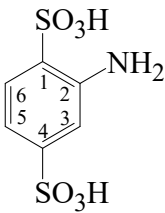




Entry Name: 2-Amino-1,4-benzenedisulfonic acid,90
Synonym(s): Aniline-2,5-disulfonic acid, 2,5-Diaminiline, 4-Sulfonamlic acid



CAS Registry Number: 98-44-2

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

Molecular Formula: C₆H₇NO₃S₂

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; C.A. 27, 1364¹, (synth)

Ger. Pat., 1972, 2 114 158; C.A. 73, 73613b, (new)

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