



Formula: C₁₀H₁₃N₅O₄

MW: 267.24

Salt: H₂O

CAS: 961-07-9

MDL: MFCD00041786

TNP: TNP00532

2'-DEOXYGUANOSINE HEMIHYDRATE; 2'-DEOXYGUANOSINE HYDRATE; 2'-DG H₂O;
9-(2-DEOXY-BETA-D-RIBOFURANOSYL)GUANINE MONOHYDRATE



LogP: -1.3

LogS:

Acceptors: 4

Donors: 5

Rotation Bonds: 1

Chiral Centers: 3

N+O: 9

LIPINSKY: 4

Info: 2'-Deoxyguanosine hydrate 99+%

IUPAC: 9-[(4S,2R,5R)-4-hydroxy-5-(hydroxymethyl)oxolan-2-yl]-2-aminohydropurin-6-one

Smiles: C1[C@@H]([C@H](O[C@H]1n1c2c(c([nH]c(n2)N)=O)nc1)CO)O

SOURCE: Guanosine is constituent of nucleic acids

Specification: 2'-DEOXYGUANOSINE MONOHYDRATE Chemical Properties:

mp >300 C (dec.)(lit.) Safety 24/25 WGK Germany 3 2'-DEOXYGUANOSINE
MONOHYDRATE Usage And Synthesis 2'-DEOXYGUANOSINE MONOHYDRATE