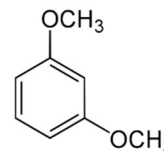




TECHNICAL DATA SHEET

Product name: 1,3-Dimethoxybenzene



Specifications

Parameters	Specifications	Typical results
Appearance	Colourless to Pale Yellow Coloured Liquid	Clear Colourless Liquid
Solubility	Miscible With Dichloromethane	Complies
Water content (By K.F)	NMT: 0.50%	0.15%
Purity by GC	NLT 96%	99.52%
Specific gravity at 25°C	1.05 to 1.07	1.066

Stability and storage:

Stable under normal conditions.

Avoid incompatible products. Keep away from open flames, hot surfaces and sources of ignition. Incompatible with Oxidizing agent Keep away from heat/sparks/open flames/hot surfaces. Store in a well-ventilated place. Keep cool

Application Areas:

It is used as a flavouring agent in the food industry.

It is used in the synthesis of novel oxathiane spiroketal donors It's an important initiator in the synthesis of polymers and resins with specific properties.

It is used in homogeneous gold catalysis, particularly in the context of reclaiming gold from electronic waste.

1,3-Dimethoxybenzene is used as a solvent and extractant in various organic syntheses and chromatographic analyses.

1,3-Dimethoxybenzene can be used as a starting material for the synthesis of other aromatic compounds due to its relatively electron-rich nature and ability to undergo electrophilic substitution. It serves as an initiator in the synthesis of polymers and resins with specific properties.


General information

CAS No. : 151-10-0
IUPAC Name : 1,3-Dimethoxybenzene
Synonyms : Resorcinol dimethyl ether
EC No : 205-783-4

Physical/Chemical properties:

Molecular Formula : C8H10O2
Molecular weight : 138.166
Boiling point : 217 °C
Flash Point : 87°C
Refractive index : n₂₀/D 1.524(lit.)
Physical state at 20°C : Liquid
Density : 1.055 g/cm³

Hazard classification & labelling:

Single Word : warning
Pictogram : 
Classification according to Regulation (EC) No 1272/2008: H300 + H330 - H311

Precautionary statement(s) : P260 - P264 - P270 - P280 - P302 + P352 + P312 - P304 + P340 + P310