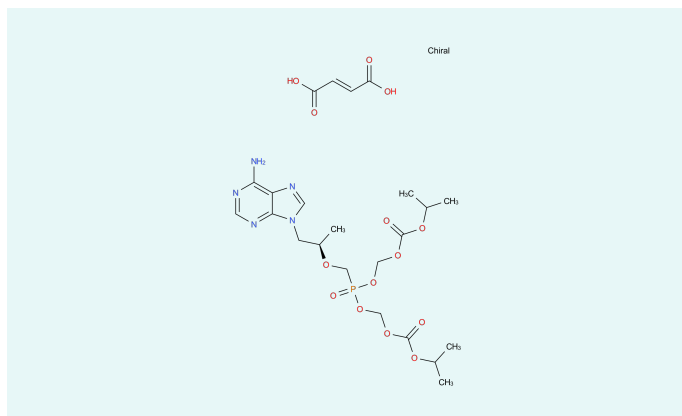


Tenofovir disoproxil fumarate



CAS

202138-50-9

Status

Development

Inquiry

Tenofovir disoproxil fumarate is a nucleotide analogue that belongs to the nucleotide reverse transcriptase inhibitors (NtRTI). It is incorporated by viruses instead of deoxyadenosine triphosphate (dATP) (competitive inhibition), but the chemical structure leads to chain termination in any case. It is used in the treatment of HIV-1 infections and hepatitis B.

Description

Formula $C_{19}H_{30}N_5O_{10}P \cdot C_4H_4O_4$

Molecular weight 635.52 g/mol

Molecular size small

Controlled Substance no

Precursor no

Indications Antivirals for systemic use

Your Contact



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