

Synthesis and Molecular Structure of a Plutonium(IV) Complex [Pu(NO₃)₂{2,6-[(C₆H₅)₂P(O)CH₂]₂C₅H₃NO}₂](NO₃)₂·nH₂O

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Citation Report

#	ARTICLE	IF	CITATIONS
1	17 Scandium, yttrium, the lanthanides and the actinides. Annual Reports on the Progress of Chemistry Section A, 2001, 97, 269-292.	0.8	2
2	Eight and Nine-Coordinate Plutonium (IV) Complexes of the f-Element Extractant 2,5-Bis(diphenylphosphinomethyl)benzene P,P'-dioxide Including Structural Characterization of a Plutonium (IV) Alkoxide. Journal of Nuclear Science and Technology, 2002, 39, 400-405.	0.7	7
3	Synthesis and crystal structure of a ten-coordinate plutonium(IV) ion complexed by 2-[(diphenylphosphino)methyl]pyridine N,P-dioxide: [Pu(NO ₃) ₃ {2-[(C ₆ H ₅) ₂ P(O)CH ₂]C ₅ H ₄ NO} ₂][Pu(NO ₃) ₆]0.5. Dalton Transactions RSC, 2002, , 2328-2332.	2.3	45
4	Complexes of Lanthanide Nitrates with Bis(diphenylphosphino)methane Dioxide. Inorganic Chemistry, 2003, 42, 4673-4679.	1.9	64
5	The Actinides. , 2003, , 189-345.		28
6	Rational Design of Sequestering Agents for Plutonium and Other Actinides. Chemical Reviews, 2003, 103, 4207-4282.	23.0	505
7	Complexes of the uranyl ion with bis(diphenylphosphino)methane dioxide. Polyhedron, 2004, 23, 1527-1533.	1.0	30
8	EDTA and Mixed-Ligand Complexes of Tetravalent and Trivalent Plutonium. Inorganic Chemistry, 2004, 43, 5816-5823.	1.9	59
9	Complexes of (EtO) ₂ P(O)CH ₂ P(O)(OEt) ₂ with lanthanide nitrates. New Journal of Chemistry, 2004, 28, 1457.	1.4	22
10	The synthesis and lanthanide coordination chemistry of 2,6-bis[(dicyclohexyl)phosphino-methyl]pyridine N,P-oxide-trioxide. Polyhedron, 2005, 24, 469-474.	1.0	29
11	Formation of a 1-D chain structure from Nd(III) and 2,6-bis(methylphosphonic acid)pyridine N-oxide. Polyhedron, 2006, 25, 3387-3392.	1.0	9
12	Oxidation Reactivity Channels for 2-(Pyridin-2-yl)-N,N-diphenylacetamides. Journal of Organic Chemistry, 2007, 72, 9195-9202.	1.7	3
13	Synthesis of propionamide pyridine and pyridine N-oxide ligands. Journal of Heterocyclic Chemistry, 2007, 44, 99-103.	1.4	10
14	Purification and characterization of rhodobactin: a mixed ligand siderophore from Rhodococcus rhodochrous strain OFS. BioMetals, 2007, 20, 853-867.	1.8	26
15	Unexpected chelation interaction for 2-hydroxy-2-(1-oxy-pyridin-2-yl)-N,N-diphenyl acetamide with La(III). Polyhedron, 2009, 28, 3979-3984.	1.0	8
16	Synthesis, characterization and molecular structure of 1,1'-bis(diphenylphosphino ferrocene)dioxide complex of uranyl nitrate. Inorganica Chimica Acta, 2010, 363, 2338-2340.	1.2	10
17	Recent developments in nonaqueous plutonium coordination chemistry. Comptes Rendus Chimie, 2010, 13, 821-831.	0.2	38
18	Syntheses and structures of three disulfoxide uranyl complexes. Journal of Coordination Chemistry, 2010, 63, 3006-3015.	0.8	6

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19	C3 symmetric tris(phosphonate)-1,3,5-triazine ligand: homopolymetallic complexes and its radical anion. <i>New Journal of Chemistry</i> , 2010, 34, 2319.	1.4	22
20	[N(<i>n</i> -Bu) ₄] ₂ [Pu(NO ₃) ₆] and [N(<i>n</i> -Bu) ₄] ₂ [PuCl ₆]: Starting Materials To Facilitate Nonaqueous Plutonium(IV) Chemistry. <i>Inorganic Chemistry</i> , 2012, 51, 9165-9167.	1.9	36
21	Synthesis, characterization and molecular structure of 1,1- η^2 bis (diphenyl phosphino ferrocene) dioxide complex of the cis-uranyl dichloride. <i>Journal of Organometallic Chemistry</i> , 2012, 701, 93-95.	0.8	6
22	Synthesis and Coordination Chemistry of Phosphine Oxide Decorated Dibenzofuran Platforms. <i>Inorganic Chemistry</i> , 2012, 51, 6667-6681.	1.9	25
23	Syntheses and Coordination Studies of 2-(Phosphanylmethyl)pyridine Dioxide toward Silver (I). <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 299-308.	1.0	5
24	Coordination Chemistry with f-Element Complexes for an Improved Understanding of Factors That Contribute to Extraction Selectivity. <i>Inorganic Chemistry</i> , 2013, 52, 3445-3458.	1.9	68
25	Synthesis, Lanthanide Coordination Chemistry, and Liquid-Liquid Extraction Performance of CMPO-Decorated Pyridine and Pyridine <i>N</i> -Oxide Platforms. <i>Inorganic Chemistry</i> , 2013, 52, 3063-3083.	1.9	47
26	A New Hybrid Cmpo/Nopopo Ligand: Synthesis and Selected Lanthanide Coordination Chemistry. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2013, 188, 100-105.	0.8	4
27	Synthesis and Properties of New (Phosphinoylmethyl)Pyridine <i>N</i> -Oxides. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 1101-1116.	0.6	8
28	Synthesis and Selected Reactivity Studies of a Dissymmetric (Phosphinoylmethylpyridine <i>N</i> -Oxide) Methylamine Platform. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 3132-3148.	1.2	4
29	Syntheses of methylpyridine and methylpyridine <i>N</i> -oxide decorated benzoxazine and naphthoxazine platforms. <i>Tetrahedron Letters</i> , 2014, 55, 2434-2437.	0.7	5
30	Synthesis and Lanthanide Coordination Chemistry of Phosphine Oxide Decorated Dibenzothiophene and Dibenzothiophene Sulfone Platforms. <i>Inorganic Chemistry</i> , 2014, 53, 5698-5711.	1.9	14
31	Synthesis and f-element ligation properties of ^N CMPO-decorated pyridine <i>N</i> -oxide platforms. <i>Dalton Transactions</i> , 2014, 43, 8368-8386.	1.6	23
32	Steric effects in complexes of diphenyl(2-pyridyl)phosphine oxide with the uranyl ion. Synthetic, structural and theoretical studies. <i>Polyhedron</i> , 2015, 89, 116-121.	1.0	8
33	Synthesis and selected lanthanide coordination chemistry of new ((1H-pyrazol-1-yl)methyl)pyridine and -pyridine 1-oxide ligands. <i>Polyhedron</i> , 2015, 101, 37-47.	1.0	9
34	Synthesis, selected coordination chemistry and extraction behavior of a (phosphinoylmethyl)pyridyl <i>N</i> -oxide-functionalized ligand based upon a 1,4-diazepane platform. <i>Polyhedron</i> , 2015, 97, 20-29.	1.0	4
35	Crystallographic and Spectroscopic Characterization of Americium Complexes Containing the Bis[(phosphino)methyl]pyridine-1-oxide (NOPOPO) Ligand Platform. <i>Inorganic Chemistry</i> , 2018, 57, 2278-2287.	1.9	17
36	Plutonium coordination and redox chemistry with the CyMe ₄ -BTPPhen polydentate <i>N</i> -donor extractant ligand. <i>Chemical Communications</i> , 2018, 54, 12582-12585.	2.2	10

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37	Establishing Cost-Effective Computational Models for the Prediction of Lanthanoid Binding in $[\text{Ln}(\text{NO}_3)]_2^+$ (with Ln = La to Lu). ACS Omega, 2019, 4, 1375-1385.	1.6	9
38	Exploration of N-oxo pyridine 2-carboxamide ligands towards coordination chemistry, solvent extraction, and DFT investigation for the development of novel solvent for lanthanide and actinide separation. Polyhedron, 2021, 201, 115166.	1.0	5