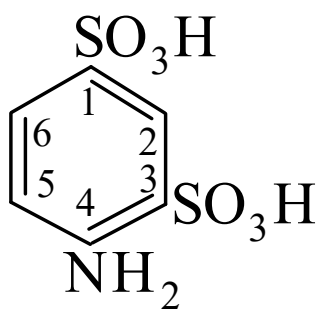




Entry Name: 4-Amino-1,3-benzenedisulfonic acid, 9CI  
Synonym(s): 4-Amino-*m*-benzenedisulfonic acid, 9CI; Aniline-2,4-disulfonic acid



CAS Registry Number: 137-51-9

Molecular Formula: C<sub>6</sub>H<sub>7</sub>NO<sub>3</sub>S<sub>2</sub>

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%

Physical Description: Cryst. + 2H<sub>2</sub>O

Melting Point: Mp 120 dec.<sup>o</sup>

Derivative: Diamide

CAS Registry Number: 40642-90-8

Molecular Formula: C<sub>6</sub>H<sub>5</sub>N<sub>2</sub>O<sub>5</sub>S<sub>2</sub>

Molecular Weight: 251.267

Accurate Mass: 251.003447

Percentage Composition: C 28.68%; H 3.61%; N 16.72%; O 25.47%; S 25.52%

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

Melting Point: Mp 23<sup>o</sup>

References:

Kresse, G. *et al.*, *Chem. Ber.*, 1956, **89**, 1412, (*synth*)

Allan, Z.J. *et al.*, *Coll. Czech. Chem. Comm.*, 1964, **29**, 752, (*synth*)