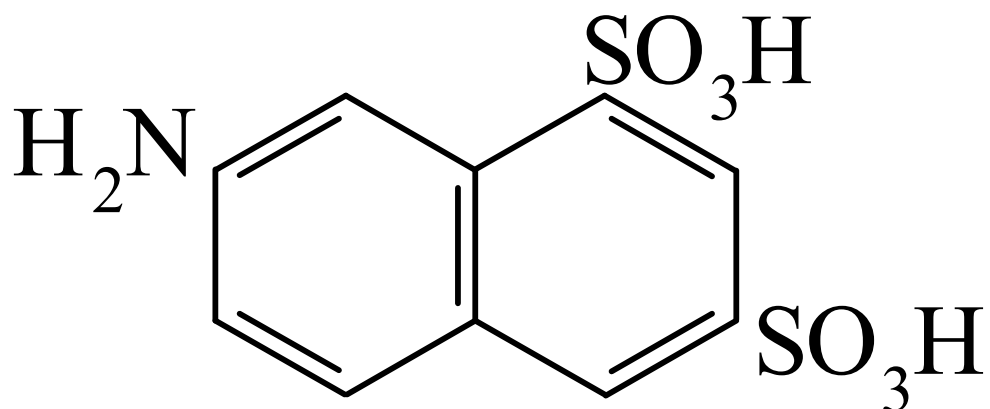




>>Entry Name: 7-Amino-1,3-naphthalenedisulfonic acid, 9Cl

Synonym(s): 2-Naphthylamine-6,8-disulfonic acid. Amido G acid. Amino G acid



CAS Registry Number: 86-65-7

Related CAS Registry Numbers(s): 842-15-9

Molecular Formula: $C_{10}H_9NO_6S_2$

Molecular Weight: 303.316

Accurate Mass: 302.987129

Percentage Composition: C 39.60%; H 2.99%; N 4.62%; O 31.65%; S 21.14%

Use/Importance: Acid-base fluorescent indicator (pH 12-14) used as an aq. soln. of salt. Dyestuff intermed.

Physical Description: Needles + 4H₂O (H₂O)

Solubility: Sol. H₂O

Hazard & Toxicity: Exp. neoplastigenic data

>>Derivative: Diethylamine salt

Melting Point: Mp 273-275 dec.°

>>Derivative: S-Benzylisothiuronium salt

Physical Description: Cryst. + 8H₂O (H₂O)

Melting Point: Mp 276 dec.°

References: