

Tenofovir Disoproxil Fumarate

Cat. No. CEI-0248

Lot. No. (See product label)

Introduction

Description

Tenofovir disoproxil fumarate belongs to a class of antiretroviral drugs known as nucleotide analogue reverse transcriptase inhibitors (nRTIs), which block reverse transcriptase, an enzyme crucial to viral production in HIV-infected people.

Synonyms

Viread

Product Information

CAS No.

202138-50-9

Molecular Formula

C₁₉H₃₀N₅O₁₀P.C₄H₄O₄

Chemical Name

2,4,6,8-Tetraoxa-5-phosphanonanedioic acid, 5-[[[(1R)-2-(6-amino-9H-purin-9-yl)-1-methylethoxy]methyl]-, 1,9-bis(1-methylethyl) ester, 5-oxide, (2E)-2-butenedioate (1:1)

Molecular Weight

635.51

Purity

>99%

Targets

nucleoside analog reverse transcriptase

Solubility

DMSO 128 mg/mL, Water

Storage and Shipping Information

Storage

2 years at -20 centigrade