

Pan-Pathway Based Interaction Profiling of FDA-Approved Analogues with Enzymes of the Human Nucleotide Metabolism

PLoS ONE

7, e37724

DOI: [10.1371/journal.pone.0037724](https://doi.org/10.1371/journal.pone.0037724)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Brain nucleoside recycling. <i>Metabolomics</i> , 2013, 9, 271-279.	1.4	5
2	Inhibition of <i>Mycoplasma pneumoniae</i> growth by FDA-approved anticancer and antiviral nucleoside and nucleobase analogs. <i>BMC Microbiology</i> , 2013, 13, 184.	1.3	28
3	<i>Mycoplasma Pneumoniae</i> Thymidine Phosphorylase. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2014, 33, 296-304.	0.4	6
4	Non-Viral Deoxyribonucleoside Kinases – Diversity and Practical Use. <i>Journal of Genetics and Genomics</i> , 2015, 42, 235-248.	1.7	14
5	A ribonucleotide reductase inhibitor with deoxyribonucleoside-reversible cytotoxicity. <i>Molecular Oncology</i> , 2016, 10, 1375-1386.	2.1	17
6	Repurposing of nucleoside- and nucleobase-derivative drugs as antibiotics and biofilm inhibitors. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 2156-2170.	1.3	61
7	Nucleobase deaminases: a potential enzyme system for new therapies. <i>RSC Advances</i> , 2018, 8, 23567-23577.	1.7	10
8	Structural Determinants for Substrate Selectivity in Guanine Deaminase Enzymes of the Amidohydrolase Superfamily. <i>Biochemistry</i> , 2019, 58, 3280-3292.	1.2	16
9	DNA triplex with conformationally locked sugar disintegrates to duplex: Insights from molecular simulations. <i>Biochemical and Biophysical Research Communications</i> , 2020, 532, 662-667.	1.0	15
10	Marshall's nucleic acid: From double-helical structure to a potent intercalator. <i>Biophysical Chemistry</i> , 2021, 269, 106525.	1.5	6
11	Symmetric Nucleosides as Potent Purine Nucleoside Phosphorylase Inhibitors. <i>Journal of Physical Chemistry B</i> , 2021, 125, 2856-2862.	1.2	11
12	Real-Time Monitoring of Human Guanine Deaminase Activity by an Emissive Guanine Analog. <i>ACS Chemical Biology</i> , 2021, 16, 1208-1214.	1.6	9
15	Bicyclo-DNA mimics with enhanced protein binding affinities: insights from molecular dynamics simulations. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, , 1-8.	2.0	3
16	Nucleotide(s)-mediated simultaneous N, P co-doped reduced graphene oxide (N, P-rGO) porous nanohybrids as high-performance electrode materials for designing sustainable binder-free high-voltage (2.8 V) aqueous symmetric supercapacitors and electrochemical sensors. <i>Sustainable Energy and Fuels</i> , 2022, 6, 4169-4182.	2.5	1
17	Harmonizing Interstrand Electrostatic Repulsion by Conformational Rigidity in Counterion-Deprived Z-DNA: A Molecular Dynamics Study. <i>Journal of Physical Chemistry B</i> , 2022, 126, 9956-9963.	1.2	1