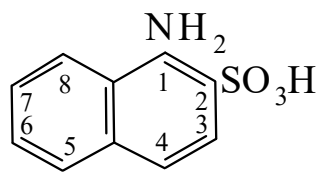




>>Entry Name: 1-Amino-2-naphthalenesulfonic acid, 9CI

Synonym(s): 1-Naphthylamine-2-sulfonic acid



CAS Registry Number: 81-06-1

Molecular Formula: C<sub>10</sub>H<sub>9</sub>NO<sub>3</sub>S

Molecular Weight: 223.252

Accurate Mass: 223.030314

Percentage Composition: C 53.80%; H 4.06%; N 6.27%; O 21.50%; S 14.36%

Use/Importance: Dyestuff intermediate

Physical Description: Needles (H<sub>2</sub>O)

Melting Point: Mp 272 dec.°

Solubility: Spar. sol. H<sub>2</sub>O

pKa Value: pK<sub>a</sub> 1.71 (25°)

Rare Chemicals Library: S44258-5

>>Derivative: K salt

Physical Description: Needles (H<sub>2</sub>O)

Solubility: Spar. sol. H<sub>2</sub>O

#### References:

Erdmann, H., *Annalen*, 1893, **275**, 225, (*synth*)

Caullet, C. *et al.*, *CA*, 1967, **67**, 58864, (*ir*)

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