



Formula: C₁₀H₁₂ClN₅O₄

MW: 301.69

CAS: 38169

MDL: MFCD06661897

TNP:

2-AMINO-6-CHLORO-9-(BETA-D-RIBOFURANOSYL)PURINE;
2-AMINO-6-CHLOROPURINE-9-BETA-D-RIBOSIDE;
2-AMINO-6-CHLOROPURINE-9-RIBOSIDE; 2-AMINO-6-CHLOROPURINE RIBOSIDE;
6-CHLOROADENOSINE; 6-CHLOROGUANINE RIBOSIDE; 6-CHLOROGUANOSINE;
6-chloro-9-beta-D-ribofuranosyl-9H-puri



LogP: -0.25

LogS: -2.61

Acceptors: 4

Donors: 5

Rotation Bonds: 1

Chiral Centers: 4

N+O: 9

LIPINSKY: 4

IUPAC: (3S,2R,4R,5R)-5-(2-amino-6-chloropurin-9-yl)-2-(hydroxymethyl)oxolane-3,4-diol

Smiles: n1(cnc2c1nc(nc2Cl)N)[C@H]1[C@@H]([C@H](O)[C@H](O1)CO)O

Specification: Miscellaneous Biochemicals; Heterocyclic Compounds; Biochemistry; Nucleosides and their analogs; Nucleosides, Nucleotides & Related Reagents; Bases & Related Reagents; Nucleotides 2-Amino-6-chloropurine-9-riboside Chemical Properties:

mp 165-167 C (dec.)(lit.) refractive index -38 (C=0.1, H₂O) storage temp. -20C CAS DataBase Reference2004-07-1(CAS DataBase Reference) Safety Information Hazard Codes Xi Risk Statements 36/37/38 Safety Statements 24/25-36-26 WGK Germany 3 Hazard Note Irritant2-Amino-6-chloropurine-9-riboside Usage And Synthesis Chemical Properties:

Colourless Crystalline Solid Usage6-Substituted purines; a novel class of inhibitors of endogenous protein degradation 2-Amino-6-chloropurine-9-riboside