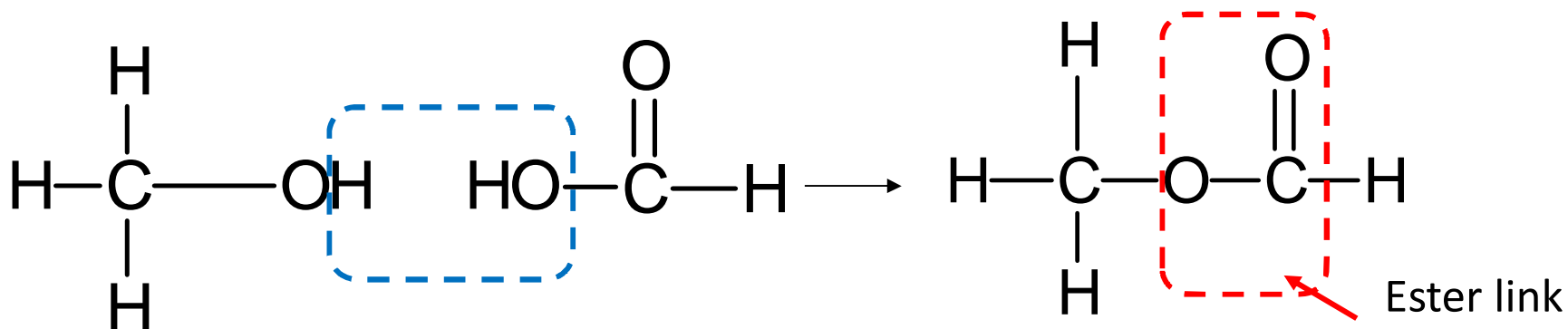
The name of the ester is made up of two parts the alcohol (___yl) part and the carboxylic acid (___anoate) part.



ethyl propanoate

made by reacting ethanol with propanoic acid

Naming Esters



methanol + methanoic acid \rightarrow methyl + water
methanoate

Studies have revealed that the **oxygen atom** in the main chain of the ester always **comes from the alcohol**.

Practice Question



Name the esters that the following alkanols and alkanolic acids would produce.

- | | |
|------------------------------|--------------------------|
| 1. Propanol & Ethanoic acid | <i>Propyl ethanoate</i> |
| 2. Butanol & Pentanoic acid | <i>Butyl pentanoate</i> |
| 3. Propanoic acid & Methanol | <i>Methyl propanoate</i> |
| 4. Methanoic acid & Pentanol | <i>Pentyl methanoate</i> |
| 5. Butanol & Butanoic acid | <i>Butyl butanoate</i> |
| 6. Octanol & Octanoic acid | <i>Octyl octanoate</i> |
| 7. Ethanoic acid & Heptanol | <i>Heptyl ethanoate</i> |