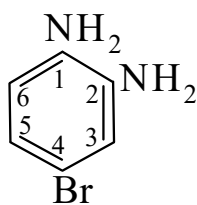




>>Entry Name: **1,2-Diamino-4-bromobenzene**

Synonym(s): 4-Bromo-1,2-benzenediamine, 9Cl. 4-Bromo-*o*-phenylenediamine, 8Cl



CAS Registry Number: 1575-37-7

Molecular Formula: C₆H₇BrN₂

Molecular Weight: 187.039

Accurate Mass: 185.999259

Percentage Composition: C 38.53%; H 3.77%; Br 42.72%; N 14.98%

Physical Description: Needles (cyclohexane)

Melting Point: Mp 63°

>>Derivative: 1,1-*N*-Di-Me

Molecular Formula: C₈H₁₁BrN₂

Molecular Weight: 215.092

Accurate Mass: 214.030559

Percentage Composition: C 44.67%; H 5.15%; Br 37.15%; N 13.02%

Boiling Point: Bp₂₃ 165°

>>Derivative: 2-*N*-Ac

CAS Registry Number: 36847-83-3

Molecular Formula: C₈H₉BrN₂O

Molecular Weight: 229.076

Accurate Mass: 228.009824

Percentage Composition: C 41.95%; H 3.96%; Br 34.88%; N 12.23%; O 6.98%

Melting Point: Mp 111°

References:

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Pesin, V.G. *et al.*, *Zh. Obshch. Khim.*, 1957, **27**, 2599-2604, (*synth*)

Wilson, J.G. *et al.*, *Aust. J. Chem.*, 1983, **36**, 2317-2325, (*synth*)