

CITATION REPORT

List of articles citing

2,2'-Bipyridinebutyldithiocarbamatoplatinum(II) and palladium(II) complexes: synthesis, characterization, cytotoxicity, and rich DNA-binding studies

DOI: 10.1016/j.bmc.2008.08.021

Bioorganic and Medicinal Chemistry, 2008, 16, 9616-25.

Source: <https://exaly.com/paper-pdf/43507924/citation-report.pdf>

Version: 2024-04-26

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

| # | Paper | IF | Citations |
|-----|---|-----|-----------|
| 105 | Spectroscopic studies on the interaction of morinEu(III) complex with calf thymus DNA. <i>Journal of Molecular Structure</i> , 2009 , 923, 114-119 | 3.4 | 82 |
| 104 | Investigation on the interaction of newly designed anticancer Pd(II) complexes with different aliphatic tails and human serum albumin. 2009 , 113, 14035-42 | | 93 |
| 103 | DNA Binding Studies and Cytotoxicity of Ethylenediamine 8-Hydroxyquinolinato Palladium(II) Chloride. 2010 , 57, 1299-1308 | | 16 |
| 102 | Interaction studies between a 1,10-phenanthroline adduct of palladium(II) dithiocarbamate anti-tumor complex and calf thymus DNA. A synthesis spectral and in-vitro study. 2010 , 77, 312-8 | | 49 |
| 101 | Bis(saccharinato)palladium(II) and platinum(II) complexes with 2,2'-bipyridine: Syntheses, structures, spectroscopic, fluorescent and thermal properties. 2010 , 29, 1285-1290 | | 39 |
| 100 | Potent inhibitory effects of benzyl and p-xylylidine-bis dithiocarbamate sodium salts on activities of mushroom tyrosinase. 2010 , 25, 272-281 | | 16 |
| 99 | Biological evaluation and interaction of a newly designed anti-cancer Pd(II) complex and human serum albumin. 2011 , 29, 283-96 | | 21 |
| 98 | Binding studies of a novel antitumor palladium(II) complex to calf thymus DNA. 2011 , 30, 405-22 | | 13 |
| 97 | Study on interaction of DNA from calf thymus with 1,10-phenanthrolinehexyldithiocarbamatopalladium(II) nitrate as potential antitumor agent. 2011 , 28, 805-14 | | 15 |
| 96 | Titanocene-phosphine derivatives as precursors to cytotoxic heterometallic TiAu ₂ and TiM (M = Pd, Pt) compounds. Studies of their interactions with DNA. 2011 , 50, 11099-110 | | 68 |
| 95 | Crystalline O,O'-di-sec-butyl and O,O'-diethyl dithiophosphate platinum(II) complexes: Synthesis, ¹³ C and ³¹ P CP/MAS NMR, single crystal X-ray diffraction studies and thermal behaviour. 2011 , 30, 2210-2217 | | 18 |
| 94 | Polyfluorinated bipyridine cisplatin manipulate cytotoxicity through the induction of S-G2/M arrest and partial intercalation mechanism. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 4887-94 | 3.4 | 15 |
| 93 | Absorption spectroscopic probe to investigate the interaction between Nd(III) and calf-thymus DNA. 2011 , 78, 1180-6 | | 17 |
| 92 | DNA Binding and Antitumor Activity of Diimineplatinum(II) and Palladium(II) Dithiocarbamate Complexes. 2011 , 2011, 394506 | | 31 |
| 91 | Synthesis and crystal structure of a Schiff base derived from two similar pyrazolone rings and its rare earth complexes: DNA-binding and antioxidant activity. 2012 , 65, 3805-3820 | | 16 |
| 90 | Organometallic Palladium Complexes with a Water-Soluble Iminophosphorane Ligand as Potential Anticancer Agents. 2012 , 31, 5772-5781 | | 62 |
| 89 | DNA-binding, spectroscopic and antimicrobial studies of palladium(II) complexes containing 2,2'-bipyridine and 1-phenylpiperazine. 2012 , 96, 586-93 | | 27 |

| | | | |
|----|---|-----|----|
| 88 | Cytotoxic hydrophilic iminophosphorane coordination compounds of d ¹⁰ metals. Studies of their interactions with DNA and HSA. 2012 , 116, 204-14 | | 46 |
| 87 | Synthesis, crystal structure, optical properties, DNA-binding and cell imaging of an organic chromophore. 2012 , 92, 689-695 | | 11 |
| 86 | Spectroscopic investigations of interactions between Hematoxylin-Ag ⁺ complex and Herring-sperm DNA with the aid of the acridine orange probe. <i>Journal of Molecular Structure</i> , 2012 , 1010, 73-78 | 3-4 | 16 |
| 85 | New dimeric and supramolecular mixed ligand Palladium(II) dithiocarbamates as potent DNA binders. 2012 , 39, 1-8 | | 17 |
| 84 | Physicochemical studies on the interaction of gold(III) trichlorophenanthridine complex with calf thymus DNA. 2013 , 144, 1499-1505 | | 8 |
| 83 | Novel 2,2'-bipyridine palladium(II) complexes with glycine derivatives: synthesis, characterization, cytotoxic assays and DNA-binding studies. 2013 , 10, 1001-1011 | | 10 |
| 82 | Synthesis of [PtCl ₂ (4,4'-dialkoxy-2,2'-bipyridine)] complexes and their in vitro anticancer properties. 2013 , 5, 973-87 | | 5 |
| 81 | Promising anti-growth effects of palladium(II) saccharinate complex of terpyridine by inducing apoptosis on transformed fibroblasts in vitro. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 4698-705 | 3-4 | 47 |
| 80 | Synthesis, characterization, and cytotoxicity studies of a novel palladium(II) complex and evaluation of DNA-binding aspects. 2013 , 32, 366-88 | | 12 |
| 79 | Kinetics and mechanism for the substitution reactions of monoaquamonochloro-(piperazine) palladium (II) complex with L-methionine and thiourea in aqueous solution. 2013 , 125, 643-651 | | 2 |
| 78 | Anticancer metallopharmaceutical agents based on mixed-ligand palladium(II) complexes with dithiocarbamates and tertiary organophosphine ligands. 2013 , 27, 387-395 | | 28 |
| 77 | Spectroscopic Investigation on the Binding of the Antitumoral Pd(II) Complex to Human Serum Albumin. 2013 , 60, 133-139 | | 9 |
| 76 | Cytotoxic Effects of Newly Synthesized Palladium(II) Complexes of Diethyldithiocarbamate on Gastrointestinal Cancer Cell Lines. 2014 , 2014, 813457 | | 22 |
| 75 | Enhanced anti-cancer efficacy to cancer cells by doxorubicin loaded water-soluble amino acid-modified β -cyclodextrin platinum complexes. 2014 , 137, 31-9 | | 10 |
| 74 | Spectroscopic and theoretical investigation of oxali-palladium interactions with β -lactoglobulin. 2014 , 118, 1038-46 | | 95 |
| 73 | Synthesis, characterization, anticancer activity and DNA interaction studies of new 2-aminobenzothiazole complexes; crystal structure and DFT calculations of [Ag(Habt) ₂]ClO ₄ . 2014 , 423, 242-255 | | 31 |
| 72 | DNA binding studies of hematoxylin-Dy(III) complex by spectrometry using acridine orange as a probe. 2014 , 33, 730-45 | | 5 |
| 71 | DNA binding and antibacterial properties of ternary lanthanide complexes with salicylic acid and phenanthroline. 2014 , 28, 162-168 | | 18 |

| | | |
|----|--|--------|
| 70 | Ruthenium(III) S-methylisothiosemicarbazone Schiff base complexes bearing PPh ₃ /AsPh ₃ coligand: synthesis, structure and biological investigations, including antioxidant, DNA and protein interaction, and in vitro anticancer activities. 2014 , 138, 63-74 | 32 |
| 69 | Spectroscopic and Molecular Dynamics Studies on Binding of Dimethylplatinum(II) Complex Drug to Human Serum Albumin. 2014 , 87, 1094-1100 | 2 |
| 68 | Heteroleptic Pd(II) dithiocarbamates: synthesis, characterization, packing and in vitro anticancer activity against HeLa cell line. 2015 , 68, 2539-2551 | 18 |
| 67 | Interactions of an anticancer drug Formestane with single and double stranded DNA at physiological conditions. 2015 , 149, 27-36 | 21 |
| 66 | Design, synthesis and in vitro cytotoxicity of novel dinuclear platinum(II) complexes with a tetradentate carrier ligand. 2015 , 29, 138-142 | 5 |
| 65 | Addition of niclosamide to palladium(II) saccharinate complex of terpyridine results in enhanced cytotoxic activity inducing apoptosis on cancer stem cells of breast cancer. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 5580-6 | 3-4 25 |
| 64 | Interaction of three new tetradentates Schiff bases containing N ₂ O ₂ donor atoms with calf thymus DNA. 2015 , 77, 193-202 | 13 |
| 63 | Synthesis, characterization, spectroscopy, cytotoxic activity and molecular dynamic study on the interaction of three palladium complexes of phenanthroline and glycine derivatives with calf thymus DNA. 2015 , 430, 144-160 | 35 |
| 62 | Fluorescent studies on the interaction of DNA and ternary lanthanide complexes with cinnamic acid-phenanthroline and antibacterial activities testing. 2015 , 30, 131-6 | 18 |
| 61 | Noble metals in medicine: Latest advances. 2015 , 284, 329-350 | 478 |
| 60 | Structure Effect of Some New Anticancer Pt(II) Complexes of Amino Acid Derivatives with Small Branched or Linear Hydrocarbon Chains on Their DNA Interaction. 2016 , 88, 76-87 | 23 |
| 59 | Anticancer activity, DNA-binding and DNA-denaturing aptitude of palladium(II) dithiocarbamates. 2016 , 451, 31-40 | 54 |
| 58 | Organo Sn(IV) and Pd(II) complexes with various oxygen and sulphur donor ligands: Synthesis, spectroscopy and biological activity. 2016 , 86, 2914-2923 | 1 |
| 57 | Eco-sustainable synthesis and biological evaluation of 2-phenyl 1,3-benzodioxole derivatives as anticancer, DNA binding and antibacterial agents. 2016 , 9, S1875-S1883 | 10 |
| 56 | Rich spectroscopic and molecular dynamic studies on the interaction of cytotoxic Pt(II) and Pd(II) complexes of glycine derivatives with calf thymus DNA. 2016 , 34, 206-22 | 27 |
| 55 | Palladium complexes: new candidates for anti-cancer drugs. 2016 , 13, 967-989 | 42 |
| 54 | Comprehensive review on tumour active palladium compounds and structure-activity relationships. 2016 , 316, 36-67 | 73 |
| 53 | Synthesis, DNA-binding properties and cytotoxicity evaluation of two copper(II) complexes based on curcumin. 2016 , 41, 331-337 | 3 |

| | | |
|----|---|--------|
| 52 | Synthesis, characterization and DNA interaction studies of new complexes containing 2-mercaptobenzothiazole and different dinitrogen or phosphorous aromatic donors. 2016 , 441, 20-33 | 28 |
| 51 | Synthesis, cytotoxicity assessment, and interaction and docking of novel palladium(II) complexes of imidazole derivatives with human serum albumin. 2016 , 34, 1751-62 | 28 |
| 50 | Investigation of the Binding Behavior between the S-heterocyclic Aromatic Palladium(II) Complex and Human Serum Albumin: Spectroscopic Approach. 2016 , 36, 40-57 | 6 |
| 49 | Refolding and unfolding of CT-DNA by newly designed Pd(II) complexes. Their synthesis, characterization and antitumor effects. 2017 , 99, 319-334 | 13 |
| 48 | Synthesis and electronic structure of novel Schiff bases Ni/Cu (II) complexes: Evaluation of DNA/serum protein binding by spectroscopic studies. 2017 , 129, 1-8 | 32 |
| 47 | DNA as a Target for Anticancer Phen-Imidazole Pd(II) Complexes. 2017 , 182, 110-127 | 17 |
| 46 | Controllable synthesis and characterisation of palladium (II) anticancer complex-loaded colloidal gelatin nanoparticles as a novel sustained-release delivery system in cancer therapy. 2017 , 11, 591-596 | 3 |
| 45 | Mononuclear Pd(II) complex as a new therapeutic agent: Synthesis, characterization, biological activity, spectral and DNA binding approaches. <i>Journal of Molecular Structure</i> , 2017 , 1148, 339-346 | 3-4 16 |
| 44 | Synthesis of PdO nanoparticles: Crystal structure, DNA binding, and cytotoxicity of a new hydroxyl-quinolinato-palladium complex. 2017 , 47, 500-508 | 4 |
| 43 | 2,2'Qbipyridine coplanar with coordination square of Pd(II) nonylidithiocarbamate antitumor complex interacting with DNA in two distinct steps. 2017 , 35, 2301-2313 | 7 |
| 42 | Anti-angiogenic effect of a Palladium(II)-Saccharinate Complex of Terpyridine in vitro and in vivo. 2017 , 109, 26-33 | 6 |
| 41 | Multinuclear (Sn/Pd) complexes with disodium 2,2'-(dithiocarboxyazanediyl)diacetate hydrate; Synthesis, characterization and biological activities. 2017 , 70, 4070-4092 | 2 |
| 40 | Spectroscopic investigation, DFT calculations and cytotoxic activity of a 1-amino-1,3-dihydrospiro[imidazoline-4,2-indene]-2,5-dione and its platinum and palladium complexes. 2017 , 2016, 235-246 | |
| 39 | Spectroscopic and spectrophotometric studies on hydrogen bonded charge transfer complex of 2-amino-4-methylthiazole with chloranilic acid at different temperatures. 2018 , 262, 514-526 | 27 |
| 38 | Homobimetallic (Sn,Sn) Complexes with [2-Dithiocarboxy(methyl)amino]acetic Acid: Synthesis, Characterization and Biological Studies. 2018 , 42, 1277-1284 | 4 |
| 37 | Synthesis, characterization, DNA and HSA binding studies of isomeric Pd (II) antitumor complexes using spectrophotometry techniques. 2018 , 36, 1329-1350 | 17 |
| 36 | Cooperativity effect involving drug-DNA/RNA intermolecular interaction: A B3LYP-D3 and MP2 theoretical investigation on ketoprofen?cytosine?HO system. 2018 , 36, 3587-3606 | 3 |
| 35 | Immobilization of methotrexate anticancer drug onto the graphene surface and interaction with calf thymus DNA and 4T1 cancer cells. 2018 , 119, 1-9 | 18 |

| | | | |
|----|---|-----|----|
| 34 | Theoretical investigation into the cooperativity effect between the intermolecular π - π and H-bonding interactions in the curcumin-tytosine-H ₂ O system. 2018 , 24, 298 | | 2 |
| 33 | Biological effect and molecular docking of anticancer palladium and platinum complexes with morpholine dithiocarbamate on human serum albumin as a blood carrier protein. 2018 , 96, 1276-1285 | | 5 |
| 32 | DNA interaction and anticancer evaluation of new palladium(II), platinum(II) and silver(I) complexes based on (R)- and (S)-1,2-bis-(1H-benzimidazol-2-yl)-1,2-ethanediol enantiomers. 2018 , 154, 156-172 | | 9 |
| 31 | Biological evaluations of newly-designed Pt(II) and Pd(II) complexes using spectroscopic and molecular docking approaches. 2019 , 37, 3422-3433 | | 6 |
| 30 | Novel Cr (III), Fe (III) and Ru (III) Vanillin Based Metallo-Pharmaceuticals for Cancer and Inflammation Treatment: Experimental and Theoretical Studies. 2019 , 33, e5177 | | 9 |
| 29 | Bimetallic DppfM(II) (M = Pt and Pd) dithiocarbamate complexes: Synthesis, characterization, and anticancer activity. 2019 , 43, 437-442 | | 7 |
| 28 | Luminescent Palladacycles Containing a Pyrene Chromophor; Synthesis, Biological and Computational Studies of the Interaction with DNA and BSA. 2019 , 4, 5126-5137 | | 6 |
| 27 | Cooperativity effect of the π - π interaction between drug and DNA on intercalative binding induced by H-bonds: a QM/QTAIM investigation of the curcumin-adenine-H ₂ O model system. 2019 , 21, 11871-11882 | | 1 |
| 26 | Nonionic but water soluble, [Glycine-Pd-Alanine] and [Glycine-Pd-Valine] complexes. Their synthesis, characterization, antitumor activities and rich DNA/HSA interaction studies. 2019 , 37, 3566-3582 | | 18 |
| 25 | Some new anticancer platinum complexes of dithiocarbamate derivatives against human colorectal and pancreatic cell lines. 2020 , 38, 2215-2228 | | 12 |
| 24 | Theoretical and experimental study of gold(III), palladium(II), and platinum (II) complexes with 3-((4-nitrophenyl)thio)phenylcyanamide and 2,2'-bipyridine ligands: Cytotoxic activity and interaction with 9-methylguanine. 2020 , 499, 119211 | | 4 |
| 23 | Arsenic(III) mixed derivatives having oximes and morpholinedithiocarbamate along with their cytotoxic, antimicrobial, and antioxidant studies. 2020 , 34, e22581 | | |
| 22 | 3-Methyl-4-thio-1H-tetrahydropyranspiro-5- β -hydantoin platinum complex as a novel potent anticancer agent and xanthine oxidase inhibitor. 2020 , 353, e2000039 | | 3 |
| 21 | Synthesis, characterization, DNA binding, cytotoxicity, and molecular docking approaches of Pd(II) complex with N,O- donor ligands as a novel potent anticancer agent. <i>Journal of Molecular Structure</i> , 2020 , 1215, 128212 | 3-4 | 10 |
| 20 | DNA interaction and anticancer evaluation of new adenine complexes in presence of N, N-donors as secondary chelate. <i>Journal of Molecular Structure</i> , 2021 , 1223, 128976 | 3-4 | 1 |
| 19 | Protein interaction and in vitro cytotoxicity studies of newly designed palladium (II) nitrate complexes: spectrochemical, theoretical and biological assessments. 2021 , 18, 873-886 | | 1 |
| 18 | Synthesis and structural characterization of a palladium complex as an anticancer agent, and a highly efficient and reusable catalyst for the Heck coupling reaction under ultrasound irradiation: A convenient sustainable green protocol. 2021 , 194, 114924 | | 2 |
| 17 | Preparation, characterization, DNA/BSA interaction and computational binding analyses of a dinuclear, biopotency Pd+2 coordinated with 1,4-phenylenediamine and ethylenediamine as ligands. 2021 , 18, 1147-1166 | | 2 |

| | | | |
|----|---|-----|----|
| 16 | New anticancer Pd and Pt complexes of tertamyl dithiocarbamate and DACH ligands against HT29 and Panc1 cell lines. 2021 , 1-11 | | 1 |
| 15 | Simultaneous delivery of oxali-palladium and iron nanoparticles by Etasein. 2021 , 333, 115999 | | 2 |
| 14 | A new palladium-based antiproliferative agent: synthesis, characterization, computational calculations, cytotoxicity, and DNA binding properties. 2021 , 34, 1173-1189 | | 0 |
| 13 | Pd(II) complexes with chelating N-(1-alkylpyridin-4(1H)-ylidene)amide (PYA) ligands: Synthesis, characterization and evaluation of anticancer activity. 2021 , 224, 111590 | | 1 |
| 12 | A Thermodynamic Study of New Designed Complex of Ethylenediamine 8-Hydroxyquinolinato Palladium(II) Chloride with Calf Thymus DNA. 2009 , 30, 1951-1955 | | 15 |
| 11 | Interaction Studies of a Novel, Water-Soluble and Anti-Cancer Palladium(II) Complex with Calf Thymus DNA. 2010 , 31, 435-441 | | 17 |
| 10 | DNA-Binding and Thermodynamic Parameters, Structure and Cytotoxicity of Newly Designed Platinum(II) and Palladium(II) Anti-Tumor Complexes. 2011 , 32, 947-955 | | 9 |
| 9 | The Effect of Exchange and Correlation on Properties of Carbon Nanotube Structure: A DFT study. 2011 , 55, 7-13 | | 5 |
| 8 | DNA Binding Studies and Cytotoxicity of the Novel 1,10-phenanthroline Palladium(II) Complexes of Dithiocarbamate Derivatives. 2011 , 55, 70-80 | | 2 |
| 7 | Investigation of effects of newly synthesized Pt(II) complex against human serum albumin and leukemia cell line of K562. 2010 , 43, 766-771 | | 28 |
| 6 | The susceptibility of human hepatoma-derived oval-like cells to hepatitis B virus infection. 2018 , 11, 4414-4422 | | |
| 5 | Diverse coordination of dipicolinic acid to Pd(II) ion result antitumor complexes, their interaction with CT-DNA by spectroscopic experiments and computational methods. <i>Journal of Molecular Structure</i> , 2022 , 1261, 132937 | 3.4 | 0 |
| 4 | Synthesis, spectroscopic, anti-bacterial activity, molecular docking, ADMET, toxicity and DNA binding studies of divalent metal complexes of pyrazole-3-one azo ligand. <i>Journal of Molecular Structure</i> , 2022 , 1264, 133252 | 3.4 | 1 |
| 3 | Electrochemical investigation of DNA-metal complex interactions and development of a highly sensitive electrochemical biosensor. <i>Analytical Biochemistry</i> , 2022 , 652, 114738 | 3.1 | 0 |
| 2 | New anticancer potential Pt complex with tertamyl dithiocarbamate ligand: Synthesis, DNA targeting behavior, molecular dynamic, and biological activity. 2023 , 379, 121651 | | 0 |
| 1 | Spectroscopy, docking and molecular dynamics studies on the interaction between cis and trans palladium-alanine complexes with calf-thymus DNA and antitumor activities. 1-24 | | 0 |