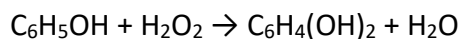


CATECHOL

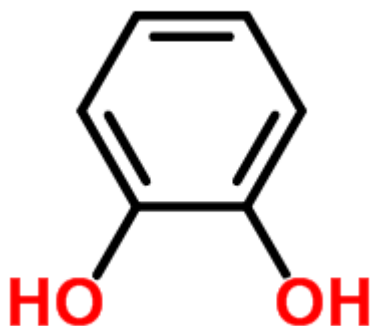
Introduction

Catechol, also known as pyrocatechol or 1,2-dihydroxybenzene, is an organic compound with the molecular formula $C_6H_4(OH)_2$. It is the ortho isomer of the three isomeric benzenediols. Catechol is available as flakes and 85% solution in solvents.

Catechol is produced industrially by the hydroxylation of phenol using hydrogen peroxide.



Chemical Identity



Chemical Name: Benzene-1,2-diol

Synonym : Pyrocatechol
1,2-Benzenediol
2-Hydroxyphenol
1,2-Dihydroxybenzene
o-Benzenediol
o-Dihydroxybenzene

CAS No. : 120-80-9

EEC No. : 204-427-5

Molecular Formula: $C_6H_6O_2$

Molecular Weight: 110.11g/mol

Physical & Chemical Properties

Appearance : Off white flakes

Purity by GLC : Min.99.0%

Phenol : 0.5% Max.

Water : 0.2% Max.

Hydroquinone: 2000ppm Max.

Uses & Applications

- Production of pesticides.
- Precursor to fine chemicals such as Perfumes(Piperonal, Sandalwood oil) and Pharmaceuticals.
- Flavors and Fragrances (Vanillin , Ethyl Vanillin)
- Black-and-White photographic developer
- Catechol derivatives:
 - Decoquinatate, proquinolate, cyproquinatate & Buquinolate
 - Azaloxan & Idazoxan.
 - Guanoxan
 - Piperoxan & Spiroxatrine
 - Eltoprazine
 - Oxprenolol & Pargolol.

Packaging & Shelf Life

25 Kg Paper Kraft Bags

The product has a shelf life of one year from its manufacturing date, when properly stored in its original package. Keep the product away from direct sunlight and oxidizing products, in a covered warehouse.