



Formula: C₁₀H₁₁F₃N₂O₅

MW: 296.2

CAS: 70-00-8

MDL NUMBER: MFCD04220949

IUPAC: 1-[4-hydroxy-5-(hydroxymethyl)oxolan-2-yl]-5-(trifluoromethyl)-1,3-dihydropyrimidine-2,4-dione

Smiles: n1c([nH]c(c(c1)C(F)(F)F)=O)=O)C1OC(CO)C(C1)O

Nucleoside Analog

THERAPEUTIC CATEGORY: Antiviral (ophthalmic)

SOURCE: Nucleoside Analog

ACCEPTORS: 5

DONORS: 3

ROTATION BONDS: 4

N+O: 7

Chiral Centers: 3

LogP: -0.82

LogS: -2.57

LIPINSKI: 4

Synonyms:

TFT;TRIFLUORO-D-THYMIDINE;TRIFLURIDINE;TRIFLUOROTHYMIDINE;TRIFLUOROTHYM
INE

DEOXYRIBOSIDE;2,4(1h,3h)-pyrimidinedione,1-(2-deoxy-beta-d-ribofuranosyl)-5-(trifluorometh;
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