

Modified BINAP:â€ The How and the Why

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Modified BINAP: The How and the Why. <i>ChemInform</i> , 2005, 36, no.	0.1	0
2	Highly Efficient Chromatographic Resolution of $\hat{I}_{\pm}, \hat{I}_{\pm}$ -Dihydroxybiaryls. <i>Organic Letters</i> , 2005, 7, 5821-5823.	2.4	4
3	Facile Preparation of a New BINAP-Based Building Block, 5,5'-DiiodoBINAP, and Its Synthetic Application. <i>Journal of Organic Chemistry</i> , 2005, 70, 10178-10181.	1.7	34
4	3,3'-Disubstituted BINAP Ligands: Synthesis, Resolution, and Applications in Asymmetric Hydrogenation. <i>Organic Letters</i> , 2005, 7, 3765-3768.	2.4	37
5	2,2'-Disubstituted F12binaphthyl derivatives: stannanes, boranes, and (R)-F12BINOL. <i>Chemical Communications</i> , 2006, , 2875-2877.	2.2	19
6	New Ru Complexes Containing the N-Tridentate bpea and Phosphine Ligands: Consequences of Meridional vs Facial Geometry. <i>Inorganic Chemistry</i> , 2006, 45, 10520-10529.	1.9	41
7	High-Throughput and Parallel Screening Methods in Asymmetric Hydrogenation. <i>Chemical Reviews</i> , 2006, 106, 2912-2942.	23.0	216
8	Cyclic C-Amino Phosphorus Ylides as a Source of Bidentate Heteroditopic Ligands (Phosphine/Aminocarbene) for Transition Metals. <i>Journal of the American Chemical Society</i> , 2006, 128, 14810-14811.	6.6	33
9	Diastereospecific Intramolecular Ullmann Couplings: Unique Chiral Auxiliary for the Preparation of 3,3'-Disubstituted MeO-BIPHEP Derivatives. <i>Organic Letters</i> , 2006, 8, 1483-1485.	2.4	18
10	In the Arena of Enantioselective Synthesis, Titanium Complexes Wear the Laurel Wreath. <i>Chemical Reviews</i> , 2006, 106, 2126-2208.	23.0	254
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12	Dendritic BIPHEP: Synthesis and application in asymmetric hydrogenation of \hat{I}^2 -ketoesters. <i>Journal of Molecular Catalysis A</i> , 2006, 244, 118-123.	4.8	22
13	Non-Biaryl Atropisomers in Organocatalysis. <i>Chemistry - A European Journal</i> , 2006, 12, 6039-6052.	1.7	206
14	A Hole-Transporting Material with Controllable Morphology Containing Binaphthyl and Triphenylamine Chromophores. <i>Advanced Functional Materials</i> , 2006, 16, 1343-1348.	7.8	47
15	Facile and Practical Synthesis of (R)-6,6'-Bis(2,2'-bis(diphenylphosphino)-1,1'-binaphthyl). <i>Synthetic Communications</i> , 2006, 36, 1057-1062.	1.1	0
16	Chapter 6. Asymmetric Synthesis with Stereodynamic Compounds: Introduction, Conversion and Transfer of Chirality. , 2007, , 204-330.		0
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18	Synthesis and properties of the chiral oligonaphthalenes. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 2179.	1.5	39

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19	Sulfonated N-heterocyclic carbenes for Suzuki coupling in water. <i>Chemical Communications</i> , 2007, , 2870-2872.	2.2	161
20	Highly Enantioselective Hydrogenation of β -Alkyl and β -Chloroalkyl Substituted α -Keto Esters. <i>Synthetic Communications</i> , 2007, 37, 1067-1076.	1.1	8
21	Rhodium-Catalyzed Double [2 + 2 + 2] Cycloaddition of 1,4-Bis(diphenylphosphinoyl)buta-1,3-diyne with Tethered Dienes: A Modular, Highly Versatile Single-Pot Synthesis of NU-BIPHEP Biaryl Diphosphines. <i>Organic Letters</i> , 2007, 9, 4925-4928.	2.4	59
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25	Asymmetric Hydrogenations One by One: Differentiation of up to Three α -Ketocarboxylic Acid Derivatives Based on Ruthenium(II)-Binap Catalysis. <i>Chemistry - A European Journal</i> , 2007, 13, 9076-9086.	1.7	25
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27	Base Dependence in Copper-Catalyzed Huisgen Reactions: Efficient Formation of Bistriazoles. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3649-3651.	7.2	113
28	Synthesis, structure, and activity of $(\text{PhCH}_2\text{NH}_2)_2\text{CuCl}_2$ for oxidative coupling of 2-naphthylamine. <i>Applied Organometallic Chemistry</i> , 2007, 21, 177-182.	1.7	21
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33	Repetitive Application of a Fluorous Chiral BINAP-Ru Complex in the Asymmetric Hydrogenation of Olefins. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 2058-2063.	1.2	23
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35	Asymmetric hydrogenation of aromatic ketones with new P-chirogenic monophosphine ligands. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 1224-1232.	1.8	16
36	An unusual norcaradiene/tropylium rearrangement from a persistent amino-phosphonio-carbene. <i>Tetrahedron Letters</i> , 2007, 48, 685-687.	0.7	12
37	Modification of ligand properties of phosphine ligands for C-C and C-N bond-forming reactions. <i>Tetrahedron Letters</i> , 2007, 48, 949-953.	0.7	12
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39	New 5,5'-disubstituted BINAP derivatives: Syntheses and pressure and electronic effects in Rh asymmetric hydrogenation. <i>Journal of Molecular Catalysis A</i> , 2007, 268, 205-212.	4.8	12
40	2,2'-Bis-[bis(4-substituted-phenyl)phosphino]-1,1'-binaphthyl derivatives in Rh(I)-catalyzed hydrogenation of acetamidoacrylic acid derivatives: Electronic effects. <i>Journal of Molecular Catalysis A</i> , 2007, 271, 18-24.	4.8	17
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42	Easily Accessible Benzamide-Derived P,O Ligands (Bphos) for Palladium-Catalyzed Carbon-Nitrogen Bond-Forming Reactions. <i>Chemistry - an Asian Journal</i> , 2007, 2, 306-313.	1.7	54
43	Enhanced enantioselectivity of chiral hydrogenation catalysts after immobilisation in thin films of ionic liquid. <i>Journal of Molecular Catalysis A</i> , 2008, 279, 239-247.	4.8	29
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45	Catalytic Asymmetric Synthesis of Chiral Phosphanes. <i>Chemistry - A European Journal</i> , 2008, 14, 7108-7117.	1.7	227
46	Deracemization of a Macrocyclic 1,1'-Biisoquinoline. <i>Helvetica Chimica Acta</i> , 2008, 91, 904-913.	1.0	3
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54	Synthesis of Bisquinolone-Based Mono- and Diphosphine Ligands of the Aza-BINAP Type. <i>Journal of Organic Chemistry</i> , 2008, 73, 4755-4758.	1.7	25
55	Catalytic Enantioselective Addition of Diorganozinc Reagents to Vinyl Sulfones. <i>Organic Letters</i> , 2008, 10, 2315-2318.	2.4	53
56	Separation and Optical Resolution of a Pair of atrop Diastereomers of the Octahedral Rhodium(III) Complex with a Nine-Membered <i>S,S</i> -Chelate Ring. <i>Inorganic Chemistry</i> , 2008, 47, 7450-7452.	1.9	15
57	Lanthanide and group 4 metal complexes with new chiral biaryl-based NNO-donor ligands. <i>Dalton Transactions</i> , 2008, , 5930.	1.6	75

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58	Axial 4,4'-,6,6'-Tetrakis-trifluoromethyl-biphenyl-2,2'-diamine (TF-BIPHAM): Resolution and Applications in Asymmetric Hydrogenation. <i>Organic Letters</i> , 2008, 10, 4711-4714.	2.4	30
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64	Asymmetric Hydrogenation of α,β -Unsaturated Ester-Phosphonates. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1423-1430.	2.1	20
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74	New perfluorinated rhodium-BINAP catalysts and hydrogenation of styrene in supercritical CO ₂ . <i>Journal of Supercritical Fluids</i> , 2009, 51, 202-208.	1.6	13
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78	Concise Synthesis of Enantiopure (S)-(+)-2,2-Bis(tert-butyl(dimethylsilyl))-1,1-diphosphaferrocene: Anion-Dependence of Its Coordination to Palladium(II) Centers. <i>Organometallics</i> , 2009, 28, 370-373.	1.1	15
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95	Atropochiral C,N- and C,C-Chelating Carbon Ligands. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2325-2335.	1.0	61

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98	Ionic-Liquid-Supported (ILS) Catalysts for Asymmetric Organic Synthesis. <i>Chemistry - A European Journal</i> , 2010, 16, 4426-4436.	1.7	129
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101	Probing effects of alternately-embedded phenoxy phenyl lateral groups on properties of novel aromatic poly(ether-urea)s. <i>Journal of Applied Polymer Science</i> , 2010, 118, 1887-1893.	1.3	0
102	Regioselective synthesis of highly-substituted biaryls by reaction of vinyl malononitriles with acetylenic esters. <i>Tetrahedron</i> , 2010, 66, 3575-3578.	1.0	19
103	BINAP: rhodium-diolefin complexes in asymmetric hydrogenation. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1226-1231.	1.8	29
104	Hindered diarylether and diarylsulfone bisphosphine ligands: atropisomerism and palladium complexes. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1355-1360.	1.8	12
105	Asymmetric activation of tropos species in the achievement of chiral inducers for enantioselective catalysis. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1943-1958.	1.8	14
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114	Efficient Route to Atropisomeric Ligands - Application to the Synthesis of MeOBIPHEP Analogues. <i>Organic Letters</i> , 2011, 13, 3250-3253.	2.4	28
115	Cationic Rhodium-BINAP Complexes: Full Characterization of Solvate- and Arene-Bridged Dimeric Species. <i>Organometallics</i> , 2011, 30, 5155-5159.	1.1	34
116	Room-Temperature Rh-Catalyzed Asymmetric 1,4-Addition of Arylboronic Acids to Maleimides and Enones in the Presence of CF ₃ -Substituted MeOBIPHEP Analogues. <i>Journal of Organic Chemistry</i> , 2011, 76, 6925-6930.	1.7	29

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122	Synthesis and Conformation of Substituted Chiral Binaphthyl-Azobenzene Cyclic Dyads with Chiroptical Switching Capabilities. <i>Molecules</i> , 2011, 16, 1603-1624.	1.7	21
123	Catalytic anti-selective asymmetric Henry (nitroaldol) reaction catalyzed by Cu(I)-amine-imine complexes. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 2065-2070.	1.8	18
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131	An Unexpected and Easy Way of Freezing the Configuration of a Triaryl Phosphane Oxide. <i>Chemistry - A European Journal</i> , 2011, 17, 8643-8647.	1.7	8
132	Neighboring Lithium-Assisted [1,2]-Wittig Rearrangement: Practical Access to Diarylmethanol-Based 1,4-Diols and Optically Active BINOL Derivatives with Axial and sp ³ Central Chirality. <i>Chemistry - A European Journal</i> , 2011, 17, 2698-2703.	1.7	55
133	Improved Syntheses of Phosphine Ligands by Direct Coupling of Diarylbromophosphine with Organometallic Reagents. <i>Chemistry - A European Journal</i> , 2011, 17, 10828-10831.	1.7	18
134	Catalytic Palladium Phosphination: Modular Synthesis of C ₁ -Symmetric Biaryl-Based Diphosphines. <i>Chemistry - A European Journal</i> , 2011, 17, 11008-11016.	1.7	34
135	Synthesis and structure of lanthanide complexes with large-bite diphosphine dioxide ligands. <i>Polyhedron</i> , 2011, 30, 1620-1627.	1.0	12
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412	Enantioseparation of amino acid and mandelic acid enantiomers using Josiphos-metal complexes as chiral extractants. <i>Chirality</i> , 2023, 35, 256-265.	1.3	1
413	Spin polarization through axially chiral linkers: Length dependence and correlation with the dissymmetry factor. <i>Chirality</i> , 2023, 35, 562-568.	1.3	13
414	An Efficient Asymmetric Cross-Coupling Reaction in Aqueous Media Mediated by Chiral Chelating Mono Phosphane Atropisomeric Biaryl Ligand. <i>Catalysts</i> , 2023, 13, 353.	1.6	1
415	Enantioselective Access to Triaryl-2-pyrones with Monoaxial or Contiguous C-C Diaxes via Oxidative NHC Catalysis. <i>ACS Catalysis</i> , 2023, 13, 2565-2575.	5.5	18
416	Chiral Acid-Catalyzed Atroposelective Indolization Enables Access to 1,1-Indole-Pyrroles and Bisindoles Bearing a Chiral N-N Axis. <i>Organic Letters</i> , 2023, 25, 1553-1557.	2.4	19
417	Development of diverse adjustable axially chiral biphenyl ligands and catalysts. <i>IScience</i> , 2023, 26, 106344.	1.9	1
418	Construction of Monophosphine-Metal Complexes in Privileged Diphosphine-Based Covalent Organic Frameworks for Catalytic Asymmetric Hydrogenation. <i>Journal of the American Chemical Society</i> , 2023, 145, 6100-6111.	6.6	23
419	Jumping in the Chiral Pool: Asymmetric Hydroaminations with Early Metals. <i>Molecules</i> , 2023, 28, 2702.	1.7	1
420	Highly chemoselective ligands for Suzuki-Miyaura cross-coupling reaction based on virtual ligand-assisted screening. <i>Organic and Biomolecular Chemistry</i> , 2023, 21, 3132-3142.	1.5	2
421	Hydrazone-oxime Selectively Directed Redox-Neutral [4 + 2] Annulations Cascade with Alkynes and Iodonium Ylides to Build 1,1-Biisoquinoline Mono-N-oxides. <i>Organic Letters</i> , 2023, 25, 2616-2621.	2.4	7
422	Synthesis of atropisomeric phosphino-triazoles and their corresponding gold(I) complexes. <i>Organic Chemistry Frontiers</i> , 0, , .	2.3	0
426	Modification of QuinoxP*-Type Bisphosphine Ligands for High-Performance Asymmetric Boryl Substitution of Racemic Allyl Electrophiles. <i>Springer Theses</i> , 2023, , 19-112.	0.0	0