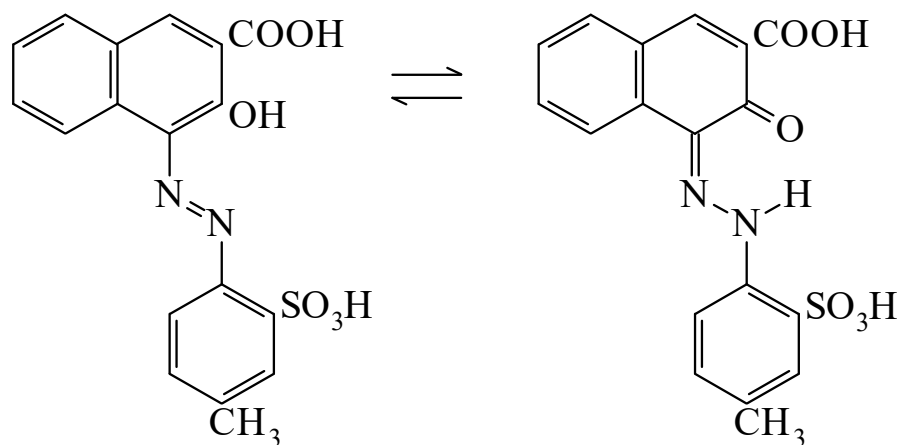




**>>Entry Name: Lithol Rubine**

**Synonym(s):** 3-Hydroxy-4-[(4-methyl-2-sulfophenyl)azo]-2-naphthalenecarboxylic acid, 9Cl. C.I. 15850. C.I. Pigment red 57



**CAS Registry Number:** 16014-23-6

**Molecular Formula:** C<sub>18</sub>H<sub>14</sub>N<sub>2</sub>O<sub>6</sub>

**Molecular Weight:** 354.318

**Accurate Mass:** 354.085188

**Percentage Composition:** C 61.02%; H 3.98%; N 7.91%; O 27.09%

**Use/Importance:** Pigment for printing inks

**>>Derivative:** Di-Na salt

**CAS Registry Number:** 5858-81-1

**Physical Description:** Red powder with yellow tint

**>>Derivative:** Ca salt

**Synonym(s):** C.I. Pigment red 57:1

**CAS Registry Number:** 5281-04-9

**Physical Description:** Bluish-red powder

**References:**

*Colour Index*, 3rd Edn., 1971, **4**, 4085, (rev)

*Ger. Pat.*, 1980, 2 845 073; *CA*, **93**, 73767k, (Na salt)

*Ger. Pat.*, 1984, 3 336 247; *CA*, **101**, 112421y, (Ca salt)

*Eur. Pat.*, 1986, 202 906; *CA*, **106**, 215574h, (Ca salt)

Harris, R.K. *et al.*, *J.C.S. Perkin 2*, 1987, 1383, (Ca salt, cmr, N-15 nmr)

*East Ger. Pat.*, 1992, 298 256; *CA*, **116**, 237367b, (Ca salt)