

Carboxylic Acids

Carboxylic Acids Information: Highlight key words in the text below

Carboxylic acids are a group of organic compounds that contain the **carboxyl functional group (-COOH)**. They are weak acids that can donate hydrogen ions when dissolved in water. Carboxylic acids are found in many everyday substances, such as vinegar, which contains ethanoic acid. They can react with metals, bases and carbonates to form salts, water and sometimes carbon dioxide.

Answer the questions below

What functional group do carboxylic acids contain?

What is a common example of a carboxylic acid found in everyday life?

What gas is produced when a carboxylic acid reacts with a carbonate?

Annotate the diagram below to explain the properties of carboxylic acids

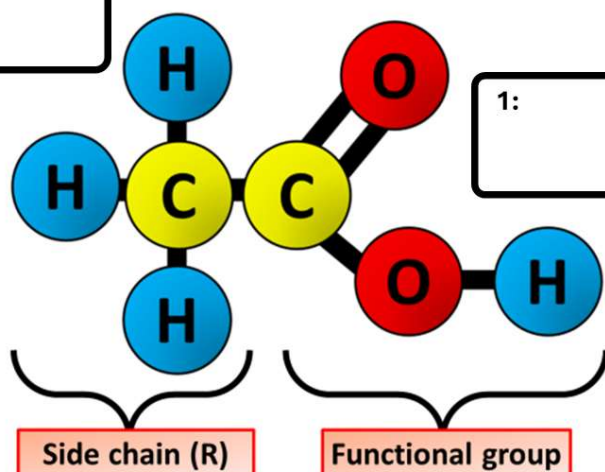
Carboxylic Acid

3:

2:

1:

5:



6:

4:

Key questions

What functional group do carboxylic acids contain?

What is the general formula of carboxylic acids?

Are carboxylic acids strong or weak acids?

What type of compound is formed when carboxylic acids react with alcohols?

What gas is produced when carboxylic acids react with metals?

What is a common example of a carboxylic acid found in vinegar?

Short
Answers



Summary
video



Diagram
walkthru

