



Formula: C₁₀H₁₂N₅Na₂O₈P

MW: 407.19

CAS: 1333479

MDL: MFCD00041798

TNP: TNP00497

5-GUANYLIC ACID, DISODIUM SALT HYDRATE; GUANOSINE 5'-MONOPHOSPHATE DISODIUM SALT HYDRATE; GMP DISODIUM SALT HYDRATE



LogP: 2.82

LogS: -4.39

Acceptors: 8

Donors: 5

Rotation Bonds: 1

Chiral Centers: 4

N+O: 13

LIPINSKY: 4

IUPAC: [(3S,2R,4R,5R)-5-(2-amino-6-oxohydropurin-9-yl)-3,4-dihydroxyoxolan-2-yl]methyl dihydrogen phosphate, sodium salt, sodium salt

Smiles:

n1([C@H]2[C@@H]([C@H](O)[C@H](O2)COP([O-])([O-])=O)O)c2c(c(=O)[nH]c(n2)N)nc1.[Na+].[Na+]

SOURCE: Nucleotide, widely distributed in nature. Isolated from sardines or yeast extracts

Specification: GUANOSINE 5'-MONOPHOSPHATE DISODIUM SALT HYDRATE Chemical Properties:

mp 300 C storage temp. 0-6C Safety 24/25 GUANOSINE 5'-MONOPHOSPHATE DISODIUM SALT HYDRATE Usage And Synthesis GUANOSINE 5'-MONOPHOSPHATE DISODIUM SALT HYDRATE