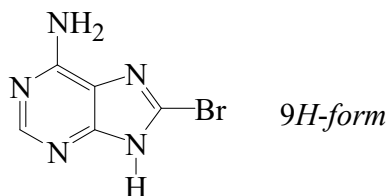




>>Entry Name: **6-Amino-8-bromopurine**

Synonym(s): 8-Bromo-1*H*-purin-6-amine, 9Cl. 8-Bromoadenine, 8Cl



CAS Registry Number: 6974-78-3

Molecular Formula: C₅H₄BrN₅

Molecular Weight: 214.024

Accurate Mass: 212.985006

Percentage Composition: C 28.06%; H 1.88%; Br 37.33%; N 32.72%

>>Derivative: 9-β-D-Ribofuranosyl

Synonym(s): 8-Bromoadenosine, 9Cl

CAS Registry Number: 2946-39-6

Molecular Formula: C₁₀H₁₂BrN₅O₄

Molecular Weight: 346.14

Accurate Mass: 345.027266

Percentage Composition: C 34.70%; H 3.49%; Br 23.08%; N 20.23%; O 18.49%

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 234° (dec.)

Optical Rotation: $[\alpha]_D^{30} -55$ (c, 2.5 in aq. DMSO)

>>Derivative: 9-β-D-Ribofuranosyl, 2',3',5'-tri-Ac

CAS Registry Number: 31281-86-4

Molecular Formula: C₁₆H₁₈BrN₅O₇

Molecular Weight: 472.252

Accurate Mass: 471.058961

Percentage Composition: C 40.69%; H 3.84%; Br 16.92%; N 14.83%; O 23.72%

Physical Description: Cryst. (THF)

Melting Point: Mp 187-188°