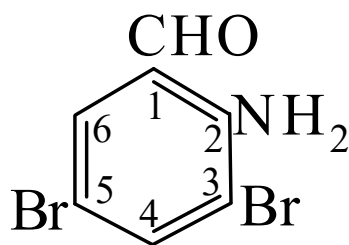




>>Entry Name: 2-Amino-3,5-dibromobenzaldehyde, 9CI

Synonym(s): 3,5-Dibromoanthranilaldehyde



CAS Registry Number: 50910-55-9

Molecular Formula: C₇H₅Br₂NO

Molecular Weight: 278.931

Accurate Mass: 276.913786

Percentage Composition: C 30.14%; H 1.81%; Br 57.29%; N 5.02%; O 5.74%

Physical Description: Pale-yellow prisms (EtOH)

Melting Point: Mp 137-137.5°

Aldrich: 46346-9

>>Derivative: Oxime

Molecular Formula: C₇H₆Br₂N₂O

Molecular Weight: 293.945

Accurate Mass: 291.924685

Percentage Composition: C 28.60%; H 2.06%; Br 54.37%; N 9.53%; O 5.44%

Physical Description: Needles

Melting Point: Mp 189°

>>Derivative: N-Benzoyl

Molecular Formula: C₁₄H₉Br₂NO₂

Molecular Weight: 383.039

Accurate Mass: 380.940001

Percentage Composition: C 43.90%; H 2.37%; Br 41.72%; N 3.66%; O 8.35%

Melting Point: Mp 184°

References:

Bamberger, E. *et al.*, *Ber.*, 1901, **34**, 1309, (*synth*)

Muller, J., *Ber.*, 1909, **42**, 3695, (*synth*)

Ger. Pat., 1980, 2 911 266; *CA*, **92**, 76924, (*synth*)