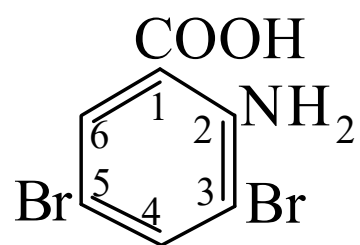




>>Entry Name: 2-Amino-3,5-dibromobenzoic acid, 9CI

Synonym(s): 3,5-Dibromoanthranilic acid



CAS Registry Number: 609-85-8

Molecular Formula: $C_7H_5Br_2NO_2$

Molecular Weight: 294.93

Accurate Mass: 292.908701

Percentage Composition: C 28.51%; H 1.71%; Br 54.19%; N 4.75%; O 10.85%

Physical Description: Needles (EtOH)

Melting Point: Mp 236-238° (225°)

Other Data: Dec. at 260-70°

Aldrich: 33579-7

>>Derivative: *N*-Ac

CAS Registry Number: 16610-45-0

Molecular Formula: $C_9H_7Br_2NO_3$

Molecular Weight: 336.967

Accurate Mass: 334.919266

Percentage Composition: C 32.08%; H 2.09%; Br 47.43%; N 4.16%; O 14.24%

Melting Point: Mp 221 dec.°

>>Derivative: Me ester

CAS Registry Number: 606-00-8

Molecular Formula: $C_8H_7Br_2NO_2$

Molecular Weight: 308.957

Accurate Mass: 306.924351

Percentage Composition: C 31.10%; H 2.28%; Br 51.73%; N 4.53%; O 10.36%

Physical Description: Needles

Melting Point: Mp 90° (84°)

Aldrich: 29780-1

>>Derivative: Me ester, *N*-Ac

Molecular Formula: $C_{10}H_9Br_2NO_3$

Molecular Weight: 350.994

Accurate Mass: 348.934916

Percentage Composition: C 34.22%; H 2.58%; Br 45.53%; N 3.99%; O 13.67%

Melting Point: Mp 91°

>>Derivative: Anilide

Molecular Formula: $C_{13}H_{10}Br_2N_2O$

Molecular Weight: 370.043

Accurate Mass: 367.955985

Percentage Composition: C 42.20%; H 2.72%; Br 43.19%; N 7.57%; O 4.32%

Physical Description: Needles (AcOH)

Melting Point: Mp 218°

>>Derivative: Amide

CAS Registry Number: 16524-04-2

Molecular Formula: $C_7H_6Br_2N_2O$

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%

Melting Point: Mp 196-197°. Mp 211-212°