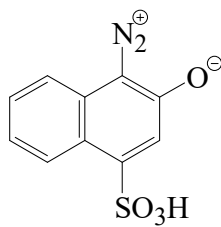




>>Entry Name: 1-Diazo-2-naphthol-4-sulfonic acid

Synonym(s): 2-Hydroxy-4-sulfo-1-naphthalenediazonium hydroxide inner salt, 8Cl



CAS Registry Number: 887-76-3

Related CAS Registry Numbers(s): 84-93-5 17228-06-7 20541-54-2

Molecular Formula: C₁₀H₆N₂O₄S

Molecular Weight: 250.234

Accurate Mass: 250.004828

Percentage Composition: C 48.00%; H 2.42%; N 11.19%; O 25.58%; S 12.81%

Physical Description: Purplish-red needles (EtOH/HCl aq.)

Melting Point: Mp 160° (dec.)

Aldrich: 22728-5

Sigma: D2890

References:

Krebzer, A. *et al.*, *Helv. Chim. Acta*, 1938, **21**, 1222, (*synth*)

Drew, H.D.K. *et al.*, *J.C.S.*, 1938, 292, (*synth*)

Kikot, B.S. *et al.*, *Izv. Akad. Nauk SSSR, Ser. Khim.*, 1964, 756; *Bull. Acad. Sci. USSR, Div. Chem. Sci. (Engl. Transl.)*, 1964, 705, (*bibl, struct*)