

Efficient and Recyclable Monomeric and Dendritic Ru-P

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Citation Report

#	ARTICLE	IF	CITATIONS
7	Heterogeneous metathesis initiators11Grant number Y-158 provided by the FWF (Austrian Science Fund), Vienna, AUSTRIA.. Studies in Surface Science and Catalysis, 2000, 143, 305-312.	1.5	3
8	Synthesis and metathesis reactions of a phosphine-free dihydroimidazole carbene ruthenium complex. Tetrahedron Letters, 2000, 41, 9973-9976.	0.7	501
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17	A Pd complex of a tridentate pincer CNC bis-carbene ligand as a robust homogenous Heck catalyst. Chemical Communications, 2001, , 201-202.	2.2	404
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1062	Fast Olefin Metathesis: Synthesis of 2â€“Aryloxyâ€“Substituted Hoveydaâ€“Type Complexes and Application in Ringâ€“Closing Metathesis. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 439-447.	2.1	21
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1371	Synthesis of (2S,3R,4R)-3,4-dihydroxyarginine and its inhibitory activity against nitric oxide synthase. <i>Tetrahedron</i> , 2016, 72, 5602-5611.	1.0	7
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1506	Repurposing a Library of Human Cathepsin L Ligands: Identification of Macrocyclic Lactams as Potent <i>Rhodesia</i> and <i>Trypanosoma brucei</i> Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 3350-3369.	2.9	26
1507	Conformational Control of Initiation Rate in Hoveyda–Grubbs Precatalysts. <i>Organometallics</i> , 2018, 37, 1526-1533.	1.1	9
1508	Boron–boron, carbon–carbon and nitrogen–nitrogen bonding in N-heterocyclic carbenes and their diazaboryl and triazole analogues: Wanzlick equilibrium revisited. <i>New Journal of Chemistry</i> , 2018, 42, 6183-6190.	1.4	7
1509	Access to 3-Oxindoles from Allylic Alcohols and Indoles. <i>Chemistry - A European Journal</i> , 2018, 24, 7964-7969.	1.7	28
1511	New insights into structure–activity relationship of ipomoeassin F from its bioisosteric 5-oxa/aza analogues. <i>European Journal of Medicinal Chemistry</i> , 2018, 144, 751-757.	2.6	9
1512	Formation of tetrasubstituted C=C double bonds via olefin metathesis: challenges, catalysts, and applications in natural product synthesis. <i>Organic Chemistry Frontiers</i> , 2018, 5, 494-516.	2.3	45
1513	Forged and fashioned for faithfulness—ruthenium olefin metathesis catalysts bearing ammonium tags. <i>Chemical Communications</i> , 2018, 54, 122-139.	2.2	44
1514	Bioderived Muconates by Cross-Metathesis and Their Conversion into Terephthalates. <i>ChemSusChem</i> , 2018, 11, 773-780.	3.6	18
1515	Resorcylic acid lactones (RALs) and their structural congeners: recent advances in their biosynthesis, chemical synthesis and biology. <i>New Journal of Chemistry</i> , 2018, 42, 17803-17873.	1.4	29
1516	New olefin metathesis catalysts with fluorinated unsymmetrical imidazole-based ligands. <i>Mendeleev Communications</i> , 2018, 28, 609-611.	0.6	7
1517	Ring Opening Metathesis Polymerization. , 2018, , .		2
1518	Design and 22-step synthesis of highly potent D-ring modified and linker-equipped analogs of spongistatin 1. <i>Nature Communications</i> , 2018, 9, 4710.	5.8	7
1519	Flow-Assisted Switchable Catalysis of Metal Ions in a Microenvelope System Embedded with Core–Shell Polymers. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 43104-43111.	4.0	8
1520	Ring-closing metathesis of unprotected peptides in water. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 9364-9367.	1.5	17
1521	Olefin metathesis catalysts embedded in β -barrel proteins: creating artificial metalloproteins for olefin metathesis. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 2861-2871.	1.3	16
1522	An alternative stereoselective synthesis of greensporone C. <i>Tetrahedron Letters</i> , 2018, 59, 4165-4167.	0.7	8
1524	Molecular Diversity by Olefin Cross-Metathesis on Solid Support. Generation of Libraries of Biologically Promising β -Lactam Derivatives. <i>Molecules</i> , 2018, 23, 1193.	1.7	6

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1526	SIMes/PCy ₃ mixed ligand-coordinated alkyl group-tagged ruthenium indenylidene complexes: Synthesis, characterization and metathesis activity. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4548.	1.7	2
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1528	Acyloxybenzyl and Alkoxyalkyl Prodrugs of a Fosmidomycin Surrogate as Antimalarial and Antitubercular Agents. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 986-989.	1.3	20
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1530	Stereoselective synthesis of a composite knot with nine crossings. <i>Nature Chemistry</i> , 2018, 10, 1083-1088.	6.6	114
1531	A Six-Crossing Doubly Interlocked [2]Catenane with Twisted Rings, and a Molecular Granny Knot. <i>Angewandte Chemie</i> , 2018, 130, 14029-14033.	1.6	15
1532	Potent and Readily Accessible Bistramide...A Analogues through Diverted Total Synthesis. <i>Chemistry - A European Journal</i> , 2018, 24, 16271-16275.	1.7	9
1533	Applications of cyclometalation reaction five-membered ring products. <i>Journal of Organometallic Chemistry</i> , 2018, 869, 88-105.	0.8	12
1534	Reusable N-Heterocyclic Carbene Complex Catalysts and Beyond: A Perspective on Recycling Strategies. <i>Chemical Reviews</i> , 2018, 118, 9843-9929.	23.0	169
1535	Ring-expanded N-heterocyclic carbenes as ligands in iron-catalysed cross-coupling reactions of arylmagnesium reagents and aryl chlorides. <i>Chemical Communications</i> , 2018, 54, 6044-6047.	2.2	29
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1537	Ring-Closing Metathesis in Pharmaceutical Development: Fundamentals, Applications, and Future Directions. <i>Organic Process Research and Development</i> , 2018, 22, 918-946.	1.3	75
1538	Superior Cascade Ring-Opening/Ring-Closing Metathesis Polymerization and Multiple Olefin Metathesis Polymerization: Enhancing the Driving Force for Successful Polymerization of Challenging Monomers. <i>Journal of the American Chemical Society</i> , 2018, 140, 10536-10545.	6.6	21
1539	Synthesis and Catalytic Properties of Sulfur-Chelated Ruthenium Benzylidenes Bearing a Cyclic (Alkyl)(amino)carbene Ligand. <i>ACS Catalysis</i> , 2018, 8, 8182-8191.	5.5	31
1540	GaCl ₃ -Catalyzed Ring-Opening Carbonyl-Olefin Metathesis. <i>Organic Letters</i> , 2018, 20, 4954-4958.	2.4	48
1541	Preparation and Reactions of Mono- and Bis-Pivaloyloxylzinc Acetylides. <i>Organic Letters</i> , 2018, 20, 4601-4605.	2.4	16
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1546	Catalytic synthesis of functionalized (polar and non-polar) polyolefin block copolymers. <i>Chemical Science</i> , 2018, 9, 4703-4707.	3.7	25
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1548	A Six-Crossing Doubly Interlocked [2]Catenane with Twisted Rings, and a Molecular Granny Knot. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13833-13837.	7.2	35
1549	Olefination of Alkyl Halides with Aldehydes by Merging Visible-Light Photoredox Catalysis and Organophosphorus Chemistry. <i>Science</i> , 2018, 6, 102-113.	1.9	11
1550	Unified Total Synthesis, Stereostructural Elucidation, and Biological Evaluation of Sarcophytonolides. <i>Journal of Organic Chemistry</i> , 2018, 83, 11028-11056.	1.7	21
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1552	Ruthenium Olefin Metathesis Catalysts Systematically Modified in Chelating Benzylidene Ether Fragment: Experiment and Computations. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 3675-3685.	1.0	12
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1555	Helicenes as Chirality-Inducing Groups in Transition-Metal Catalysis: The First Helically Chiral Olefin Metathesis Catalyst. <i>Chemistry - A European Journal</i> , 2018, 24, 10994-10998.	1.7	32
1556	Acid-Assisted Direct Olefin Metathesis of Unprotected Carbohydrates in Water. <i>Chemistry - A European Journal</i> , 2019, 25, 14408-14413.	1.7	5
1557	Ferrocene-Containing Conjugated Oligomers Synthesized by Acyclic Diene Metathesis Polymerization. <i>Polymers</i> , 2019, 11, 1334.	2.0	9
1558	Investigation of Transfer Group, Tether Proximity, and Alkene Substitution for Intramolecular Silyloxyprone-Based [5 + 2] Cycloadditions. <i>Journal of Organic Chemistry</i> , 2019, 84, 10306-10320.	1.7	10
1559	Synthesis and Reactivity of Metallocarbene-Containing Polymers. <i>Journal of the American Chemical Society</i> , 2019, 141, 12453-12457.	6.6	8
1560	Integrating Activity with Accessibility in Olefin Metathesis: An Unprecedentedly Reactive Ruthenium-Indenylidene Catalyst. <i>Journal of the American Chemical Society</i> , 2019, 141, 10626-10631.	6.6	50

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1563	Examining the Effects of Monomer and Catalyst Structure on the Mechanism of Ruthenium-Catalyzed Ring-Opening Metathesis Polymerization. <i>Journal of the American Chemical Society</i> , 2019, 141, 17796-17808.	6.6	59
1564	Mechanistic and Kinetic Studies of the Ring Opening Metathesis Polymerization of Norbornenyl Monomers by a Grubbs Third Generation Catalyst. <i>Journal of the American Chemical Society</i> , 2019, 141, 17918-17925.	6.6	46
1565	Tuning the Reactivity of Cyclopropenes from Living Ring-Opening Metathesis Polymerization (ROMP) to Single-Addition and Alternating ROMP. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17771-17776.	7.2	22
1566	A Gentler Touch: Synthesis of Modern Ruthenium Olefin Metathesis Catalysts Sustained by Mechanical Force. <i>ChemCatChem</i> , 2019, 11, 5362-5369.	1.8	14
1567	Tuning the Reactivity of Cyclopropenes from Living Ring-Opening Metathesis Polymerization (ROMP) to Single-Addition and Alternating ROMP. <i>Angewandte Chemie</i> , 2019, 131, 17935-17940.	1.6	3
1568	Metathesis Polymerization in Ionic Media. <i>Polymer Science - Series C</i> , 2019, 61, 2-16.	0.8	8
1569	The Impact of Oxygen on Leading and Emerging Ru-Carbene Catalysts for Olefin Metathesis: An Unanticipated Correlation Between Robustness and Metathesis Activity. <i>ACS Catalysis</i> , 2019, 9, 11329-11334.	5.5	27
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1573	A Divergent Synthetic Route to the Vallesamidine and Schizozygine Alkaloids: Total Synthesis of (+)-Vallesamidine and (+)-14,15-Dehydrostrempepiopine. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18040-18045.	7.2	28
1574	Diastereoselective Hydroxyethylation of α -Hydroxyketones: A Reformatsky Cyclization-Lactone Reduction Cascade Mediated by $\text{SmI}_2 \cdot \text{H}_2\text{O}$. <i>Helvetica Chimica Acta</i> , 2019, 102, e1900227.	1.0	1
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1576	Activation of olefin metathesis complexes containing unsymmetrical unsaturated N-heterocyclic carbenes by copper and gold transmetalation. <i>Chemical Communications</i> , 2019, 55, 11583-11586.	2.2	10
1577	A Total Synthesis of (±)-Leuconodines D and E. <i>Journal of Organic Chemistry</i> , 2019, 84, 13890-13896.	1.7	18
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1583	Effects of knot tightness at the molecular level. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2452-2457.	3.3	37
1584	Synthesis of the non-adjacent bis(tetrahydrofuran) core of squamostanin C by silicon-tethered, size-selective triple ring-closing metathesis. <i>Tetrahedron Letters</i> , 2019, 60, 1773-1776.	0.7	3
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1587	Divergent total synthesis of aspinolides B, E and J. <i>Tetrahedron</i> , 2019, 75, 3933-3938.	1.0	7
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1589	6-Deoxypladienolide D. , 2019, , 111-116.		0
1590	Hyperforin. , 2019, , 153-163.		0
1591	(α^{\sim})-Melonenine A. , 2019, , 211-214.		0
1592	Somocystinamide A. , 2019, , 275-277.		0
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1599	Total Synthesis, Stereochemical Revision, and Biological Assessment of Iriomoteolideâ€“a. Chemistry - A European Journal, 2019, 25, 8528-8542.	1.7	10
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1605	Asymmetric Total Synthesis of Fascicularin by Chiral <i>N</i>-Alkoxyamide Strategy. Organic Letters, 2019, 21, 1868-1871.	2.4	27
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1616	Metal-Mediated Functionalization of Natural Peptides and Proteins: Panning for Bioconjugation Gold. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6176-6199.	7.2	69
1617	Valorisation of plant oil derivatives via metathesis reactions: Study of the cross-metathesis of methyl oleate with cinnamaldehyde. <i>Molecular Catalysis</i> , 2020, 481, 100612.	1.0	5
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1635	Decomposition of Ruthenium Olefin Metathesis Catalyst. <i>Catalysts</i> , 2020, 10, 887.	1.6	45
1636	Impact of Ethylene on Efficiency and Stereocontrol in Olefin Metathesis: When to Add It, When to Remove It, and When to Avoid It. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22324-22348.	7.2	44
1637	Impact of Ethylene on Efficiency and Stereocontrol in Olefin Metathesis: When to Add It, When to Remove It, and When to Avoid It. <i>Angewandte Chemie</i> , 2020, 132, 22508-22532.	1.6	13
1638	Tying different knots in a molecular strand. <i>Nature</i> , 2020, 584, 562-568.	13.7	74
1639	Durch Nitro- und andere elektronenziehende Gruppen aktivierte Ruthenium-Katalysatoren für die Olefinmetathese. <i>Angewandte Chemie</i> , 2020, 133, 13854.	1.6	2
1640	Nitro and Other Electron Withdrawing Group Activated Ruthenium Catalysts for Olefin Metathesis Reactions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13738-13756.	7.2	44
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