



>>Entry Name: **8-Amino-1,6-naphthalenedisulfonic acid**, 9CI

Synonym(s): 1-Naphthylamine-3,8-disulfonic acid. Aminoepsilon acid. Epsilon acid. ϵ -Acid

CAS Registry Number: 129-91-9

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: Intermed. for azo dyes

Physical Description: Flakes + $3H_2O$

Solubility: Sol. H_2O

>>Derivative: Mono-Na salt

Physical Description: Cryst. + $2H_2O$

Solubility: Sol. H_2O

References:

Paul, L., *Angew. Chem.*, 1896, **9**, 562

U.K. Pat., 1921, 161 859; *CA*, **15**, 2445, (*synth*)