



Formula: C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>15</sub>P<sub>3</sub>

MW: 481.12

Salt: 3Na<sup>+</sup>, xH<sub>2</sub>O

CAS: 19817-92-6

TNP NUMBER: TNP00642

IUPAC: [5-(2,4-dioxo(1,3-dihydropyrimidinyl))-3,4-dihydroxyoxolan-2-yl]methyl hydrogen (phosphonoxy)(hydroxyphosphoryl) phosphate

Smiles: c1([nH]c(n(C2C(O)C(O)C(O2)COP(OP(=O)([O-])O)(=O)[O-])(=O)[O-])cc1)=O)=O

THERAPEUTIC CATEGORY: In treatment of cyclic fibrosis

SOURCE: Isolation from rabbit muscle

ACCEPTORS: 15

DONORS: 4

ROTATION BONDS: 6

N+O: 17

Chiral Centers: 4

LogP: -10.38

LogS: -0.35

LIPINSKI: 3

Synonyms: Uridine 5'-triphosphatetrisodium salhydrate; URIDINE 5'-TRIPHOSPHATE TETRASODIUM; URIDINE-5'-TRIPHOSPHATE TETRASODIUM SALT; Uridine-5'-triphosphoric acid trisodium salt; uridine 5'-(disodium dihydrogen triphosphate); URIDINE 5'-TRIPHOSPHATE TRISODIUM\*100 MM SOLUTION M; URIDINE 5'-TRIPHOSPHATE TYPE IV\*TRISODIUM; URIDINE 5'-TRIPHOSPHATE SODIUM FROM\*YEAS T TYPE III

CAS:19817-92-6

MF:C9H12N2Na3O15P3

MW:550.09

EINECS:243-347-5

Product Categories: Biochemistry; Nucleosides, Nucleotides & Related Reagents; Nucleotides and their analogs Uridine-5'-triphosphoric acid trisodium salt

Chemical Properties: mp 140 C Fp 113 C storage temp. -20C Water Solubility 75 g/100 mL (20 C)

CAS DataBase Reference: 19817-92-6(

CAS DataBase Reference: ) Xn,Xi Risk Statements 20/21/22-68/20/21/22-68-36/37/38 Safety Statements 22-26-36 WGK Germany 1 Uridine-5'-triphosphoric acid trisodium salt

Usage And Synthesis:

Chemical Properties: White crystalline powder Uridine-5'-triphosphoric acid trisodium salt

