



>>Entry Name: 4-Amino-3-bromobenzoic acid, 9CI, 8CI

CAS Registry Number: 6311-37-1

Molecular Formula: $C_7H_6BrNO_2$

Molecular Weight: 216.034

Accurate Mass: 214.97819

Percentage Composition: C 38.92%; H 2.80%; Br 36.99%; N 6.48%; O 14.81%

Physical Description: Needles (EtOH)

Melting Point: Mp 204°

>>Derivative: Et ester

Molecular Formula: $C_9H_{10}BrNO_2$

Molecular Weight: 244.087

Accurate Mass: 243.00949

Percentage Composition: C 44.29%; H 4.13%; Br 32.74%; N 5.74%; O 13.11%

Melting Point: Mp 91-92°

>>Derivative: N-Ac

CAS Registry Number: 74103-28-9

Molecular Formula: $C_9H_8BrNO_3$

Molecular Weight: 258.071

Accurate Mass: 256.988755

Percentage Composition: C 41.89%; H 3.12%; Br 30.96%; N 5.43%; O 18.60%

Melting Point: Mp 226-229°

References:

Raiford, L.C. *et al.*, *J.A.C.S.*, 1928, **50**, 156, (*synth*)

Aliazam, M. *et al.*, *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1934, **53**, 12, (*synth*)

Francis, C.L. *et al.*, *Aust. J. Chem.*, 1994, **47**, 2109, (*ester*)