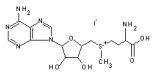

Formula: C15H23IN6O5S

MW: 526.36

CAS: 3493-13-8

TNP NUMBER: TNP00637

MDL NUMBER: MFCD09788151

IUPAC: 2-amino-6-[5-(6-aminopurin-9-yl)-3,4-dihydroxyoxolan-2-yl]-5-methyl-5-thiahexa noic acid, iodide

Smiles: C(C(CC[S+](CC1C(C(O)C(n2c3c(nc2)c(N)ncn3)O1)O)C)N)(=O)O.[I-]

fPrepared rom L-methionine enriched yeast, >80% (HPLC), >=80% (spectrophotometric assay)

THERAPEUTIC CATEGORY: Antidepressant; Antirheumatic; in treatment of intrahepatic cholestasis

ACCEPTORS: 5

DONORS: 7

ROTATION BONDS: 10

N+O: 11

Chiral Centers: 5

LogP: -1.28

LogS: -2.66

LIPINSKI: 2

Synonyms: SAM-E IODIDE SALT;S-(5'-ADENOSYL)-L-METHIONINE IODIDE;S-ADENOSYL-L-METHIONINE IODIDE SALT;S-ADENOSYLMETHIONINE IODIDE;S-ADENOSYL METHIONINE IODIDE SALT;ADENOSYL-L-METHIONINE, S-IODIDE SALT;S-(5'-deoxy-5'-adenosyl)methionine iodide;S-(5'-Adenosyl)-L-methionine iodide;SAM iodide salt

CAS:3493-13-8

MF:C15H23IN6O5S

MW:526.35

EINECS:222-486-5

Product Categories:Nucleic acids S-ADENOSYL-L-METHIONINE IODIDE SALT

Chemical Properties: storage temp. -20C solubility H2O: 100 mg/mL Xi Risk Statements 36/37/38 Safety Statements 22-24/25-36-26 WGK Germany 3 F 8-10-23 S-ADENOSYL-L-METHIONINE IODIDE SALT

Usage And Synthesis: S-ADENOSYL-L-METHIONINE IODIDE SALT