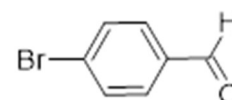




Technical data sheet

Product name: 4-Bromobenzaldehyde



Specifications

Parameters	Specifications	Typical results
Appearance	Off white-to-white Powder	White Powder
Water Content by KF (% W/W)	NLT 0.5%	0.2%
Chromatography purity by GC (% area)	NLT: 98%	99.84%
Melting Point	56-60°C	57°C
Solubility	Soluble in Methanol	Complies

Stability and storage:

Store in tightly sealed containers to prevent exposure to air and moisture.

General storage is recommended at room temperature.

Protect from direct sunlight or strong light, as it can lead to degradation.

Minimize dust exposure to prevent contamination.

Application Areas

Applications:

It is used as an intermediate in the synthesis of agrochemicals.

It's used in the synthesis of various pharmaceutical compounds, including potential anticonvulsants and antibacterial agents.

It can be used as a reactant in reactions like Mizoroki-Heck and Suzuki-Wittig, leading to the synthesis of various organic products

It's used in the preparation of Schiff's bases for enhancing the photo stability of polyvinyl chloride (PVC)

4-Bromobenzaldehyde can react with terminal alkynoates in the presence of a catalyst to synthesize vinyl esters

General information

CAS No.	: 1122-91-4
IUPAC Name	: 4-Bromobenzaldehyde
Synonyms	: <i>p</i> -Bromobenzaldehyde
EC No	: 214-365-0

Physical/Chemical properties

Molecular Formula	: C ₇ H ₅ BrO
Molecular Weight	: 185.020
Physical state at 20°C	: Solid
Flash Point	: 109 °C
Density	: 1.85 g/cm ³

Hazard classification & labelling

Single Word	: Danger
Pictogram	:



Classification according to Regulation (EC) No 1272/2008:	:H302, H315, H319, H334, H335
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Precautionary statement(s)	:P233, P260, P261, P264, P264+P265, P270, P271, P280, P284, P301+P317, P302+P352, P304+P340, P305+P351+P338, P319, P321, P330, P332+P317, P337+P317, P342+P316, P362+P364, P403, P403+P233, P405, P501
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