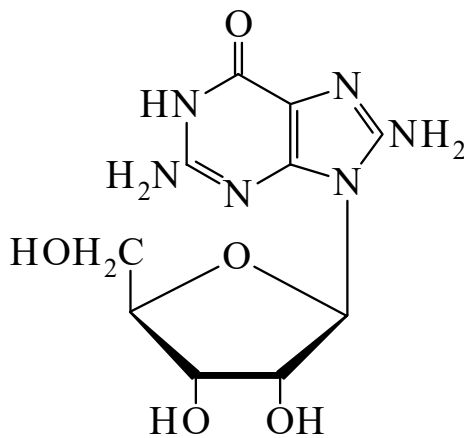




>>Entry Name: 8-Aminoguanosine, 9CI

Synonym(s): 2,8-Diamino-9-β-D-ribofuranosyl-9H-purin-6(1H)-one. 8-Amino-9-β-D-ribofuranosylguanine. 2,8-Diaminoinosine



CAS Registry Number: 3868-32-4

Molecular Formula: C₁₀H₁₄N₆O₅

Molecular Weight: 298.258

Accurate Mass: 298.102569

Percentage Composition: C 40.27%; H 4.73%; N 28.18%; O 26.82%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 241 dec.°

Other Data: Slowly darkens in air

Sigma: A7290

>>Derivative: N⁸-Me

Synonym(s): 8-(Methylamino)guanosine, 9CI

CAS Registry Number: 13389-05-4

Molecular Formula: C₁₁H₁₆N₆O₅

Molecular Weight: 312.285

Accurate Mass: 312.118219

Percentage Composition: C 42.31%; H 5.16%; N 26.91%; O 25.62%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 196 dec.°

>>Derivative: N⁸,N⁸-Di-Me

Synonym(s): 8-(Dimethylamino)guanosine, 9CI

CAS Registry Number: 7057-52-5

Molecular Formula: C₁₂H₁₈N₆O₅

Molecular Weight: 326.311

Accurate Mass: 326.133869

Percentage Composition: C 44.17%; H 5.56%; N 25.75%; O 24.52%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 211 dec.°

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