

## 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** C<sub>19</sub>H<sub>30</sub>N<sub>5</sub>O<sub>10</sub>P.C<sub>4</sub>H<sub>4</sub>O<sub>4</sub>

**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