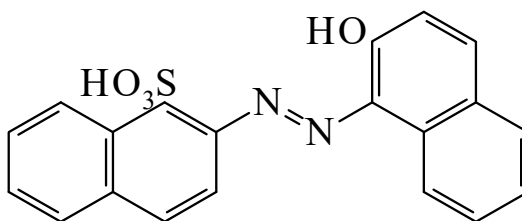




>>Entry Name: Lithol Red

Synonym(s): 2-[(2-Hydroxy-1-naphthalenyl)azo]-1-naphthalenesulfonic acid, 9Cl. 2'-Hydroxy-1',2-azonaphthalene-1-sulfonic acid. C.I. 15630. C.I. Pigment red 49



CAS Registry Number: 29128-55-0

Molecular Formula: $C_{20}H_{14}N_2O_4S$

Molecular Weight: 378.408

Accurate Mass: 378.067428

Percentage Composition: C 63.48%; H 3.73%; N 7.40%; O 16.91%; S 8.47%

Use/Importance: Pigment for printing inks

Solubility: Sl. sol. H_2O , EtOH, Me_2CO

>>Derivative: Na salt

Synonym(s): Lithiol Red R

CAS Registry Number: 1248-18-6

Physical Description: Red solid

>>Derivative: Ba salt (2:1)

Synonym(s): C.I. Pigment red 49:1. Barium lithol

CAS Registry Number: 1103-38-4

Physical Description: Red solid

References:

U.S. Pat., 1948, 2 447 394; *CA*, **42**, 9195, (*Ba salt*)

Colour Index, 3rd edn., 1971, **4**, 4081, (*rev*)

Czajkowski, W. *et al.*, *J. Soc. Dyers Colour.*, 1977, **93**, 313, (*salts, synth*)