

C3 – Organic Chemistry

1. What is the general formula for all alcohols?
2. What is the formula of the functional group for alcohols?
3. What are alcohols used for?
4. What is produced when alcohols are combusted?
5. What are alcohols oxidised to?
6. What is formed when carboxylic acids are added to water?
7. What is the formula of the functional group for carboxylic acids?
8. What is the formula of the functional group for esters?
9. What is a homologous series?
10. What are the properties of esters?
11. What are esters used for?
12. What is ethanoic acid used for?

13. Which alcohol is used to make propyl ethanoate?
14. What acid is used to make the ester ethyl butanoate?
15. Which oxidising agent is used to oxidise alcohols?
16. What is the catalyst used in the reaction between alcohols and carboxylic acids?
17. What is the pH when ethanol is added to water?
18. How do you test for carboxylic acids?
19. Why are carboxylic acids weak acids?
20. What are the health problems caused by alcohol?
21. Why are alcoholic drinks taxed?
22. How do you turn esters into biofuels?