An unsymmetrical alkyne is an alkyne in whose molecule the triply bonded carbons bear different ligands.

**eg:**

```
H—C≡C—CH₃                      CH₃—C≡C—\text{shape}
```

In an organic molecule, a carbon-carbon triple bond of which the carbon atoms bear different ligands is called an unsymmetrical triple bond.

**eg:**

```
H—C≡C—CH₃                      CH₃—C≡C—\text{shape}
```

see also [symmetrical alkyne](#)

---

**Contributors**

- Gamini Gunawardena from the [OChemPal site](#) (Utah Valley University)