

6-nitro-1-diazo-2-naphthol-4-sulphonic acid product brochures

1. Name of the chemical

Chinese Name: 6-硝基-1,2-重氮氧基-4-磺酸萘

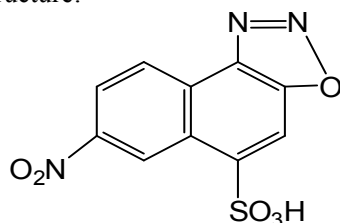
English Name :6-nitro-1-diazo-2-naphthol-4-sulphonic acid

CAS No.: 5366-84-7

Formula: C₁₀H₅N₃O₆S

Molecular Weight: 295.23

Structure:



2. The physical and chemical properties

Appearance: brown-yellow crystallization. When heated to 203 °C, it begins to decompose. Rapid decomposition happens when burning.

Solubility: easily soluble in water; a saturated aqueous solution can recrystallize in hot water; it will crystallize by adding hydrochloric acid or sulfuric acid .

Function: It is used to produce acidic and neutral dyes such as Acid Black 194, Acid Black 172, neutral black ACE, Acid Black 107, Acid Black 207, Acid Black 52, Acid Brown 355, Acid Brown 348, etc..

3.The quality indicators:

No.	item	index
1	appearance	brown-yellow crystallization
2	content, % ≥	70.0
3	Purity(HPLC), % ≥	90.0
4	8-NO _x (HPLC), % ≤	8.0
5	Oxygen(HPLC), % ≤	1.0
6	Free acid, % ≤	6.0
7	Water insoluble, % ≤	0.3

4. Package and storage

40kg woven bag lined with plastic bag (or according to user requirements).

Storing in a cool, ventilated, dry warehouse and keeping away from open flame and heat.

5. Toxicity and protection:

Please wear protective equipment if you are to touch it.