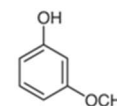




Technical data sheet

Product name: 3-Methoxy Phenol



Specifications

Parameters	Specifications	Typical results
Description	Colorless to pale Brown to pale yellow liquid	Clear Pale Brown Liquid
Solubility	Soluble in DCM	Complies
Boiling Point	240-246 °C	244.4 °C
Purity (by GC)	NLT-98.0 %	99.1 %
Moisture content (By KF)	NMT 0.5%	0.21%

Stability and storage

3-Methoxyphenol can degrade when exposed to light, potentially leading to discoloration. It can be oxidized, particularly in the presence of air or other oxidizing agents, which can also cause discoloration.

It should be stored in a cool, dark, and dry place, preferably under an inert gas like nitrogen, and in tightly sealed containers, away from heat, hot surfaces, sparks, open flames, and other ignition sources.

Avoid contact with bases, acid chlorides, and acid anhydrides, as these can react with 3-methoxyphenol.

Application Areas

Applications:

3-Methoxyphenol is an intermediate used in the synthesis of various APIs, including Cefotiam, Candesartan, Cefpodoxime, and potentially others.

It is used as a flavour component in food and beverages. It also can be used as a food additive.

It can be used as a standard in analytical chemistry for quantitative analysis of other compounds. It's a valuable reagent in research and development of new chemical processes and materials.

It's also used in the preparation of 2-nitroso-5-methoxyphenol and 6-methoxy-2(3H)-benzoxazolone, which may have applications in medicinal chemistry.

General information

CAS No. : 150-19-6
 IUPAC Name : 3-methoxyphenol
 Synonyms : 3 hydroxyanisole
 m-guaiacol
 EC No : 205-754-6

Physical/Chemical properties

Molecular Formula : C7H8O2
 Molecular weight : 124.14
 Flash Point : 112 °C
 Density : 1.131
 Physical state at 20°C : Liquid

Hazard classification & labelling

Single Word : Danger

Pictogram:



Classification according to Regulation (EC) No 1272/2008: : H302, H311, H315, H318, H332, H335

Precautionary statement(s) : P261, P262, P264, P264+P265, P270, P271, P280, P301+P317, P302+P352, P304+P340, P305+P354+P338, P316, P317, P319, P321, P330, P332+P317, P361+P364, P362+P364, P403+P233, P405, P501