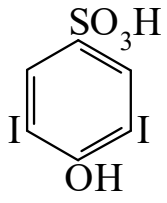
>>**Entry Name: 4-Hydroxy-3,5-diiodobenzenesulfonic acid**
Synonym(s): Sozoiodolic acid. Dijozol. Iodozol. Optojod. Ronozol. Sozoiodol



CAS Registry Number: 554-71-2
Related CAS Registry Numbers(s): 547-41-1 49558-23-8 60154-03-2

Molecular Formula: $C_6H_4I_2O_4S$
Molecular Weight: 425.97
Accurate Mass: 425.791976
Percentage Composition: C 16.92%; H 0.95%; I 59.58%; O 15.02%; S 7.53%
Use/Importance: Wound disinfectant. Radiopaque medium
Physical Description: Needles + $3H_2O$
Melting Point: Mp 120°
Calculated Log P Data: Log P 1.55 (calc)
Other Data: Becomes anhydr. at 100°. Dec. at 190°

>>**Derivative:** Hg salt
Synonym(s): Anogon. Meriodine

CAS Registry Number: 515-43-5

Molecular Formula: $C_6H_2HgI_2O_4S$
Molecular Weight: 624.544
Accurate Mass: 625.746943
Percentage Composition: C 11.54%; H 0.32%; Hg 32.12%; I 40.64%; O 10.25%; S 5.13%
Use/Importance: Formerly used as antisyphilitic
Physical Description: Fine orange-yellow powder

References:

Rupp, E. *et al.*, *Arch. Pharm. (Weinheim, Ger.)*, 1916, **254**, 488, *(synth)*
Anders, H.*, Apoth. Ztg.*, 1951, **3**, 67, *(synth)*
Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 973