

reverse transcriptase inhibitors in pdf

The nucleoside reverse transcriptase inhibitors are analogues of precursors of the natural purines and pyrimidines involved in DNA transcription initiated by the virus. Zidovudine is an analogue of thymidine, emtricitabine and lamivudine are analogues of cytidine, and abacavir is an analogue of deoxyguanosine.

Reverse transcriptase inhibitors - an overview

Nucleoside reverse transcriptase inhibitors (NRTIs) block reverse transcriptase (an HIV enzyme). HIV uses reverse transcriptase to convert its RNA into DNA (reverse transcription). Blocking reverse transcriptase and reverse transcription prevents HIV from replicating.

Nucleoside Reverse Transcriptase Inhibitor (NRTI

Human immunodeficiency virus (HIV) type-1 non-nucleoside and nucleoside reverse transcriptase inhibitors (NNRTIs) are key drugs of highly active antiretroviral therapy (HAART) in the clinical management of acquired immune deficiency syndrome (AIDS)/HIV infection.

Non-nucleoside reverse transcriptase inhibitors: a review

Nucleoside analog reverse-transcriptase inhibitors (NARTIs or NRTIs) compose the first class of antiretroviral drugs developed. In order to be incorporated into the viral DNA, NRTIs must be activated in the cell by the addition of three phosphate groups to their deoxyribose moiety, to form NRTI triphosphates.

Reverse-transcriptase inhibitor - Wikipedia

The nucleoside reverse transcriptase inhibitors (NRTIs) are dideoxynucleosides that are competitive substrate inhibitors of reverse transcriptase. They are used in combination with other antiretroviral drugs for the treatment of AIDS and, in some cases, hepatitis B.

Reverse-transcriptase inhibitor - an overview

Reverse transcriptase is commonly used in research to apply the polymerase chain reaction technique to RNA in a technique called reverse transcription polymerase chain reaction (RT-PCR). The classical PCR technique can be applied only to DNA strands, but, with the help of reverse transcriptase, RNA can be transcribed into DNA, thus making PCR analysis of RNA molecules possible.

Reverse transcriptase - Wikipedia

Nucleoside Reverse Transcriptase Inhibitors (NRTIs or nukes) Treatment The first group of antiretroviral drugs is the nucleoside reverse transcriptase (pronounced "trans-krip-tase") inhibitors (NRTIs).

Nucleoside reverse transcriptase inhibitors (NRTIs or

Objectives: The introduction of two new non-nucleoside reverse transcriptase inhibitors (NNRTIs) in the past 5 years and the identification of novel NNRTI-associated mutations have made it necessary to reassess the extent of phenotypic NNRTI cross-resistance.

[Trend Trading for a Living, Chapter 14 - Options Strategies: Bearish Trends \(McGraw-Hill Finance & Investing\)](#) - [Trains: Legendary Journeys - Trek Coursebook 5: Primary Social Studies - Understanding Political World&Im Atlas Pkg](#) - [War: A Book of Mormon Perspective: How the War Chapters of the Book of Mormon Warn Against Wars of Aggression and the Warfare State - Wilfred Owen \(Border Lines\)](#) - [True Confessions of Nude Photography: A Step-By-Step Guide to Recruiting Beautiful Models, Lighting, Photographing Nudes, Post-Processing Images, and Maybe Even Getting Paid to Do It \(3rd Edition\)](#)[Step-By-Step Medical Coding - Using Application Software: PC Type, PC-Calc, PC-File, PC-DialUS Army, Technical Manual, TM 5-2815-240-34&P, ENGINE, DIESEL; LIQUID COOLED V-TYPE, EIGHT CYLINDER, CUMMINS MODEL V903C \(NSN 2815-01-225-83 \(THIS ITEM IS INCLUDED ON EM 0035\)\)](#) - [What young people need to do now to avoid becoming a Pension Refugee: Solution to remove anxiety from young people While it may come as a surprise anyone ... from ones working years](#)[What Does Peace Feel Like?](#)[What Does Polyamory Look Like?: Polydiverse Patterns of Loving and Living in Modern Polyamorous Relationships](#)[What Does Prayer Enable God to Do?: The Study of the Prayer Life of Jesus Christ](#)[What Do You Do with a Problem? - What God Wants You to Know and Why: The Most Emphasized Teachings of the Bible](#) - [Touch of Lightning: The Cavanaugh Sisters Trilogy \(The Cavanaugh Series #2\)](#)[The Cave and the Light: Plato Versus Aristotle, and the Struggle for the Soul of Western Civilization](#) - [Trippin' Cause His Love Got Me Faded 2](#)[Fade into You \(Fade, #1\)](#) - [Women of the Kalevala - Vocabulary Workshop: Enriched Edition, Teacher's Answer Key Level A \(Grade 6\) Test Booklets: Form A and B](#)[Vocabulary Workshop: Level F, Answer Key to Student Text, Enhanced Edition](#) - [Walshy's Fifty Shades of Blue - Word Smart Junior II: More Straight-A Vocabulary](#) - [Transcendental Meditation: How To Relax, How To Meditate, How To Relieve Stress in 20 Minutes](#) - [Tragedy: The Sad Ballad of the Gibb Brothers](#) - [Vampire Bites - Waning Moon \(The Chronicles of Lily Carmichael #1\)](#) - [Towards 2000: The World We Make](#) - [Weiss Ratings Guide to Banks, Fall 2016](#) - [Wisconsin 3rd Grade Math Flashcards: Common Core State Standards](#) - [True Ghost Stories and Hauntings to Give You Chills: Scary Stories to Tell in the Dark And Scare Your Friends with Illustrations and Creepy Pictures](#)[Ghost Plane: The True Story of the CIA Torture Program](#) - [Ultimate Bible Studies: Goliath \(Old Testament Bible Study Guides\)](#) - [Too Many Wives \(Charlie's Circle Book 5\)](#) - [Trendy Wendy: Only One More Shopping Day 'Til Tomorrow!](#) - [Where the Dead Men Lie: Tales of Graves, Pioneers and Old Bush Pubs](#) - [Tomorrow's Transportation: Changing Cities, Economies, And Lives \(Artech House Its Library\)](#)[The House Of Trembling Leaves](#) - [Visions of Heaven and Hell: What Men and Women Claim to Have Seen, in the World Beyond \(Classic Reprint\)](#) - [Toyota Prius: 2001 through 2008 \(Chilton's Total Car Care Repair Manuals\)](#)[Prius 2014 Owners Manual](#)[Prius 2014 Owners Manual](#)[Prius 2014 Owners Manual](#)[Toyota Prius Repair and Maintenance Manual](#) - [Trucos y consejos para estudiar](#) - [Trees Shrubs of British Columbia](#) - [Vw Golf And Bora 4 Cyl Petrol And Diesel Service And Repair Manual: 2001 2003 \(Haynes Service And Repair Manuals\)](#)[VW VR6 Engines, 2.8 and 2.9 Litre: For VW Golf III, Vento, Passat, Corrado, Sharan, Transporter T4 from 1996 and Ford Galaxy \(Engine Manual\)](#)[VW VR6 Engines, 2.8 and 2.9 Litre: For VW Golf III, Vento, Passat, Corrado, Sharan, Transporter T4 from 1996 and Ford Galaxy \(Engine Manual\)](#)[VW Golf, GTI, & Jetta, '99-'05](#) - [Vampire Kisses: Blood Relatives, Volume IV](#)[Vampire Kisses: The Beginning \(Vampire Kisses, #1-3\)](#) - [Wireless Internet Crash Course](#)[Wireless Java Programming with Java 2](#) - [Western Society: A Brief History, Volume 1: From Antiquity to Enlightenment](#)[The Enlightenment in America](#) -