

Product Name : Tenofovir Disoproxil Fumarate

Synonyms : Bis(POC)-PMPA

Cat No. : M13146

CAS Number : 202138-50-9

Molecular Formula : C₁₉H₃₀N₅O₁₀P·C₄H₄O₄

Formula Weight : 635.51

Chemical Name : —

Description : Tenofovir Disoproxil Fumarate is a nucleotide reverse transcriptase inhibitor to treat HIV and chronic Hepatitis B.

Pathway : Microbiology/Virology

Target : HIV

Receptor : HIV reverse transcriptase

Solubility : DMSO:128 mg/mL (201.41 mM)

SMILES : C/C=C/C(=O)O(=O)O.C(OCOP(=O)(CO[C@@H](CN1C2=NC=NC(=C2N=C1)N)C)OCOC(OC(C)C)=O(OC(C)C)=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Murphy RA,etal.Establishment of HK-2 Cells as a Relevant Model to Study Tenofovir-Induced Cytotoxicity.Int J Mol Sci. 2017 Mar 1;18(3). |

