

# Direct Synthesis of Amides from Alcohols and Amines w

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Synthesis and Reactivity of Platinum Group Metal Complexes Featuring the New Pincer-like Bis(phosphino)silyl Ligand $[\text{Pt}(\text{SiMe}_2\text{P}(\text{Ph})_2)_2\text{C}_6\text{H}_4\text{C}_6\text{H}_4\text{C}_6\text{H}_4\text{P}(\text{Ph})_2\text{SiMe}_2]_2$ ([PSiP]): Application in the Ruthenium-Mediated Transfer Hydrogenation of Ketones. <i>Organometallics</i> , 2007, 26, 6522-6525.	4.1	114
3	Highly Efficient Copper-Catalyzed Amidation of Aldehydes by $\text{C}_6\text{H}_5\text{H}$ Activation. <i>Chemistry - A European Journal</i> , 2008, 14, 10722-10726.	1.7	99
4	Oxidative Amidation of Aldehydes and Alcohols with Primary Amines Catalyzed by $\text{K}_2\text{CO}_3$ /BHP. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3619-3622.	1.2	138
5	Cooperating Ligands in Catalysis. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 1814-1818.	7.2	492
6	Direct and Waste-Free Amidations and Cycloadditions by Organocatalytic Activation of Carboxylic Acids at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2876-2879.	7.2	348
7	Heterogeneously Catalyzed Efficient Oxygenation of Primary Amines to Amides by a Supported Ruthenium Hydroxide Catalyst. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9249-9251.	7.2	151
8	Selective Synthesis of Primary Amines Directly from Alcohols and Ammonia. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8661-8664.	7.2	468
13	Simple protocol for the synthesis of the asymmetric PCP pincer ligand $[\text{C}_6\text{H}_4\text{-1-(CH}_2\text{PPh}_2\text{)-3-(CH(CH}_3\text{)PPh}_2\text{)]}$ and its Pd(II) derivative $[\text{PdCl}\{\text{C}_6\text{H}_3\text{-2-(CH}_2\text{PPh}_2\text{)-6-(CH(CH}_3\text{)PPh}_2\text{)}\}]$ . <i>Polyhedron</i> , 2008, 27, 1947-1952.	1.0	13
14	An efficient $\text{FeCl}_3$ -catalyzed amidation reaction of secondary benzylic and allylic alcohols with carboxamides or p-toluenesulfonamide. <i>Tetrahedron Letters</i> , 2008, 49, 858-862.	0.7	113
15	Pd-catalyzed oxidative amidation of aldehydes with hydrogen peroxide. <i>Tetrahedron Letters</i> , 2008, 49, 5732-5735.	0.7	106
16	Ruthenium(II) Complexes Bearing a Pyridyl-Supported Pyrazolyl-N-Heterocyclic Carbene (NNC) Ligand and Their Catalytic Activity in the Transfer Hydrogenation of Ketones. <i>Organometallics</i> , 2008, 27, 6025-6028.	1.1	89
17	Oxidations of amines with molecular oxygen using bifunctional gold-titania catalysts. <i>Green Chemistry</i> , 2008, 10, 419.	4.6	111
18	Amide Synthesis from Alcohols and Amines by the Extrusion of Dihydrogen. <i>Journal of the American Chemical Society</i> , 2008, 130, 17672-17673.	6.6	483
19	Mechanism of Homogeneous Iridium-Catalyzed Alkylation of Amines with Alcohols from a DFT Study. <i>Organometallics</i> , 2008, 27, 2529-2535.	1.1	149
20	Direct Oxidative Amidation of Aldehydes with Anilines under Mechanical Milling Conditions. <i>Journal of Organic Chemistry</i> , 2008, 73, 2955-2958.	1.7	135
21	Stable Carbene and Diazoalkane Complexes of the Same Complex System. Synthesis, Structure, and Reactivity of $\text{PNP-Ru(II)}$ Fluorenylidene and Diazo fluorene Complexes. <i>Organometallics</i> , 2008, 27, 3526-3533.	1.1	37
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23	Oxidation of primary alcohols to methyl esters by hydrogen transfer. <i>Chemical Communications</i> , 2008, , 624-625.	2.2	90

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25	Pyridine-Based Sulfoxide Pincer Complexes of Rhodium and Iridium. <i>Organometallics</i> , 2008, 27, 1892-1901.	1.1	30
26	Indenyl Hemilability: Unveiling a Masked (1-5-C5Me5)Ru(1-2-P,Carbene) Zwitterion Via Facile and Reversible Ru-C(sp3) Bond Cleavage. <i>Organometallics</i> , 2008, 27, 6286-6299.	1.1	16
27	Metal-Free One-Pot Oxidative Amidation of Aldoses with Functionalized Amines. <i>Journal of Organic Chemistry</i> , 2008, 73, 8647-8650.	1.7	24
28	Cationic, Neutral, and Anionic Platinum(II) Complexes Based on an Electron-Rich PNN Ligand. New Modes of Reactivity Based on Pincer Hemilability and Dearomatization. <i>Organometallics</i> , 2008, 27, 2627-2634.	1.1	57
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34	Direct Amide Synthesis from Alcohols and Amines by Phosphine-Free Ruthenium Catalyst Systems. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2643-2649.	2.1	215
37	Nickel Complexes of a Pincer Amidobis(amine) Ligand: Synthesis, Structure, and Activity in Stoichiometric and Catalytic C-C Bond-Forming Reactions of Alkyl Halides. <i>Chemistry - A European Journal</i> , 2009, 15, 3889-3899.	1.7	102
38	Ligand-Centred Reactivity of Bis(picoyl)amine Iridium: Sequential Deprotonation, Oxidation and Oxygenation of a Non-Innocent Ligand. <i>Chemistry - A European Journal</i> , 2009, 15, 11878-11889.	1.7	60
39	Direct Dehydrogenative Amide Synthesis from Alcohols and Amines Catalyzed by Al-Alumina Supported Silver Cluster. <i>Chemistry - A European Journal</i> , 2009, 15, 9977-9980.	1.7	190
43	Oxygen Atom Cut and Paste from Carbon Dioxide to a Fischer Carbene Complex. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 28-30.	7.2	16
44	Catalyzed Dehydrogenative Coupling of Primary Alcohols with Water, Methanol, or Amines. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 559-563.	7.2	461
45	Copper-Catalyzed Alkylation of Sulfonamides with Alcohols. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5912-5915.	7.2	167
46	Water Splitting by Cooperative Catalysis. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8178-8181.	7.2	68
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50	Synthesis of amides through the Cannizzaro-type reaction catalyzed by lanthanide chlorides. <i>Tetrahedron</i> , 2009, 65, 10022-10024.	1.0	36
51	Accessing the amide functionality by the mild and low-cost oxidation of imine. <i>Tetrahedron Letters</i> , 2009, 50, 3436-3438.	0.7	53
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60	Heterobimetallic Lanthanide/Sodium Phenoxides: Efficient Catalysts for Amidation of Aldehydes with Amines. <i>Journal of Organic Chemistry</i> , 2009, 74, 2575-2577.	1.7	124
61	A Strained $S\hat{a}^{1/4}C\hat{a}^{1/4}S$ Ir Pincer Complex: Intramolecular $C\hat{a}^H$ Activation of an Aromatic Ring. <i>Organometallics</i> , 2009, 28, 1969-1972.	1.1	15
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76	Catalytic amide formation with $\alpha$ -hydroxyenones as acylating reagents. <i>Chemical Communications</i> , 2009, , 4566.	2.2	78
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81	Selective oxidation of propylamine to propionitrile and propionaldehyde on oxygen-covered gold. <i>Chemical Communications</i> , 2009, , 761.	2.2	32
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84	Hydrogen generation from formic acid and alcohols using homogeneous catalysts. <i>Chemical Society Reviews</i> , 2010, 39, 81-88.	18.7	613

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111	Synthesis of Cyclic Imides from Simple Diols. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6391-6395.	7.2	105

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113	Group 10 phosphinite POCOP pincer complexes derived from 4-n-dodecylresorcinol: An alternative way to produce non-symmetric pincer compounds. <i>Polyhedron</i> , 2010, 29, 592-600.	1.0	57
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125	N-H Activation of Amines and Ammonia by Ru via Metal-Ligand Cooperation. <i>Journal of the American Chemical Society</i> , 2010, 132, 8542-8543.	6.6	214
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152	Metal-free direct amidation of peptidyl thiol esters with $\alpha$ -amino acid esters. <i>Green Chemistry</i> , 2011, 13, 2723.	4.6	20
153	A terminal nickel(ii) anilide complex featuring an unsymmetrically substituted amido pincer ligand: synthesis and reactivity. <i>Dalton Transactions</i> , 2011, 40, 9004.	1.6	21
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155	Smooth C(alkyl)-H bond activation in rhodium complexes comprising abnormal carbene ligands. <i>Dalton Transactions</i> , 2011, 40, 9911.	1.6	35
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157	1,3-Bis(thiophosphinoyl)indene: A Unique and Versatile Scaffold for Original Polymetallic Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 6378-6383.	1.9	31
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165	Hydrogen peroxide mediated efficient amidation and esterification of aldehydes: Scope and selectivity. <i>Green Chemistry</i> , 2011, 13, 3350.	4.6	66
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168	N-Heterocyclic Carbene Based Ruthenium-Catalyzed Direct Amide Synthesis from Alcohols and Secondary Amines: Involvement of Esters. <i>Journal of Organic Chemistry</i> , 2011, 76, 10005-10010.	1.7	97

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170	New CNN-Type Ruthenium Pincer NHC Complexes. Mild, Efficient Catalytic Hydrogenation of Esters. <i>Organometallics</i> , 2011, 30, 3826-3833.	1.1	177
171	A coordination chemistry dichotomy for icosahedral carborane-based ligands. <i>Nature Chemistry</i> , 2011, 3, 590-596.	6.6	294
172	Tunable Hemilabile Ligands for Adaptive Transition Metal Complexes. <i>Organometallics</i> , 2011, 30, 499-510.	1.1	119
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183	Osmium and Ruthenium Catalysts for Dehydrogenation of Alcohols. <i>Organometallics</i> , 2011, 30, 3479-3482.	1.1	265
184	Electron-Rich PNP- and PNN-Type Ruthenium(II) Hydrido Borohydride Pincer Complexes. Synthesis, Structure, and Catalytic Dehydrogenation of Alcohols and Hydrogenation of Esters. <i>Organometallics</i> , 2011, 30, 5716-5724.	1.1	206
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186	Synthesis of Amides from Esters and Amines with Liberation of $H_2$ under Neutral Conditions. <i>Journal of the American Chemical Society</i> , 2011, 133, 1682-1685.	6.6	253

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189	Synthesis and Reactivity of New Ni, Pd, and Pt 2,6-Bis(di- <i>tert</i> -butylphosphinito)pyridine Pincer Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 9443-9453.	1.9	77
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193	One-pot synthesis of imines from alcohols and amines with TiO <sub>2</sub> loading Pt nanoparticles under UV irradiation. <i>Chemical Communications</i> , 2011, 47, 4811.	2.2	113
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201	Aerobic Oxidations Catalyzed by Colloidal Nanogold. <i>Chemistry - an Asian Journal</i> , 2011, 6, 736-748.	1.7	166
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206	A catalytic synthesis of dialkylamines from alkylamines using neopentyl-substituted PNP pincer-iridium complex. <i>Inorganica Chimica Acta</i> , 2011, 369, 15-18.	1.2	14
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218	General and Selective Palladium-Catalyzed Oxidative Esterification of Alcohols. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5139-5143.	7.2	229
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220	Efficient Hydrogen Production from Alcohols under Mild Reaction Conditions. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9593-9597.	7.2	240
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226	Dinuclear Copper(I) Thiolate Complexes with a Bridging Noninnocent PNP Ligand. <i>Chemistry - A European Journal</i> , 2011, 17, 3850-3854.	1.7	59
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230	New POCOP-type pincer complexes of Nickel(II). <i>Journal of Organometallic Chemistry</i> , 2011, 696, 864-870.	0.8	46
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232	Ruthenium-catalyzed direct amination of alcohols with tertiary amines. <i>Tetrahedron Letters</i> , 2011, 52, 2706-2709.	0.7	33
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269	Facile Synthesis of Sterically Hindered and Electron-Deficient Secondary Amides from Isocyanates. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9173-9175.	7.2	97
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278	Ruthenium(II) Picolyl-NHC Complexes: Synthesis, Characterization, and Catalytic Activity in Amine N-alkylation and Transfer Hydrogenation Reactions. <i>Organometallics</i> , 2012, 31, 6868-6879.	1.1	129
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288	Direct use of dioxygen as an oxygen source: catalytic oxidative synthesis of amides. <i>Chemical Communications</i> , 2012, 48, 305-307.	2.2	54
289	One-Pot Synthesis of Amides from Aldehydes and Amines via C-H Bond Activation. <i>Organic Letters</i> , 2012, 14, 5014-5017.	2.4	106
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983	Metal-Organic Layers Hierarchically Integrate Three Synergistic Active Sites for Tandem Catalysis. <i>Angewandte Chemie</i> , 2021, 133, 3152-3157.	1.6	4
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1133	<i>N</i> -Alkylation of Amines by C1-C10 Aliphatic Alcohols Using A Well-Defined Ru(II)-Catalyst. A Metal-Ligand Cooperative Approach. <i>Journal of Organic Chemistry</i> , 2023, 88, 5944-5961.	1.7	10
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