

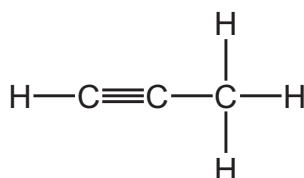
25 Two statements about a molecule of methanal are given.

- 1 It is planar.
- 2 It contains three σ bonds.

Which statements are correct?

- A** both 1 and 2
- B** 1 only
- C** 2 only
- D** neither 1 nor 2

6 The diagram shows the bonding in a molecule of propyne.



Which types of hybridisation are shown by the carbon atoms in propyne?

- A** sp , sp^2 and sp^3
- B** sp and sp^3 only
- C** sp^2 and sp^3 only
- D** sp^2 only