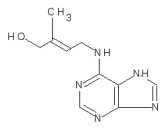

Formula: C10H13N5O

MW: 219.25

CAS: 1637-39-4

MDL: MFCD00036831

TNP: TNP00322

(e)-2-buten-1-o; (E)-Zeatin; 2-Buten-1-ol,2-methyl-4-(purin-6-ylamino)-,(E)-;
2-methyl-4-(1H-purin-6-ylamino)-,(E)-2-Buten-1-ol;
2-methyl-4-(purin-6-ylamino)-,(E)-2-Buten-1-ol; Zeatine;
(E)-2-METHYL-4-(1H-PURIN-6-YLAMINO)-2-BUTEN-1-OL; 6-(4-HYDROXY-3-METHYL-2-BU

LogP: 1.99

LogS: -3.53

Acceptors: 1

Donors: 3

Rotation Bonds: 4

Chiral Centers: 0

N+O: 6

LIPINSKY: 4

IUPAC: (2E)-2-methyl-4-(purin-6-ylamino)but-2-en-1-ol

Smiles: N(CC=C(CO)C)c1c2c(nc[nH]2)ncn1

Specification: Miscellaneous Natural Products; Purine; PLANT GROWTH REGULATOR;

Biochemistry; Cytokinins; Plant Growth Regulators; Plant Hormones trans-Zeatin Chemical Properties:

 mp 207 C storage temp. -20C solubility H2O: soluble form powder color off-white to yellow Merck 10117 CAS DataBase Reference1637-39-4(CAS DataBase Reference) EPA Substance Registry System2-Buten-1-ol, 2-methyl-4-(1H-purin-6-ylamino)-, (2E)-(1637-39-4) Safety Information Hazard Codes Xi Safety Statements 22-24/25 WGK Germany 3 RTECS EM9506000 F 8-10-23 trans-Zeatin English trans-Zeatin Usage And Synthesis Chemical Properties:

white to light yellow crystal powder trans-Zeatin