

The Next Generation of Platinum Drugs: Targeted Pt(II) Pt(IV) Prodrugs

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Ursolic acid sensitizes cisplatin-resistant HepG2/DDP cells to cisplatin via inhibiting Nrf2/ARE pathway. <i>Drug Design, Development and Therapy</i> , 2016, Volume 10, 3471-3481.	2.0	38
2	In vitro evaluation of folic acid-conjugated redox-responsive mesoporous silica nanoparticles for the delivery of cisplatin. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 6251-6265.	3.3	35
3	The Platin-X series: activation, targeting, and delivery. <i>Dalton Transactions</i> , 2016, 45, 12992-13004.	1.6	88
4	Target Delivery of a Novel Antitumor Organoplatinum(IV)-Substituted Polyoxometalate Complex for Safer and More Effective Colorectal Cancer Therapy In Vivo. <i>Advanced Materials</i> , 2016, 28, 7397-7404.	11.1	76
5	Poly[platinum(IV)-alt-PEI]/Akt1 shRNA complexes for enhanced anticancer therapy. <i>RSC Advances</i> , 2016, 6, 65854-65865.	1.7	2
6	An upconversion nanoplatform for simultaneous photodynamic therapy and Pt chemotherapy to combat cisplatin resistance. <i>Dalton Transactions</i> , 2016, 45, 13052-13060.	1.6	58
7	Peptide-mediated vectorization of metal complexes: conjugation strategies and biomedical applications. <i>Dalton Transactions</i> , 2016, 45, 12970-12982.	1.6	37
8	Linker design for the modular assembly of multifunctional and targeted platinum(IV)-containing anticancer agents. <i>Dalton Transactions</i> , 2016, 45, 13104-13113.	1.6	8
9	Anticancer activity of a chelating nitrogen mustard bearing tetrachloridoplatinum(IV) complex: better stability yet equipotent to the Pt(II) analogue. <i>Dalton Transactions</i> , 2016, 45, 11710-11722.	1.6	21
10	Spin-labelled photo-cytotoxic diazido platinum(IV) anticancer complex. <i>Dalton Transactions</i> , 2016, 45, 13034-13037.	1.6	21
11	Platinum(IV) anticancer prodrugs – hypotheses and facts. <i>Dalton Transactions</i> , 2016, 45, 12983-12991.	1.6	230
12	Encapsulation of lipophilic kiteplatin Pt(IV) prodrugs in PLGA-PEG micelles. <i>Dalton Transactions</i> , 2016, 45, 13070-13081.	1.6	27
13	Overcoming tumor resistance to cisplatin by cationic lipid-assisted prodrug nanoparticles. <i>Biomaterials</i> , 2016, 94, 9-19.	5.7	47
14	Near infrared light-mediated photoactivation of cytotoxic Re(I) complexes by using lanthanide-doped upconversion nanoparticles. <i>Dalton Transactions</i> , 2016, 45, 14101-14108.	1.6	27
15	Synthesis and Structures of 9-Oxabispidine Analogues of Cisplatin, Carboplatin, and Oxaliplatin. <i>Inorganic Chemistry</i> , 2016, 55, 9424-9435.	1.9	11
16	Rational design of multi-targeting ruthenium- and platinum-based anticancer complexes. <i>Science China Chemistry</i> , 2016, 59, 1240-1249.	4.2	14
17	Platinated Nucleotides are Substrates for the Human Mitochondrial Deoxynucleotide Carrier (DNC) and DNA Polymerase β : Relevance for the Development of New Platinum-Based Drugs. <i>ChemistrySelect</i> , 2016, 1, 4633-4637.	0.7	10
18	Hydrolysis mechanism of anticancer drug lobaplatin in aqueous medium under neutral and acidic conditions: A DFT study. <i>Chemical Physics Letters</i> , 2016, 663, 115-122.	1.2	16

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20	Synthesis and antiproliferative activity of ionic platinum(II) triphenylphosphino complexes. <i>Polyhedron</i> , 2016, 119, 396-402.	1.0	6
21	Advances on supramolecular assembly of cyclometalated platinum(II) complexes. <i>Chinese Chemical Letters</i> , 2016, 27, 1147-1154.	4.8	19
22	Photoactive platinum(II) β^2 -diketonates as dual action anticancer agents. <i>Dalton Transactions</i> , 2016, 45, 13234-13243.	1.6	48
23	Triphenylphosphane Pt(II) complexes containing biologically active natural polyphenols: Synthesis, crystal structure, molecular modeling and cytotoxic studies. <i>Journal of Inorganic Biochemistry</i> , 2016, 163, 346-361.	1.5	24
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27	Bioactive gold(I) complexes with 4-mercaptoproline derivatives. <i>Dalton Transactions</i> , 2016, 45, 13483-13490.	1.6	17
28	Counterintuitive Solid-State Syntheses of Indium-Thiolate-Phen Cations as Efficient and Selective Fluorescent Biosensors for HIV-1 α -DNA and Sudan Ebolavirus RNA Sequences. <i>ChemistrySelect</i> , 2016, 1, 2979-2987.	0.7	6
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30	Esophageal cancer: The latest on chemoprevention and state of the art therapies. <i>Pharmacological Research</i> , 2016, 113, 236-244.	3.1	33
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33	A survey of the mechanisms of action of anticancer transition metal complexes. <i>Future Medicinal Chemistry</i> , 2016, 8, 2263-2286.	1.1	59
34	Dual-functionalisation of gelatine nanoparticles with an anticancer platinum(II) bisphosphonate complex and mineral-binding alendronate. <i>RSC Advances</i> , 2016, 6, 113025-113037.	1.7	8
35	Using an RNAi Signature Assay To Guide the Design of Three-Drug-Conjugated Nanoparticles with Validated Mechanisms, In Vivo Efficacy, and Low Toxicity. <i>Journal of the American Chemical Society</i> , 2016, 138, 12494-12501.	6.6	44
36	The molecular shape and the field similarities as criteria to interpret SAR studies for fragment-based design of platinum(IV) anticancer agents. Correlation of physicochemical properties with cytotoxicity. <i>Journal of Molecular Graphics and Modelling</i> , 2016, 69, 39-60.	1.3	7

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37	Activation of Platinum(IV) Prodrugs By Motexafin Gadolinium as a Redox Mediator. <i>Angewandte Chemie</i> , 2016, 128, 12816-12821.	1.6	13
38	Activation of Platinum(IV) Prodrugs By Motexafin Gadolinium as a Redox Mediator. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12626-12631.	7.2	61
39	The breast cancer stem cell potency of copper(<i>II</i>) complexes bearing nonsteroidal anti-inflammatory drugs and their encapsulation using polymeric nanoparticles. <i>Dalton Transactions</i> , 2016, 45, 17867-17873.	1.6	42
40	SBA-15 mesoporous silica particles loaded with cisplatin induce senescence in B16F10 cells. <i>RSC Advances</i> , 2016, 6, 111031-111040.	1.7	23
41	Camptothecin- <i>α</i> -Polysaccharide Co-assembly and Its Controlled Release. <i>Bioconjugate Chemistry</i> , 2016, 27, 2834-2838.	1.8	25
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45	Synthesis, characterization and reactivity of trans-dihydroxy platinum(IV) porphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 785-792.	0.4	3
46	Synthesis, Characterization, and <i>in vitro</i> Cytotoxicity of Gold(I) Complexes of 2-(Diphenylphosphanyl)ethylamine and Dithiocarbamates. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016, 642, 1454-1459.	0.6	15
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53	Supramolecular assembly based on <i>π</i> - <i>π</i> emerging <i>π</i> - <i>π</i> intermolecular interactions of particular interest to coordination chemists. <i>Coordination Chemistry Reviews</i> , 2017, 345, 209-228.	9.5	175
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70	Synthesis, characterization and in vitro cytotoxicity of platinum(II) complexes of selenones [Pt(selenone) ₂ Cl ₂]. <i>Journal of Coordination Chemistry</i> , 2017, 70, 1020-1031.	0.8	12
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72	Phosphatase-triggered cell-selective release of a Pt(^{IV})-backboned prodrug-like polymer for an improved therapeutic index. <i>Biomaterials Science</i> , 2017, 5, 1558-1566.	2.6	11

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74	Synthesis, Biological Evaluation, and Molecular Docking Studies on the DNA Binding Interactions of Platinum(II) Rollover Complexes Containing Phosphorus Donor Ligands. <i>ChemMedChem</i> , 2017, 12, 456-465.	1.6	34
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76	Update on Chemotherapy-Induced Peripheral Neuropathy. <i>Current Neurology and Neuroscience Reports</i> , 2017, 17, 47.	2.0	63
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80	9,9-Difluorobispidine Analogues of Cisplatin, Carboplatin, and Oxaliplatin. <i>Inorganic Chemistry</i> , 2017, 56, 6712-6724.	1.9	10
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83	Cytotoxic platinum coordination compounds. DNA binding agents. <i>Coordination Chemistry Reviews</i> , 2017, 351, 2-31.	9.5	137
84	Enhanced Cytotoxicity and Reactivity of a Novel Platinum(IV) Family with DNA-Targeting Naphthalimide Ligands. <i>Inorganic Chemistry</i> , 2017, 56, 6175-6183.	1.9	18
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87	Ruthenium(II) complexes of saccharin with dipyrrodoquinoxaline and dipyrrodoquinazoline: Structures, biological interactions and photoinduced DNA damage activity. <i>European Journal of Medicinal Chemistry</i> , 2017, 136, 52-62.	2.6	36
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102	Amidoxime platinum(II) complexes: pH-dependent highly selective generation and cytotoxic activity. <i>New Journal of Chemistry</i> , 2017, 41, 6840-6848.	1.4	11
103	Terpyridyl oxovanadium(IV) complexes for DNA crosslinking and mito-targeted photocytotoxicity. <i>Journal of Inorganic Biochemistry</i> , 2017, 174, 45-54.	1.5	10
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105	High cytotoxicity of vanadium(IV) complexes with 1,10-phenanthroline and related ligands is due to decomposition in cell culture medium. <i>Journal of Biological Inorganic Chemistry</i> , 2017, 22, 663-672.	1.1	51
106	Phospholipid-mimic oxaliplatin prodrug liposome for treatment of the metastatic triple negative breast cancer. <i>Biomaterials Science</i> , 2017, 5, 1522-1525.	2.6	16
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111	Synthesis, structural characterization and cytotoxicity evaluation of platinum(II) complexes of heterocyclic selenones. <i>Polyhedron</i> , 2017, 128, 2-8.	1.0	14

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113	Cancer-specific, Intracellular, Reductive Activation of Anticancer Pt ^{IV} Prodrugs. <i>Chemistry - A European Journal</i> , 2017, 23, 5678-5681.	1.7	41
114	Morpholine or methylpiperazine and salicylaldimine based heteroleptic square planer platinum (II) complexes: In vitro anticancer study and growth retardation effect on <i>E. Coli</i> . <i>European Journal of Medicinal Chemistry</i> , 2017, 131, 263-274.	2.6	21
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126	Platinum(IV) Prodrugs – A Step Closer to Ehrlich's Vision?. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1596-1612.	1.0	139
127	A theoretical investigation on bio-transformation of third generation anti-cancer drug Heptaplatin and its interaction with DNA purine bases. <i>Chemical Physics Letters</i> , 2017, 690, 105-115.	1.2	3
128	Kinetic aspects of platinum anticancer agents. <i>Polyhedron</i> , 2017, 138, 109-124.	1.0	47
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133	Synthesis, spectroscopic characterization and in vitro anticancer activity of new platinum(II) complexes with some thione ligands in the presence of triethylphosphine. <i>BioMetals</i> , 2017, 30, 787-795.	1.8	5
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