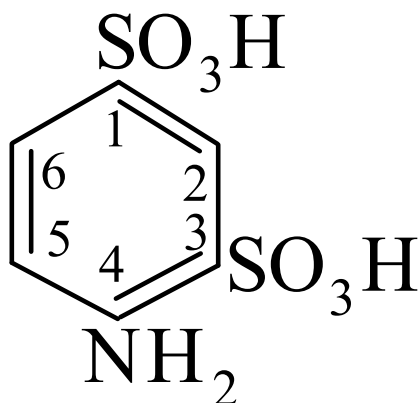




>>Entry Name: **4-Amino-1,3-benzenedisulfonic acid**, 9CI

Synonym(s): 4-Amino-*m*-benzenedisulfonic acid, 8CI. Aniline-2,4-disulfonic acid



CAS Registry Number: 137-51-9

Molecular Formula: C₆H₇NO₆S₂

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. + 2H₂O

Melting Point: Mp 120 dec.°

>>Derivative: Diamide

CAS Registry Number: 40642-90-8

Molecular Formula: C₆H₉N₃O₄S₂

Molecular Weight: 251.287

Accurate Mass: 251.003447

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

Physical Description: Leaflets (H₂O)

Melting Point: Mp 235°

References:

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

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