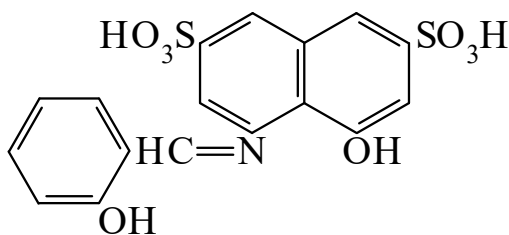




>>Entry Name: Azomethine H

Synonym(s): 4-Hydroxy-5-[[[(2-hydroxyphenyl)methylene]amino]-2,7-naphthalenedisulfonic acid, 9Cl. 4-Hydroxy-5-(salicylideneamino)-2,7-naphthalenedisulfonic acid



CAS Registry Number: 32266-60-7

Molecular Formula: $C_{17}H_{13}NO_8S_2$

Molecular Weight: 423.424

Accurate Mass: 423.008259

Percentage Composition: C 48.22%; H 3.09%; N 3.31%; O 30.23%; S 15.15%

>>Derivative: Na salt

CAS Registry Number: 5941-07-1

Use/Importance: Used in photometric detn. of B, Th, V

Physical Description: Yellow cryst. powder

Melting Point: Mp 300 dec.°

Solubility: Sol. H_2O ; spar. sol. EtOH, MeOH; insol. Et_2O , Me_2CO , $CHCl_3$

Sigma: A3144

References:

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Basson, W.D. *et al.*, *Analyst (London)*, 1969, **94**, 1135

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