

# OCR (B) Chemistry A-Level

## DF6 - Organic Functional Groups

### Flashcards

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# What is an aromatic hydrocarbon?



# What is an aromatic hydrocarbon?

An aromatic hydrocarbon is a hydrocarbon that contains a benzene (or other aromatic) ring.



# What is an aliphatic hydrocarbon?



# What is an aliphatic hydrocarbon?

A hydrocarbon that does not contain any aromatic rings and is a straight or branched chain hydrocarbon.



# What is a saturated hydrocarbon?





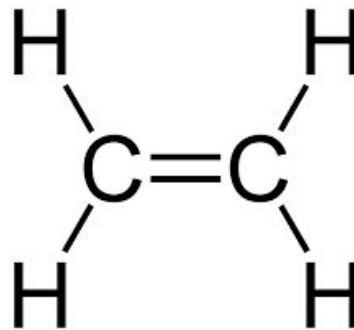
# What is an unsaturated hydrocarbon?





# What is an unsaturated hydrocarbon?

An unsaturated hydrocarbon contains one or more double carbon-carbon bonds.



# What is a homologous series?



## What is a homologous series?

A group of hydrocarbons with the same functional group and thus the same general formula (each successive member differs by  $\text{CH}_2$ ).



# What is a functional group?



# What is a functional group?

A functional group is a group of atoms on a carbon chain that gives the molecule its properties.

