

Penetration of Mouse Fibroblasts by the 5'-Phosphate of Incorporation of the Nucleotide into DNA

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Citation Report

#	ARTICLE	IF	CITATIONS
1	THE UTILIZATION OF NUCLEOTIDES BY ANIMAL CELLS. <i>Annals of the New York Academy of Sciences</i> , 1975, 255, 269-286.	1.8	57
2	Effect of 9- β -Arabinofuranosyladenine 5'-Monophosphate and 9- β -Arabinofuranosylhypoxanthine 5'-Monophosphate on Experimental Herpes Simplex Keratitis. <i>Antimicrobial Agents and Chemotherapy</i> , 1976, 10, 885-888.	1.4	14
3	Incorporation of deoxynucleotides into DNA by diethylaminoethyl-dextran-treated lymphocytes. <i>Biochemistry</i> , 1977, 16, 4470-4477.	1.2	16
4	9- β -d-Arabinofuranosyladenine as a tool to study herpes simplex virus DNA replication in vitro. <i>Virology</i> , 1977, 76, 787-796.	1.1	41
5	INHIBITION OF HERPESVIRUS DNA SYNTHESIS BY 9- β -D-ARABINOFURANOSYLADENINE IN CELLULAR AND CELL-FREE SYSTEMS. <i>Annals of the New York Academy of Sciences</i> , 1977, 284, 34-48.	1.8	117
6	INCREASED TOXICITY OF 9- β -D-ARABINOFURANOSYLADENINE IN THE PRESENCE OF AN INHIBITOR OF ADENOSINE DEAMINASE. <i>Annals of the New York Academy of Sciences</i> , 1977, 284, 91-102.	1.8	15
7	Penetration of mouse fibroblasts by 2'-deoxyadenosine 5'-phosphate and incorporation of the nucleotide into DNA. <i>Journal of Cellular Physiology</i> , 1977, 91, 261-270.	2.0	16
8	The mechanisms of lethal action of arabinosyl cytosine (araC) and arabinosyl adenine (araA). <i>Cancer</i> , 1977, 40, 509-518.	2.0	53
9	Novel application of sugar-borate complexation for separation of ribo-, 2'-deoxyribo-, and arabinonucleosides on cation-exchange resin. <i>Journal of Chromatography A</i> , 1978, 148, 545-548.	1.8	16
10	Synthesis and Biological Activity of N6- (n -Alkylureido) purine Ribonucleosides and Their 5'-Phosphates. <i>Journal of Pharmaceutical Sciences</i> , 1978, 67, 569-571.	1.6	5
11	Effects of nucleoside analogs on purine metabolism. <i>Pharmacology & Therapeutics</i> , 1978, 2, 751-769.	0.2	0
12	Iontophoretic Application of Adenine Arabinoside Monophosphate to Herpes Simplex Virus Type 1-Infected Hairless Mouse Skin. <i>Antimicrobial Agents and Chemotherapy</i> , 1978, 14, 605-608.	1.4	24
13	Erythro-9-(2-hydroxy-3-nonyl)adenine as a specific inhibitor of herpes simplex virus replication in the presence and absence of adenosine analogues.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1978, 75, 4684-4688.	3.3	46
14	Studies on the penetration of mammalian cells by deoxyribonucleoside-5'-phosphates. <i>Journal of Cellular Physiology</i> , 1979, 101, 251-259.	2.0	7
15	Naturally Occurring Nucleoside and Nucleotide Antibiotics. <i>Progress in Molecular Biology and Translational Science</i> , 1979, 22, 193-291.	1.9	64
16	Permeation of Nucleosides, Nucleic Acid Bases, and Nucleotides in Animal Cells. <i>Current Topics in Membranes and Transport</i> , 1980, 14, 225-330.	0.6	272
17	Vidarabine. <i>Drugs</i> , 1980, 20, 267-282.	4.9	87
18	Inhibition of hepatitis B virus deoxyribonucleic acid polymerase by the 5'-triphosphates of 9-beta-D-arabinofuranosyladenine and 1-beta-D-arabinofuranosylcytosine. <i>Antimicrobial Agents and Chemotherapy</i> , 1981, 19, 44-50.	1.4	17

#	ARTICLE	IF	CITATIONS
19	Effect of Liver Disease on Pharmacokinetics and Toxicity of 9- β -D-Arabinofuranosyladenine-5'-Phosphate. <i>Journal of Infectious Diseases</i> , 1981, 144, 358-364.	1.9	35
20	Neuronal phosphatase activities with ARA-AMP and ARA-ATP as substrates.. <i>Journal of Histochemistry and Cytochemistry</i> , 1981, 29, 693-702.	1.3	4
21	The Effects of 9- β -D-arabinofuranosyladenine on the Repair of DNA Strand Breaks in X-irradiated Ehrlich Ascites Tumour Cells. <i>International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine</i> , 1982, 42, 385-394.	1.0	41
22	Inhibition of salvage pathway enzymes by adenine arabinoside 5'-monophosphate (ara-AMP). <i>Klinische Wochenschrift</i> , 1983, 61, 751-757.	0.6	0
23	Comparison of the antiviral effects of 5-methoxy-methyldeoxyuridine-5'-monophosphate with adenine arabinoside-5'-monophosphate. <i>Antiviral Research</i> , 1983, 3, 161-174.	1.9	7
24	9- β -D-Arabinofuranosyladenine Increases the Frequency of X-ray Induced Chromosome Abnormalities in Mammalian Cells. <i>International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine</i> , 1983, 43, 459-464.	1.0	7
25	Effect of Eight Antiviral Drugs on the Reactivation of Herpes Simplex Virus in Explant Cultures of Latently Infected Mouse Trigeminal Ganglia. <i>Journal of Investigative Dermatology</i> , 1984, 83, 344-346.	0.3	4
26	The potential of nucleotide analogs as inhibitors of retroviruses and tumors. <i>Pharmaceutical Research</i> , 1984, 01, 11-18.	1.7	27
27	Virus drug-resistance: mechanisms and consequences. <i>Antiviral Research</i> , 1984, 4, 1-42.	1.9	114
28	New ara-C resistant mutants of the Chinese hamster ovary cells. <i>Genetical Research</i> , 1985, 45, 265-277.	0.3	3
29	DNA synthesis in promastigotes of <i>Leishmania major</i> and <i>L. donovani</i> . <i>Molecular and Biochemical Parasitology</i> , 1987, 22, 215-221.	0.5	13
30	Arabinofuranosyl nucleosides induce common fragile sites. <i>Human Genetics</i> , 1988, 79, 157-162.	1.8	4
31	Gene deletion, a mechanism of induced mutation by arabinosyl nucleosides. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1989, 210, 291-301.	0.4	27
32	Genetic traits. <i>Biology and Philosophy</i> , 1990, 5, 327-347.	0.7	70
33	Yet Another Nucleoside Analog for Pancreatic Cancer. <i>Gastroenterology</i> , 2011, 140, 400-404.	0.6	2
34	Reduced malignancy as a mechanism for longevity in mice with adenylyl cyclase type 5 disruption TM . <i>Aging Cell</i> , 2014, 13, 102-110.	3.0	15
35	The Mechanisms of Inhibition of Cellular and Viral Multiplication by Arabinucleosides and Arabinucleotides. , 1979, , 225-245.		3
36	9- β -D-Arabinofuranosyladenine (AraA). , 1979, , 85-109.		4

#	ARTICLE	IF	CITATIONS
37	Purines. Handbook of Experimental Pharmacology, 1982, , 117-136.	0.9	5
38	Chemotherapy of Ocular Viral Infections and Tumors. Handbook of Experimental Pharmacology, 1984, , 553-583.	0.9	1
39	Nucleotide analogue inhibitors of purine nucleoside phosphorylase.. Journal of Biological Chemistry, 1990, 265, 3066-3069.	1.6	27
40	Synthesis of viral and rRNA in bacteriophage R17 infection of a stringent strain of Escherichia coli. Journal of Virology, 1975, 15, 1176-1181.	1.5	3
41	Tetrahydrouridine specifically facilitates deoxycytidine incorporation into herpes simplex virus DNA. Journal of Virology, 1981, 37, 987-993.	1.5	8
42	Understanding Genetic Causation and its Implications for Ethical Issues Concerning Medical Genetics. Philosophy and Medicine, 2002, , 109-125.	0.3	1
43	Some Problems and Approaches in Viral and Cancer Chemotherapy**The author is an American Cancer Society Professor of Microbiology. The most recent work to which he will refer is supported by a grant AI-11636 from the National Institute of Allergy and Infectious Disease.. , 1977, , 313-328.		0
44	Nucleotides, Nucleoside Phosphate Diesters and Phosphonates as Antiviral and Antineoplastic Agents " An Overview. , 1979, , 481-498.		3