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On the interaction of copper(II) with disulfiram

DOI: 10.1039/c4cc04767b

Chemical Communications, 2014, 50, 13334-7.

Source: <https://exaly.com/paper-pdf/59187203/citation-report.pdf>

Version: 2024-04-19

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#	Paper	IF	Citations
78	Antiproliferative and Antioxidant Activity of Glycoconjugates of Dithiocarbamates and Their Copper(II) and Zinc(II) Complexes. <i>ChemPlusChem</i> , 2015 , 80, 1786-1792	2.8	8
77	Disulfiram and Copper Ions Kill Mycobacterium tuberculosis in a Synergistic Manner. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 4835-44	5.9	47
76	Pentanuclear 3d-4f Heterometal Complexes of M(II)3Ln(III)2 (M = Ni, Cu, Zn and Ln = Nd, Gd, Tb) Combinations: Syntheses, Structures, Magnetism, and Photoluminescence Properties. <i>Inorganic Chemistry</i> , 2015 , 54, 9715-26	5.1	53
75	The cytotoxic mechanisms of disulfiram and copper(ii) in cancer cells. <i>Toxicology Research</i> , 2015 , 4, 1439-1442	1.442	46
74	Delivery of disulfiram into breast cancer cells using folate-receptor-targeted PLGA-PEG nanoparticles: in vitro and in vivo investigations. <i>Journal of Nanobiotechnology</i> , 2016 , 14, 32	9.4	79
73	Stable loading and delivery of disulfiram with mPEG-PLGA/PCL mixed nanoparticles for tumor therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016 , 12, 377-86	6	53
72	Metal-binding effects of sirtuin inhibitor sirtinol. <i>Supramolecular Chemistry</i> , 2016 , 28, 108-116	1.8	3
71	Cancer cell-selective killing polymer/copper combination. <i>Biomaterials Science</i> , 2016 , 4, 115-20	7.4	13
70	Copper and Antibiotics: Discovery, Modes of Action, and Opportunities for Medicinal Applications. <i>Advances in Microbial Physiology</i> , 2017 , 70, 193-260	4.4	51
69	Mononuclear Dy(III) complex based on bipyridyl-tetrazolate ligand with field-induced single-ion magnet behavior and luminescent properties. <i>Inorganic Chemistry Communication</i> , 2017 , 79, 41-45	3.1	9
68	3d-4f heterometallic trinuclear complexes derived from amine-phenol tripodal ligands exhibiting magnetic and luminescent properties. <i>Dalton Transactions</i> , 2017 , 46, 1153-1162	4.3	61
67	A Perspective - can copper complexes be developed as a novel class of therapeutics?. <i>Dalton Transactions</i> , 2017 , 46, 10758-10773	4.3	97
66	Anticancer copper pyridine benzimidazole complexes: ROS generation, biomolecule interactions, and cytotoxicity. <i>Journal of Inorganic Biochemistry</i> , 2017 , 167, 89-99	4.2	67
65	Poly lactic-co-glycolic acid controlled delivery of disulfiram to target liver cancer stem-like cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017 , 13, 641-657	6	45
64	Development and optimization of an injectable formulation of copper diethyldithiocarbamate, an active anticancer agent. <i>International Journal of Nanomedicine</i> , 2017 , 12, 4129-4146	7.3	37
63	Development of a copper-cloiquinol formulation suitable for intravenous use. <i>Drug Delivery and Translational Research</i> , 2018 , 8, 239-251	6.2	20
62	Investigation of the key chemical structures involved in the anticancer activity of disulfiram in A549 non-small cell lung cancer cell line. <i>BMC Cancer</i> , 2018 , 18, 753	4.8	24

61	Leveraging β Glutamyl Transferase To Direct Cytotoxicity of Copper Dithiocarbamates against Prostate Cancer Cells. <i>Angewandte Chemie</i> , 2018 , 130, 12962-12966	3.6	4
60	Leveraging β Glutamyl Transferase To Direct Cytotoxicity of Copper Dithiocarbamates against Prostate Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 12780-12784	16.4	31
59	The Next Generation of Anticancer Metallopharmaceuticals: Cancer Stem Cell-Active Inorganics. <i>ChemBioChem</i> , 2018 , 19, 2246-2253	3.8	31
58	Combination Therapy with Disulfiram, Copper, and Doxorubicin for Osteosarcoma: Support for a Novel Drug Repurposing Strategy. <i>Sarcoma</i> , 2019 , 2019, 1320201	3.1	7
57	Enhanced Tumor-Specific Disulfiram Chemotherapy by Cu Chelation-Initiated Nontoxicity-to-Toxicity Transition. <i>Journal of the American Chemical Society</i> , 2019 , 141, 11531-11539	16.4	134
56	Enhanced Copper-Temozolomide Interactions by Protein for Chemotherapy against Glioblastoma Multiforme. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 41935-41945	9.5	9
55	An atom efficient, single-source precursor route to plasmonic CuS nanocrystals. <i>Nanoscale Advances</i> , 2019 , 1, 522-526	5.1	9
54	Multifunctional Lanthanide Complexes Based on Tetraazacyclolamidophenol Ligand with Field-Induced Slow Magnetic Relaxation, Luminescent and SHG Properties. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 1406-1412	2.3	5
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52	A dithiocarbamate-based HO-responsive prodrug for combinational chemotherapy and oxidative stress amplification therapy. <i>Chemical Communications</i> , 2019 , 55, 13896-13899	5.8	29
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49	Apo ferritin as a Carrier of Cu(II) Diethyldithiocarbamate and Biomedical Application for Glutathione-Responsive Combination Chemotherapy.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 654-663	4.1	9
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45	Copper-Enriched Prussian Blue Nanomedicine for In Situ Disulfiram Toxicification and Photothermal Antitumor Amplification. <i>Advanced Materials</i> , 2020 , 32, e2000542	24	54
44	In vivo formation of Cu(DDC)2 complex induced by nanomedicine for mesothelioma chemotherapy. <i>Chinese Chemical Letters</i> , 2020 , 31, 3168-3172	8.1	5

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42	N-Oxide polymer-cupric ion nanogels potentiate disulfiram for cancer therapy. <i>Biomaterials Science</i> , 2020 , 8, 1726-1733	7.4	5
41	Dithiocarbamate prodrugs activated by prostate specific antigen to target prostate cancer. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127148	2.9	5
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39	Tumor-responsive copper-activated disulfiram for synergetic nanocatalytic tumor therapy. <i>Nano Research</i> , 2021 , 14, 205-211	10	15
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36	Biomimetic camouflage delivery strategies for cancer therapy. <i>Nanoscale</i> , 2021 , 13, 8693-8706	7.7	3
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34	Dual Action of Acidic Microenvironment on the Enrichment of the Active Metabolite of Disulfiram in Tumor Tissues. <i>Drug Metabolism and Disposition</i> , 2021 , 49, 434-441	4	2
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32	Smart responsive nanoplatfom via in situ forming disulfiram-copper ion chelation complex for cancer combination chemotherapy. <i>Chemical Engineering Journal</i> , 2021 , 415, 128947	14.7	14
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23	Recent Advances in Antabuse (Disulfiram): The Importance of its Metal-binding Ability to its Anticancer Activity. <i>Current Medicinal Chemistry</i> , 2018 , 25, 506-524	4.3	40
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13	Copper (IV)-platinum-loaded nanogels as an adjuvant potentiate disulfiram's antitumor efficacy.. <i>Biomaterials Science</i> , 2022 ,	7.4	0
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- 3 Disulfiram: Mechanisms, Applications, and Challenges. **2023**, 12, 524 ○
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- 1 Antioxidant 1 copper chaperone gene expression and copper levels in dog osteosarcoma patients. ○