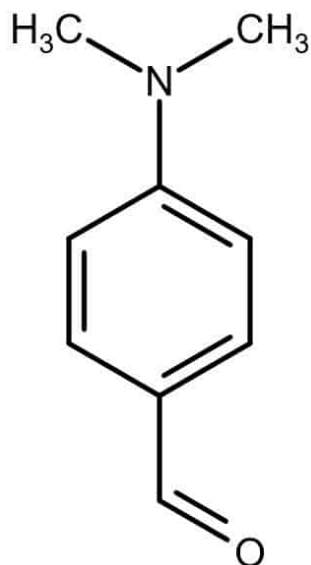




h1>4-dimethylaminobenzaldehyde 99% AR
[100-10-7]



CAS number: **100-10-7**

Summary formula: **C₉H₁₁NO**

Molar mass: **149.19 g / mol**

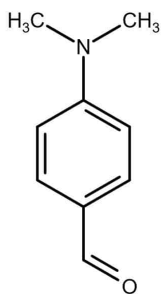
Synonyms: **Dimethylamino benzaldehyde**

Translation [ENG]: **4- (Dimethylamino) benzaldehyde**

Application: **4-dimethylaminobenzaldehyde is a reagent that is used to detect indole and identify positive and indole negative microorganisms. Applications create colored condensation products (Schiff bases) with pyrroles 1 and primary amines 2.**

VARIATIONS

Image

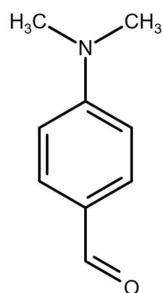


Price

£1.253,96 gross | £1.019,48 netto

Pack size

10 kg

**Image****Price**

£3.039,81 gross | £2.471,39 netto

Pack size

25 kg

PRODUCT DESCRIPTION

4-dimethylaminobenzaldehyde 99% AR [100-10-7]

4-dimethylaminobenzaldehyde is a reagent that is used to detect indole and identify positive and indole negative microorganisms. Uses creates colored condensation products (Schiff bases) with pyrroles 1 and primary amines 2. Uses 4- (dimethylamino) benzaldehyde in the Ehrlich reagent for spectrophotometric determination of hydrazine in the reaction to form azo dyes. 4- (dimethylamino) benzaldehyde is used to determine urinary bilirubin and porphobilinogen. Used as a derivatizing agent.

Melting point: 72-75C (lit.)

Boiling point: 176-177C (17 mmHg)

Density: 1.10 g / ml at 20C

Vapor pressure: <0.1 hPa (20C)

Refractive index: n₂₀ / D_{1,417}

Fp: 164C

Storage temperature: 2-8C

solubility: alcohol: positive test (APHA≤60)

pka: pK₁: 1.647 (+1) (25C)

form: liquid

Color: white to pale yellow

Odor: characteristic odor

Solubility in water: 0.3g / L (20C)

Sensitive: Sensitive to air

Merck: 14,3230

Hazard pictograms

Labeling of hazardous chemicals and mixtures that are part of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The pictograms recommended by GHS have the shape of a square set on the top. They should contain a black symbol on a white background with a red border.

Priority rules to be observed in connection with the labeling of a substance:

- the skull and crossbones, the exclamation mark pictogram should not be added.
- corrosive effect, the exclamation mark pictogram should not be added if it concerns eye or skin irritation.
- health hazard determining respiratory sensitization, the exclamation mark pictogram should not be added if it concerns skin sensitization or irritation to eyes or skin.

Source: [GHS pictograms](#)