



Formula: C<sub>10</sub>H<sub>14</sub>N<sub>5</sub>O<sub>6</sub>P

MW: 331.23

CAS: 653-63-4

MDL: MFCD06668126

TNP: TNP00494

2'-DEOXYADENOSINE-5'-MONOPHOSPHORIC ACID HYDRATE;  
2'-DEOXYADENOSINE-5'-MONOPHOSPHORIC ACID MONOHYDRATE



LogP: 1.53

LogS: -3.59

Acceptors: 6

Donors: 5

Rotation Bonds: 4

Chiral Centers: 3

N+O: 11

LIPINSKY: 4

IUPAC: [(3S,2R,5R)-5-(6-aminopurin-9-yl)-3-hydroxyoxolan-2-yl]methyl dihydrogen phosphate

Smiles: C1[C@@H]([C@H](O[C@H]1n1c2c(c(ncn2)N)nc1)COP(=O)(O)O)O

SOURCE: Derivative of adenosine (Nucleoside)

Specification: 2'-DEOXYADENOSINE-5'-MONOPHOSPHORIC ACID HYDRATE Chemical

Properties:

mp 148 C (dec.)(lit.) storage temp. -20C Safety 24/25 WGK Germany  
32'-DEOXYADENOSINE-5'-MONOPHOSPHORIC ACID HYDRATE Usage And Synthesis  
2'-DEOXYADENOSINE-5'-MONOPHOSPHORIC ACID HYDRATE