



>>Entry Name: **4,6-Diamino-1,3-benzenediol**, 9Cl

Synonym(s): 4,6-Diaminoresorcinol, 8Cl. 4,6-Dihydroxy-*m*-phenylenediamine

CAS Registry Number: 15791-87-4

Molecular Formula: C₆H₈N₂O₂

Molecular Weight: 140.141

Accurate Mass: 140.058578

Percentage Composition: C 51.42%; H 5.75%; N 19.99%; O 22.83%

>>Derivative: *N,N'*-Di-Ac

Molecular Formula: C₁₀H₁₂N₂O₄

Molecular Weight: 224.216

Accurate Mass: 224.079708

Percentage Composition: C 53.57%; H 5.39%; N 12.49%; O 28.54%

Physical Description: Cryst. (AcOH)

Melting Point: Mp 335 dec.°

>>Derivative: *N,N',O*-Tri-Ac

Molecular Formula: C₁₂H₁₄N₂O₅

Molecular Weight: 266.253

Accurate Mass: 266.090273

Percentage Composition: C 54.13%; H 5.30%; N 10.52%; O 30.05%

Physical Description: Needles

Melting Point: Mp 225°

>>Derivative: *N,N',O,O'*-Tetra-Ac

Molecular Formula: C₁₄H₁₆N₂O₆

Molecular Weight: 308.29

Accurate Mass: 308.100838

Percentage Composition: C 54.54%; H 5.23%; N 9.09%; O 31.14%

Physical Description: Needles (AcOH)

Melting Point: Mp 180°

References:

Kehrmann, F. *et al.*, *Ber.*, 1897, **30**, 2096