



Formula: C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>3</sub>

MW: 251.25

Salt: H<sub>2</sub>O

CAS: 16373-93-6

MDL: MFCD00063683

TNP: TNP00489

DEOXYADENOSINE HYDRATE; ADENINE DEOXYRIBOSIDE; ADENINE DEOXYRIBOSIDE HYDRATE; ADENINE DEOXYRIBOSIDE MONOHYDRATE; 9-(2-DEOXY-BETA-D-RIBOFURANOSYL)ADENINE; 9-(2-DEOXY-BETA-D-RIBOFURANOSYL)ADENINE MONOHYDRATE; 2'-DEOXYADENOSINE HYDRATE; 2'-DEOXYADENOSINE MONOHYDRAT



LogP: -3.22

LogS: -1.77

Acceptors: 3

Donors: 4

Rotation Bonds: 1

Chiral Centers: 3

N+O: 8

LIPINSKY: 4

IUPAC: (3S,2R,5R)-5-(6-aminopurin-9-yl)-2-(hydroxymethyl)oxolan-3-ol

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

SOURCE: Derivative of Adenosine

Specification: Biochemistry; Nucleosides and their analogs; Nucleosides, Nucleotides & Related Reagents 2'-Deoxyadenosine monohydrate Chemical Properties:

mp 187-189 C refractive index -25.5 (C=0.5, H<sub>2</sub>O) storage temp. 2-8C form powder Water Solubility 0.3 g/100 mL (20