



>>Entry Name: 3-Amino-5-bromobenzoic acid, 9CI, 8CI

CAS Registry Number: 42237-85-4

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

Melting Point: Mp 220-222°

Rare Chemicals Library: S27646-4

>>Derivative: N-Ac

CAS Registry Number: 78238-11-6

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 279-281°

>>Derivative: Nitrile

Synonym(s): 3-Bromo-5-cyanoaniline

CAS Registry Number: 49674-16-0

Molecular Formula: $C_7H_5BrN_2$

Molecular Weight: 197.034

Accurate Mass: 195.983609

Percentage Composition: C 42.67%; H 2.56%; Br 40.55%; N 14.22%

Physical Description: Cryst.

Melting Point: Mp 124-125°

References:

McAlister, F.B. *et al.*, *J.C.S.*, 1928, 1913, (*synth*)

Inubishi, Y. *et al.*, *Yakugaku Zasshi*, 1952, **72**, 1459; *CA*, **47**, 8040, (*synth*)

U.S. Pat., 1974, 3 821 276; *CA*, **79**, 115333j, (*nitrile*)