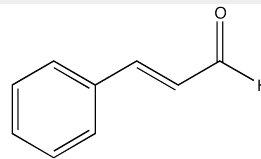


Identification

C₉H₈O
M = 132,16 g/mol
CAS [104-55-2]
EC number: 203-213-9
Taric code: 2912 29 00

**Synonyms**

trans-Cinnamic aldehyde, trans-3-Phenyl-2-propenal

Applications

analytical chemistry, perfumery, in food industry, synthesis of organic products.

Specifications

assay (G.C.).....min. 98 %
identity (IR-spectrum).....passes test

density (20°/4°).....1,048 - 1,051
residue on ignition.....max. 0,01 %

Physical data

- Density: 1,05 g/cm³
- Solub. in water: (20 °C): 1,1 g/l
- Melting point: -8 °C
- Boiling point: (21 hPa) 127 °C
- Flash point: 138 °C
- Vapour pressure: (20 °C) < 0,1 hPa
- Refraction index: (n 20 °C/D) 1,6219

Safety - GHS

Signal Word: Warning

Hazard Statements:

H312: Harmful in contact with skin.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.

**Precautionary Statements:**

P261: Avoid breathing dust / fume / gas / mist / vapours / spray.
P280: Wear protective gloves / protective clothing / eye protection / face protection.
P321: Specific treatment (see on this label).
P312: Call a POISON CENTER or doctor / physician if you feel unwell.
P333+P313: If skin irritation or rash occurs: Get medical advice / attention.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- 10°C - 30°C