



>>Entry Name: **2-Amino-1,5-naphthalenedisulfonic acid**, 9CI

Synonym(s): 2-Naphthylamine-1,5-disulfonic acid

CAS Registry Number: 117-62-4

Related CAS Registry Numbers(s): 19532-03-7

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%

Hazard & Toxicity: Skin and eye irritant. LD₅₀ (rat, orl) 5430 mg/kg

Fluka: 70760

Rare Chemicals Library: S45881-3

Sigma: N0262

>>Derivative: Di-K salt

Physical Description: Cryst.

Solubility: Mod. sol. H₂O

References:

Armstrong, H.E. *et al.*, *Proc. Chem. Soc., London*, 1890, **6**, 129

Ger. Pat., 1909, 233 105; *Chem. Zentralbl.*, 1911, **1**, 1263

Bucherer, H.T. *et al.*, *J. Prakt. Chem.*, 1921, **103**, 129

Kraslawski, A. *et al.*, *J. Chromatogr.*, 1983, **254**, 322, (*hplc*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, ALH000