



LKT Laboratories, Inc.

Tenofovir Monohydrate

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Product Information

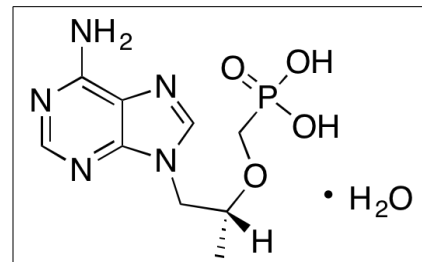
Product ID T1854
CAS No. 206184-49-8
Chemical Name

Synonym

Formula $C_9H_{14}N_5O_4P \cdot H_2O$
Formula Wt. 305.23
Melting Point
Purity $\geq 98\%$
Solubility

Store Temp Ambient
Ship Temp Ambient

Description Tenofovir is an antiviral compound that is clinically used to treat hepatitis B and HIV-1 infections. Tenofovir is a nucleotide analog and inhibitor of reverse transcriptase. This compound is also in development as a potential treatment for feline leukemia virus (FeLuk).



Bulk quantities available upon request

Product ID	Size
T1854	25 mg
T1854	100 mg
T1854	250 mg
T1854	1 g

References Qiu LP, Chen L, Chen KP. Antihepatitis B therapy: a review of current medications and novel small molecule inhibitors. *Fundam Clin Pharmacol.* 2013 Oct 4. [Epub ahead of print]. PMID: 24118072.

Iyidogan P, Anderson KS. Recent findings on the mechanisms involved in tenofovir resistance. *Antivir Chem Chemother.* 2013 Jun 6. [Epub ahead of print]. PMID: 23744599.

Greggs WM 3rd, Clouser CL, Patterson SE, et al. Discovery of drugs that possess activity against feline leukemia virus. *J Gen Virol.* 2012 Apr;93(Pt 4):900-5. PMID: 22258856.

Rohan LC, Moncla BJ, Kunjara Na Ayudhya RP, et al. In vitro and ex vivo testing of tenofovir shows it is effective as an HIV-1 microbicide. *PLoS One.* 2010 Feb 19;5(2):e9310. PMID: 20174579.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.