

OCR (B) Chemistry A-Level DF7 - Organic Reactions

Flashcards

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What is the difference between complete and incomplete combustion?











What is the difference between complete and incomplete combustion?

Incomplete combustion occurs when there is not enough oxygen present, it produces carbon monoxide and soot (carbon).









Complete the following complete combustion reaction:

$$CH_4 + 2O_2 \rightarrow$$











Complete the following complete combustion reaction:

$$CH_4 + 2O_2 \rightarrow CO_2 + 2H_2O$$









Balance the following incomplete combustion reactions:

$$C_3H_8 + _O_2 \rightarrow 3C + 4H_2O$$

$$C_3H_8 + _O_2 \rightarrow 3CO + 4H_2O$$











Balance the following incomplete combustion reactions:

$$C_3H_8 + 2O_2 \rightarrow 3C + 4H_2O$$

$$C_3H_8 + \frac{7}{2}O_2 \rightarrow 3CO + 4H_2O$$



































































Complete the following reaction with the conditions required:

$$H = H + H_2O = \Rightarrow$$







Complete the following reaction with the conditions required:





