

A11712 4-Dimethylaminobenzaldehyde, 98%

CAS Number

100-10-7

Synonyms

Ehrlich's Reagent

SDS

Certificate of Analysis

Product Specification

Technical Inquiry

Stock No.	Size	Price (€)	Quantity	Availability
A11712.36	500g		<input type="text"/>	

Product Overview

Health & Safety

Documentation

4-Dimethylaminobenzaldehyde, 98%

MDL

MFCD00003381

EINECS

202-819-0

Chemical Properties

Formula

C₉H₁₁NO

Formula Weight

149.19

Melting point

73-75°

Boiling Point

176-177°/17mm

Flash Point

164°(327°F)

Storage & Sensitivity

Air Sensitive. Light Sensitive. Store under Argon. Ambient temperatures.

Solubility

Soluble in alcohol, ether, chloroform, acetic acid. Insoluble in water.

Applications

4-Dimethylaminobenzaldehyde is used to prepare colorful Schiff base adducts with amines, pyrroles and indoles. It is often used in the Ehrlich reaction, test for the presence of indoles in a sample containing alkaloids and determination of hydrazine.

Notes

Light sensitive. Stable at room temperature.

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GHS Hazard and Precautionary Statements

Hazard Statements: H302-H412

Harmful if swallowed. Harmful to aquatic life with long lasting effects.

Precautionary Statements: P273-P301+P312

Avoid release to the environment. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.



Other References

Merck

14,3230

Beilstein

606802

Harmonized Tariff Code

2922.39

TSCA

Yes

RTECS

CU5775000