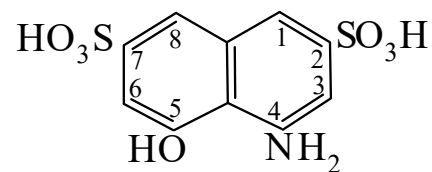




>>Entry Name: 4-Amino-5-hydroxy-2,7-naphthalenedisulfonic acid, 9Cl, 8Cl

Synonym(s): 8-Amino-1-naphthol-3,6-disulfonic acid. H acid



CAS Registry Number: 90-20-0

Related CAS Registry Numbers(s): 3963-80-2 5460-09-3

Molecular Formula: C₁₀H₉NO₇S₂

Molecular Weight: 319.316

Accurate Mass: 318.982044

Percentage Composition: C 37.61%; H 2.84%; N 4.39%; O 35.07%; S 20.08%

Use/Importance: Used in azo dye manuf., in photography and also in corrosion prevention. Used for photometric detn. of aromatic amines by diazotization and coupling

Physical Description: Cryst. or grey powder

Solubility: Sl. sol. H₂O, EtOH, Et₂O; sol. alkalies

Hazard & Toxicity: Eye irritant

>>Derivative: N-Ac

CAS Registry Number: 134-34-9

Molecular Formula: C₁₂H₁₁NO₈S₂

Molecular Weight: 361.353

Accurate Mass: 360.992609

Percentage Composition: C 39.89%; H 3.07%; N 3.88%; O 35.42%; S 17.75%

Use/Importance: Important intermed. in dyestuff chemistry. Shows antiviral props.

Physical Description: No phys. props. reported

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