



>>Entry Name: 5-Amino-2-bromophenol, 9Cl, 8Cl

CAS Registry Number: 55120-56-4

Molecular Formula: C₆H₆BrNO

Molecular Weight: 188.023

Accurate Mass: 186.983275

Percentage Composition: C 38.33%; H 3.22%; Br 42.50%; N 7.45%; O 8.51%

Physical Description: Leaflets (H₂O)

Melting Point: Mp 150 dec.°

>>Derivative: *N*-Ac

CAS Registry Number: 55065-94-6

Molecular Formula: C₈H₈BrNO₂

Molecular Weight: 230.061

Accurate Mass: 228.99384

Percentage Composition: C 41.77%; H 3.50%; Br 34.73%; N 6.09%; O 13.91%

Physical Description: Needles (AcOH aq.)

Melting Point: Mp 209-213°

>>Derivative: *O*-4-Methylbenzenesulfonyl

Physical Description: Prisms (EtOH)

Melting Point: Mp 135-136°

>>Derivative: Me ether

Synonym(s): 4-Bromo-3-methoxybenzenamine, 9Cl. 4-Bromo-3-methoxyaniline. 4-Bromo-*m*-anisidine. 5-Amino-2-bromoanisole

CAS Registry Number: 19056-40-7

Molecular Formula: C₇H₈BrNO

Molecular Weight: 202.05

Accurate Mass: 200.998925

Percentage Composition: C 41.61%; H 3.99%; Br 39.55%; N 6.93%; O 7.92%

Physical Description: Plates

Melting Point: Mp 97-99° (93°)

>>Derivative: Me ether; hydrochloride

Melting Point: Mp 186°

>>Derivative: Me ether, *N*-benzoyl

Molecular Formula: C₁₄H₁₂BrNO₂

Molecular Weight: 306.158

Accurate Mass: 305.02514

Percentage Composition: C 54.92%; H 3.95%; Br 26.10%; N 4.57%; O 10.45%

Melting Point: Mp 131°

References:

Jacobs, H.H. *et al.*, *J.A.C.S.*, 1919, **41**, 458, (*synth*)

Griffiths, R.H. *et al.*, *J.C.S.*, 1925, **127**, 990

Hodgson, H.H. *et al.*, *J.C.S.*, 1935, 946

Cuong, D.Q. *et al.*, *J. Med. Chem.*, 1963, **6**, 452