

# Stavudine

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Stavudine is a nucleoside analog reverse transcriptase inhibitor active against HIV. ([From the Wikipedia article Stavudine](#).)



## Recent Publications on Stavudine:

- [Lipodystrophy and metabolic complications of highly active antiretroviral therapy.](#)  
*OBJECTIVE: To assess the metabolic drug toxicities of first-line, World...*13th November, 2009  
Department of Pediatrics, Maulana Azad Medical College and Associated- Indian J Pediatr. 2009 Oct;76(10):1017-21. Epub 2009 Nov 12. ([DOI Direct Link](#))
- [Risk of Extended Viral Resistance in Human Immunodeficiency Virus-1-Infected Mozambican Children After First-Line Treatment Failure.](#)  
*BACKGROUND:: Resistant virus may be selected by sub-optimal control of...*13th November, 2009  
From the \*Pediatric Day Hospital at Maputo Central Hospital, Maputo- Pediatr Infect Dis J. 2009 Nov 10. ([DOI Direct Link](#))
- [The cost effectiveness of home-based provision of antiretroviral therapy in rural Uganda.](#)  
*Highly active antiretroviral therapy (HAART) provides dramatic health...*13th November, 2009  
Health Strategies International, Oakland, California, USA.- Appl Health Econ Health Policy. 2009;7(4):229-43. doi: ([DOI Direct Link](#))
- [\[Treatment of chronic hepatitis C in HIV-infected patients\]](#)  
*Since the pivotal trials conducted over the last few years which have used...*13th November, 2009  
Groupe Hospitalier Universitaire Est- Hopital Tenon - INSERM U 707,- Gastroenterol Clin Biol. 2009 Mar;33 Suppl 2:S97-S103. ([DOI Direct Link](#))
- [Construction and validation of a yeast model system for studying in vivo the susceptibility to nucleoside analogues of DNA polymerase gamma allelic variants.](#)  
*Mitochondrial dysfunctions have been observed in subjects treated with...*6th November, 2009  
Department of Genetics, Biology of Microorganisms, Anthropology,- Mitochondrion. 2009 Nov 1. ([DOI Direct Link](#))
- [Reflections: neurology and the humanities: reflections for October.](#)  
*ABSTRACT: OBJECTIVE: Our objective was to establish genotypic resistance...*5th November, 2009  
Michigan State University, International Neurologic & Psychiatric- Neurology. 2009 Oct 13;73(15):1245-6. ([DOI Direct Link](#))
- [PENTA 2009 guidelines for the use of antiretroviral therapy in paediatric HIV-1 infection.](#)  
*PENTA Guidelines aim to provide practical recommendations for treating...*3rd November, 2009  
Department of Paediatrics, Heartlands Hospital, Birmingham, UK.- HIV Med. 2009 Nov;10(10):591-613. ([DOI Direct Link](#))
- [Early nucleoside reverse transcriptase inhibitors for the treatment of HIV: A brief history of stavudine](#)

[\(D4T\) and its comparison with other dideoxynucleosides.](#)

*The occasion of this 25th anniversary issue encouraged us to reminisce...* 27th October, 2009  
Gilead Sciences, Inc., 333 Lakeside Drive, Foster City, CA 94404, United- Antiviral Res. 2009 Oct 23. ([DOI Direct Link](#))

- [Five-year follow up of genotypic resistance patterns in HIV-1 subtype C infected patients in Botswana after failure of thymidine analogue-based regimens.](#)  
*ABSTRACT: OBJECTIVE: Our objective was to establish genotypic resistance...* 27th October, 2009  
McGill University AIDS Centre, Jewish General Hospital, Montreal, Quebec,- J Int AIDS Soc. 2009 Oct 25;12(1):25. ([DOI Direct Link](#))
- [Assessment of neuropathic pain in primary care.](#)  
*Management of patients presenting with chronic pain is a common problem in...* 13th October, 2009  
Department of Neurosurgery, Helsinki University Central Hospital,- Am J Med. 2009 Oct;122(10 Suppl):S13-21. ([DOI Direct Link](#))
- [Combined effect of C-reactive protein and stavudine on adipogenesis.](#)  
*BACKGROUND: Subcutaneous fat wasting in HIV therapy is primarily...* 9th October, 2009  
Clinic for Immunology and Rheumatology, Hannover Medical School, Hannover,- Antivir Ther. 2009;14(6):819-29. ([DOI Direct Link](#))
- [Pharmacokinetics of nevirapine in HIV-infected children with and without malnutrition receiving divided adult fixed-dose combination tablets.](#)  
*OBJECTIVES: To determine the relationship between nutritional status and...* 9th October, 2009  
Department of Paediatrics, University of Malawi College of Medicine,- J Antimicrob Chemother. 2009 Dec;64(6):1251-9. Epub 2009 Oct 6. ([DOI Direct Link](#))
- [Mitochondrial DNA depletion and respiratory chain activity in primary human subcutaneous adipocytes treated with nucleoside-analogue reverse transcriptase inhibitors.](#)  
*Objective: Mitochondrial (mt) dysfunction as a consequence of mtDNA...* 7th October, 2009  
Clinic for Immunology and Rheumatology, Clinic for Paediatric Nephrology,- Antimicrob Agents Chemother. 2009 Oct 5. ([DOI Direct Link](#))
- [Varied Patterns of HIV-1 Drug Resistance on Failing First-Line Antiretroviral Therapy in South Africa.](#)  
*BACKGROUND:: The South African national antiretroviral therapy roll-out...* 6th October, 2009  
From the \*Department of Molecular Medicine and Hematology University of- J Acquir Immune Defic Syndr. 2009 Oct 1. ([DOI Direct Link](#))

## Stavudine Patents:



- 7582618- [2'-C-methyl-3'-O-L-valine ester ribofuranosyl cytidine for treatment of flaviviridae infections](#)
- 7592021- [Bioadhesive delivery system for transmucosal delivery of beneficial agents](#)
- 7592315- [Peptide viral entry inhibitors](#)
- 7592354- [Heterocyclic aromatic compounds useful as growth hormone secretagogues](#)
- 7592368- [Sulphonamide derivatives as prodrugs of aspartyl protease inhibitors](#)
- 7595038- [Methods of treatment using antibodies to follistatin-3](#)
- 7595298- [Polypeptides having anti-HIV activity and compositions comprising same](#)
- 7595324- [Substituted thieno\[3,2-D\]pyrimidines as HIV inhibitors](#)
- 7597886- [Tumor necrosis factor-gamma](#)
- 7598235- [Bile-acid conjugates for providing sustained systemic concentrations of drugs](#)

- [7598248- Certain 1H-imidazo\[4,5-b\]pyrazin-2\(3H\)-ones and 1H-imidazo\[4,5-b\]pyrazin-2-ols, compositions thereof, and methods for their use](#)
- [7592010- Albumin fusion proteins](#)
- [7589207- Cyclohexyl compounds as CCR5 antagonists](#)
- [7589204- Indane compounds as CCR5 antagonists](#)
- [7585515- Crosslinkable polymeric materials and their applications](#)
- [7585675- Inhibition of HIV and SHIV replication with antisense interleukin-4](#)
- [7585851- 3'-prodrugs of 2'-deoxy-.beta.-L-nucleosides](#)
- [7585861- HIV inhibiting 1,2,4-triazines](#)
- [7588885- Use of biocistronic DNA constructs for identifying compounds that inhibit IRES-dependent translation](#)
- [7589077- Antiviral nucleosides](#)
- [7589078- Anti-viral nucleoside analogs and methods for treating viral infections, especially HIV infections](#)
- [7589092- Prodrugs of heteroaryl compounds](#)
- [7589102- Heterocyclic aromatic compounds useful as growth hormone secretagogues](#)
- [7589184- Stable protein storage and stable nucleic acid storage in recoverable form](#)
- [7598348- Adiponectin receptor variant, AdipoR2v2](#)
- [7598380- Method of preparation of azaindole derivatives](#)
- [7608590- HCV NS-3 serine protease inhibitors](#)
- [7608599- Antiviral phosphoramidates](#)
- [7608726- Substituted indolepyridinium as anti-infective compounds](#)
- [7611704- Compositions and methods for treating viral infections using antibodies and immunoconjugates to aminophospholipids](#)
- [7612093- Compositions of treating hepatitis virus infections with N-substituted-1,5-dideoxy-1,5-imino-D-glucitol compounds in combination therapy](#)
- [7615223- Selected immunoconjugates for binding to aminophospholipids](#)
- [7615539- Nucleic acid-lipophilic conjugates](#)
- [7615542- Dioxolane thymine and combinations for use against 3TC/AZT resistant strains of HIV](#)
- [7615555- Piperidine derivatives as modulators of chemokine receptor CCR5](#)
- [7615639- 1-pyridyl-benzofuro\[3,2-b\]pyridin-2\(1H\)-ones](#)
- [7605236- Antibodies that immunospecifically bind to B lymphocyte stimulator protein](#)
- [7605144- Enzyme catalyzed therapeutic compounds](#)
- [7605138- Nucleic acid compositions for stimulating immune responses](#)
- [7601351- Antibodies against protective antigen](#)
- [7601355- Compositions and methods for altering immune function](#)
- [7601702- Dntpase Inhibitors](#)
- [7601703- Enzyme catalyzed therapeutic agents](#)
- [7601715- Process for preparing triazole substituted azaindoleoxoacetic piperazine derivatives and novel salt forms produced therein](#)
- [7601735- Antiviral compounds](#)
- [7601742- Pyrrolidones with anti-HIV activity](#)
- [7604797- Compositions and methods for treating burns](#)
- [7604804- Enhancing anti-HIV efficiency through multivalent inhibitors targeting oligomeric gp120](#)
- [7605135- Baicalin as a treatment for SARS infection](#)
- [7618970- 3-aminocyclopentanecarboxamides as modulators of chemokine receptors](#)

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