

# CAIE Chemistry A-level

## 36: Organic Synthesis

(A-level only)

Definitions

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## Definitions and Concepts for CAIE Chemistry A-level Organic Synthesis

**By-product:** A compound which is produced along with the desired product.

**Functional group:** An atom/group of atoms responsible for the characteristic reactions of a compound.

**Organic compound:** A carbon-containing compound.

**Synthesis:** The process of combining different elements and compounds to build new molecules.

**Synthesis maps:** Provide a good summary of reactions in organic chemistry and show how multistep reactions can be used to get from one compound to another.

