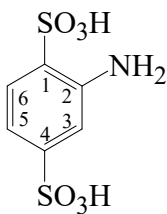




>>Entry Name: **2-Amino-1,4-benzenedisulfonic acid**, 9CI

Synonym(s): Aniline-2,5-disulfonic acid. 2,5-Disulfoaniline. 4-Sulfometanilic acid



CAS Registry Number: 98-44-2

Related CAS Registry Numbers(s): 24605-36-5 41184-20-7 66043-35-4

Molecular Formula: $C_6H_7NO_6S_2$

Molecular Weight: 253.256

Accurate Mass: 252.971479

Percentage Composition: C 28.46%; H 2.79%; N 5.53%; O 37.90%; S 25.32%

Use/Importance: Used in manuf. of diazo reactive dyes

Physical Description: Cryst. (H₂O)

pKa Value: pK_a 4.3

References:

U.S. Pat., 1933, 1 889 371; *CA*, **27**, 1364⁷, (*synth*)

Ger. Pat., 1972, 2 114 158; *CA*, **73**, 73613x, (*use*)

Spillane, W.J. *et al.*, *Analyst (London)*, 1998, **113**, 399-403, (*chromatog, anal*)