



Formula: C<sub>10</sub>H<sub>9</sub>N<sub>5</sub>O

MW: 215.21

CAS: 525-79-1

MDL: MFCD00005571

TNP: TNP00302

KINETINE; KINETIN; FURFURYLAMINOPURINE, 6-; FURFURYLADENINE; AURORA 2450; 6-FURFURYLAMINOPURINE; 6-furfuryladenine; cytokinin



LogP: 2.62

LogS: -4.32

Acceptors: 1

Donors: 2

Rotation Bonds: 2

Chiral Centers: 0

N+O: 6

LIPINSKY: 4

Info: A cell division factor found in various plant parts and in yeast. Plant growth regulator.

IUPAC: (2-furylmethyl)purin-6-ylamine

Smiles: N(Cc1ccco1)c1c2c(nc[nH]2)ncn1

Specification: Purine; Amines; PLANT GROWTH REGULATOR; Biochemistry; Chemical

Reagents for Pharmacology Research; Cytokinins; Nucleobases and their analogs;  
Nucleosides, Nucleotides & Related Reagents; Plant Growth Regulators; Plant Hormones;  
Bases & Related Reagents; Heterocycles; Nucleotides Kinetin Chemical Properties:

mp 269-271 C (dec.)(lit.) Fp 269-271C storage temp. -20C solubility H2O: soluble form  
crystalline color white Decomposition 269-271