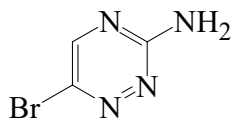




>>Entry Name: **3-Amino-6-bromo-1,2,4-triazine**

Synonym(s): 6-Bromo-1,2,4-triazin-3-amine, 9CI



CAS Registry Number: 69249-22-5

Molecular Formula: $C_3H_3BrN_4$

Molecular Weight: 174.988

Accurate Mass: 173.974107

Percentage Composition: C 20.59%; H 1.73%; Br 45.66%; N 32.02%

>>Derivative: 1-Oxide

CAS Registry Number: 63197-11-5

Molecular Formula: $C_3H_3BrN_4O$

Molecular Weight: 190.987

Accurate Mass: 189.969022

Percentage Composition: C 18.87%; H 1.58%; Br 41.84%; N 29.34%; O 8.38%

Physical Description: Solid by subl.

Melting Point: Mp 130° (dec.)

Boiling Point: Subl._{0.01} 130°

>>Derivative: 2-Oxide

CAS Registry Number: 65915-03-9

Molecular Formula: $C_3H_3BrN_4O$

Molecular Weight: 190.987

Accurate Mass: 189.969022

Percentage Composition: C 18.87%; H 1.58%; Br 41.84%; N 29.34%; O 8.38%

Physical Description: Solid

Melting Point: Mp 138-139°

>>Derivative: 3-*N*-Me

CAS Registry Number: 65914-97-8

Molecular Formula: $C_4H_5BrN_4$

Molecular Weight: 189.014

Accurate Mass: 187.989757

Percentage Composition: C 25.42%; H 2.67%; Br 42.27%; N 29.64%

Physical Description: Solid

Melting Point: Mp 70-72°

>>Derivative: 3-*N*-Me, 1-oxide

CAS Registry Number: 63197-12-6

Molecular Formula: $C_4H_5BrN_4O$

Molecular Weight: 205.014

Accurate Mass: 203.984672

Percentage Composition: C 23.43%; H 2.46%; Br 38.97%; N 27.33%; O 7.80%

Physical Description: Solid by subl.

Melting Point: Mp 185-187°

Boiling Point: Subl._{0.01} 110°

>>Derivative: 3*N*,3*N*-Di-Me

CAS Registry Number: 63197-14-8

Molecular Formula: $C_5H_7BrN_4$

Molecular Weight: 203.041

Accurate Mass: 202.005407

Percentage Composition: C 29.58%; H 3.47%; Br 39.35%; N 27.59%

Physical Description: Solid (CH₂Cl₂/petrol or by subl.)

Melting Point: Mp 66-67.5°

Boiling Point: Subl._{0.01} 40°