

Toward a Planar I_3 -Phosphorus

The Journal of Physical Chemistry

100, 6194-6198

DOI: 10.1021/jp9528018

Citation Report

#	ARTICLE	IF	CITATIONS
1	Pentaphosphole: An Aromatic Ring with a Planar π -3-Phosphorus. <i>Inorganic Chemistry</i> , 1996, 35, 4690-4693.	1.9	33
2	Why Pentaphosphole, P ₅ H, Is Planar in Contrast to Phosphole, (CH) ₄ PH. <i>The Journal of Physical Chemistry</i> , 1996, 100, 13447-13454.	2.9	44
3	First syntheses, structural and theoretical studies of π -5-1,2,4-triphosphole metal tricarbonyl complexes of Cr, Mo and W. <i>Chemical Communications</i> , 1997, , 1305-1306.	2.2	25
4	About the aromaticity of Al ₂ N ₃ H ₅ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 2373-2376.	1.1	2
6	Study of the planarization of the tricoordinate phosphorus in phospholes; photoelectron spectra and structure of partially planarized phospholes. <i>Journal of Organometallic Chemistry</i> , 1998, 566, 29-35.	0.8	37
7	Phosphindolizine: a compound with planar phosphorus. <i>New Journal of Chemistry</i> , 1998, 22, 651-654.	1.4	23
8	Substituent Effects on the Structure and Aromaticity of 4-Silatriafulvene. <i>Journal of Physical Chemistry A</i> , 1998, 102, 10530-10535.	1.1	38
9	The Aromaticity of Polyphosphaphospholes Decreases with the Pyramidalicity of the Tricoordinate Phosphorus. <i>Inorganic Chemistry</i> , 1998, 37, 4413-4420.	1.9	107
10	1-(2,4,6-Tri-tertiarybutylphenyl)-3,5-di-tert-butyl-1,2,4-triphosphole: a possibly stable, fully aromatic, compound with planar tricoordinate phosphorus. <i>Journal of Organometallic Chemistry</i> , 1999, 588, 28-31.	0.8	13
11	Chemical Shift Tensors of Directly Bonded Phosphorus Nuclei in Unsaturated Four-Membered Rings. Solid-State ³¹ P NMR and Theoretical Study of Trans- and Cis-Substituted Diphosphetes. <i>Journal of Physical Chemistry A</i> , 1999, 103, 1029-1037.	1.1	12
12	Aromatic Compounds with Planar Tricoordinate Phosphorus. <i>Tetrahedron</i> , 2000, 56, 79-84.	1.0	70
13	Five-membered rings. Phospholes. , 2001, , 307-362.		8
14	Heterophospholes. , 2001, , 363-461.		28
15	Aromaticity of Phosphorus Heterocycles. <i>Chemical Reviews</i> , 2001, 101, 1229-1246.	23.0	368
17	Synthesis of the First 1,3,4-Triphosphole Complex. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2471-2474.	7.2	13
18	Phosphaorganische Chemie: Panorama und Perspektiven. <i>Angewandte Chemie</i> , 2003, 115, 1616-1643.	1.6	195
19	Phospha-Organic Chemistry: Panorama and Perspectives. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 1578-1604.	7.2	575
20	Organometallic Complexes of Boron, Silicon, and Phosphorus Analogues of Azoles. <i>Advances in Heterocyclic Chemistry</i> , 2003, 85, 1-66.	0.9	6

#	ARTICLE	IF	CITATIONS
21	1-Triphenylstannyl-2,4,5-tritertiarybutyl-1,3-diphosphole, : Preparation, X-ray crystal structure, theoretical studies and solution fluxional behaviour. Journal of Organometallic Chemistry, 2005, 690, 3983-3989.	0.8	10
22	On the tautomerism, planarity, and vibrations of phospholes. Chemical Physics, 2005, 313, 123-132.	0.9	21
23	Tautomerism of 1,3-diphospholes. Chemical Physics Letters, 2005, 406, 173-178.	1.2	7
24	Organophosphorus π -Conjugated Materials. Chemical Reviews, 2006, 106, 4681-4727.	23.0	965
25	Phosphole, pyrrole, and their tetrahydro derivatives: A theoretical study of their properties. Structural Chemistry, 2006, 17, 13-17.	1.0	15
26	Does the Planar Aromatic Phosphorus Analogue of Pyridone Exist?. European Journal of Organic Chemistry, 2007, 2007, 1669-1677.	1.2	7
27	Tri-coordinated nitrogen and phosphorus in planar eight π electron systems: Intriguing conformational differences. Computational and Theoretical Chemistry, 2007, 823, 1-5.	1.5	2
28	Phospholes. , 2008, , 1029-1147.		17
29	π -Conjugated phosphole derivatives: synthesis, optoelectronic functions and coordination chemistry. Dalton Transactions, 2008, , 6865.	1.6	184
30	PYRAMIDALITY AND AROMATICITY IN POLYPHOSPHAPHOSPHOLES. Journal of Theoretical and Computational Chemistry, 2008, 07, 1203-1214.	1.8	5
31	Five-membered Rings with Two Adjacent Heteroatoms with at least One Phosphorus, Arsenic, or Antimony. , 2008, , 1155-1167.		0
32	Five-membered Rings with Two Nonadjacent Heteroatoms with at least One Phosphorus, Arsenic, or Antimony. , 2008, , 1169-1188.		0
33	Aromatic Phosphorus Heterocycles. Topics in Heterocyclic Chemistry, 2009, , 27-81.	0.2	49
34	Cycloaddition reactions of 1-Alkyl-3,4,5-triphenyl-1,2-iphosphacyclopenta-2,4-dienes in the coordination sphere of tungsten carbonyl. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2010, 36, 891-896.	0.3	11
35	Towards Spontaneous Heterolysis of the Homonuclear $P\equiv P$ Bond in Diphosphines: The Case of Diazaphospholeniumtriphospholides. Chemistry - A European Journal, 2010, 16, 2857-2865.	1.7	14
36	Coordination-Driven Supramolecular Assembly of Phosphole-Based π -Conjugated Ligands. Catalysis By Metal Complexes, 2011, , 343-373.	0.6	7
37	Analogy between sulfur and phosphino groups: the aromaticity of thiophene-oxide. Structural Chemistry, 2011, 22, 1385-1392.	1.0	12
38	A MP2 and DFT study of the aromatic character of polyphosphaphospholes. Is the pyramidalty the only factor to take into consideration?. Journal of Molecular Modeling, 2011, 17, 1267-1272.	0.8	14

#	ARTICLE	IF	CITATIONS
39	Click reactions of 2H-azaphosphirene chromium and molybdenum complexes and a surprisingly facile access to a 2H-1,4,2-diazaphosphole derivative. <i>Polyhedron</i> , 2011, 30, 1799-1805.	1.0	3
40	A MP2 and DFT study of the influence of complexation on the aromatic character of phosphole. <i>Journal of Molecular Modeling</i> , 2012, 18, 765-770.	0.8	2
41	Pyridyl-Functionalised 3 <i>H</i> -1,2,3,4-Triazaphospholes: Synthesis, Coordination Chemistry and Photophysical Properties of Low-Coordinate Phosphorus Compounds. <i>Chemistry - A European Journal</i> , 2015, 21, 11096-11109.	1.7	48
42	Phosphole-based ligands in catalysis. <i>Catalysis Science and Technology</i> , 2015, 5, 4289-4323.	2.1	49
43	Influence of P-Bonded Bulky Substituents on Electronic Interactions in Ferrocenyl-Substituted Phospholes. <i>Chemistry - A European Journal</i> , 2015, 21, 11545-11559.	1.7	39
44	Transition-Metal Carbonyl Complexes of 2,5-Diferrocenyl-1-phenyl-1 <i>H</i> -phosphole. <i>Organometallics</i> , 2015, 34, 4293-4304.	1.1	33
45	Effect of Mono- and Poly-CH/P Exchange(s) on the Aromaticity of the Tropylium Ion. <i>Molecules</i> , 2016, 21, 1099.	1.7	4
46	Recent Developments in the Chemistry of 3 <i>H</i> -1,2,3,4-Triazaphosphole Derivatives. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 595-606.	1.0	26
47	Functionalized 3 <i>H</i> -1,2,3,4-triazaphosphole derivatives: Synthesis and structural characterization of novel low-coordinate phosphorus heterocycles. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 558-562.	0.8	6
48	Planar lithium silolide: aromaticity, with significant contribution of non-classical resonance structures. <i>Chemical Communications</i> , 2017, 53, 11064-11067.	2.2	16
49	Application of the Extended HOMED (Harmonic Oscillator Model of Aromaticity) Index to Simple and Tautomeric Five-Membered Heteroaromatic Cycles with C, N, O, P, and S Atoms. <i>Symmetry</i> , 2019, 11, 146.	1.1	24
50	Theoretical study of the excited state properties of luminescent phospholes. <i>Dyes and Pigments</i> , 2019, 164, 363-371.	2.0	9
51	Phospholes, benzannulated forms, and analogs. , 2020, , 565-690.		0
52	Aromatic Phosphorus Heterocycles. <i>Topics in Heterocyclic Chemistry</i> , 2008, , 27.	0.2	1