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Technical Data Sheet

4-tert-Butylcatechol

Product Information

Chemical Name 4-tert-Butylcatechol

CAS # 98-29-3

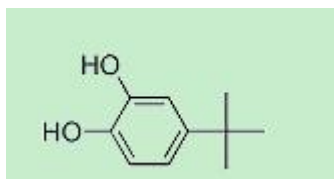
Formula C₁₀H₁₄O₂

Molecular Weight 166.22

Synonyms

4-TERT-BUTYL-1,2-BENZENEDIOL;4-TERT-BUTYL-1,2-DIHYDROXYBENZENE;TBC

Chemical Structure



Description

4-tert-Butylcatechol is a kind of White or light yellow solid, moisture absorption and then becomes sticky liquid It is soluble in ether, alcohol, carbon tetrachloride, acetone and benzene, toluene, slightly soluble in hot water, at the 60℃ when the polymerization efficiency is hydroquinone high 25 times.

Physical Properties

Melting point, °C .	53
Boiling range, °C	285
Density @ 25°C, g/cm ³	1.049
refractive index	1.508

Specification

Item	Specification
Appearance	Light yellow to white flakes
Assay (GC) , %	≥ 99.00
Melting point, °C	≥ 53.00
Ash, %	≤ 0.2
Moisture, %	≤ 0.3
Pyrocatechol , %	≤ 0.5
Solubility (25°C ,10ml solvents)	Methyl alcohol, Qualified Ethyl acetate , Qualified Methylbenzene , Qualified Benzene, Qualified

Applications

4-tert-Butylcatechol can be used for styrene, butadiene and other vinyl monomer polymerization inhibitor, and used as antioxidant, pesticide stabilizers.

Packaging

20kg per Fiber drum.
8mt per 20ft container

Storage & Handling

Stored in a cool, dry place. Do not store in direct sunlight. Store in a tightly closed container. Do not expose to air. Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.