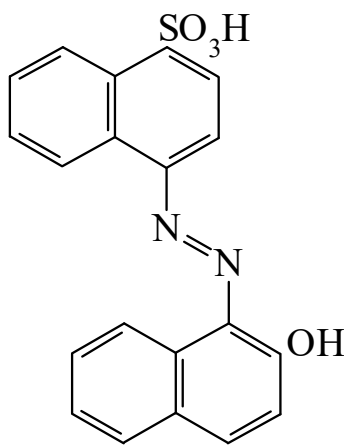




>>Entry Name: 4-[(2-Hydroxy-1-naphthalenyl)azo]-1-naphthalenesulfonic acid, 9CI

Synonym(s): 2'-Hydroxy-1,1'-azonaphthalene-4-sulfonic acid. C.I. Acid Red 88. C.I. 15620



CAS Registry Number: 18268-54-7

Extra CAS Registry Numbers(s): 1658-56-6

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%

Physical Description: Red solid (as Na salt)

Other Data: Strictly, the dye names refer to the Na salt

>>Derivative: Ba salt

CAS Registry Number: 50867-36-2

Use/Importance: Used as a 0.01% soln. in EtOH to give colour reaction with Pd

Physical Description: Orange-red cryst.

References:

Popa, G. *et al.*, *Zh. Anal. Khim.*, 1959, **14**, 322, (*Ba salt, use*)

Colour Index, 3rd. Ed., 1971, **4**, 4081

Nursten, H.E. *et al.*, *J. Soc. Dyers Colour.*, 1973, **89**, 49-59, (*synth*)