

1,4 - dihydroxy anthraquinone product brochures

1. Name of the chemical

Chinese name: 1,4-二羟基蒽醌

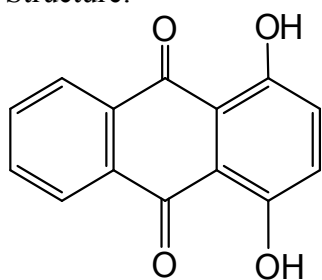
English Name :1,4-dihydroxy anthraquinone

CAS: 81-64-1

Formula: C₁₄H₈O₄

Molecular Weight: 240.21

Structure:



2. The physical and chemical properties

Appearance: Red brown powder. Sublimating in a high vacuum

Solubility: slightly soluble in water, soluble in chlorobenzene, toluene, xylene, dichlorobenzene, concentrated sulfuric acid, sodium hydroxide solution. When dissolved in ethanol, it is red; soluble in ether, it is brown and yellow fluorescent, and soluble in alkali and ammonia, it is purple.

Function: using in the manufacture of 1,4 - diamino anthraquinone and other anthraquinone dyes. Such as Acid Violet 3B, acidic green GS, acidic Brilliant Blue RAW, Acid Green P-3B, Disperse Blue 5R, Disperse Blue FFR etc.

3. the quality indicators:

No.	Item	Index
1	Appearance	Sorrel powder
2	Amino Value % \geq	96.0
3	Melting Point, °C \geq	190
4	Ash, % \leq	0.5
5	Moisture, % \leq	1.0

4, Package and storage

25kg woven bag lined with plastic bag (or according to user's requirements).

Storing in a cool, ventilated and dry warehouse. Keeping away from heat and fire.

5, toxicity and protection:

This product is toxic. It is corrosive when burning which may cause skin allergies. Please wear protective equipment if you are to touch it.