

General regiospecific synthesis of annulated quinones

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Trialkylsilyloxyalkynes: Synthesis and aromatic annulation reactions. <i>Tetrahedron Letters</i> , 1988, 29, 4917-4920.	0.7	69
2	Photolysis of 4-substituted-4-hydroxy-3-cyclobuten-1-ones: a new route to butenolides from 4-hydroxycyclobutenones. <i>Tetrahedron Letters</i> , 1988, 29, 3529-3532.	0.7	20
4	Synthesis of 4-(O-Arylsulfonyl)quinoline-5,8-quinones. <i>Synthetic Communications</i> , 1989, 19, 2647-2658.	1.1	2
5	Cyclobutenediones as precursors to quinones and cyclopentenones. <i>Tetrahedron</i> , 1989, 45, 3053-3060.	1.0	98
6	Heterocyclic Quinones. <i>Advances in Heterocyclic Chemistry</i> , 1989, 45, 37-150.	0.9	37
7	Synthesis of substituted cyclobutenediones by the palladium catalyzed cross-coupling of halocyclobutenediones with organostannanes.. <i>Tetrahedron Letters</i> , 1990, 31, 4293-4296.	0.7	49
8	Rearrangement of o-alkynyl substituted $\hat{1}\pm$ -diazoacetophenones. Conversion to $\hat{1}^2$ -naphthols via arylketene intermediates. <i>Tetrahedron Letters</i> , 1991, 32, 5923-5926.	0.7	39
9	Synthesis of substituted cyclobutenediones from 3-ethenyl-4-methoxy-cyclobutene-1,2-dione. <i>Tetrahedron Letters</i> , 1991, 32, 1129-1132.	0.7	13
10	Synthesis of indolizine-5,8-diones and [3.2.2]cyclazines. <i>Tetrahedron Letters</i> , 1992, 33, 7811-7814.	0.7	27
11	Photoinduced Molecular Transformations. Part 142. One-step syntheses of 1H-benz[f]indole-4,9-diones and 1H-indole-4,7-diones by a new regioselective photoaddition of 2-amino-1,4-naphthoquinones and 2-amino-1,4-benzoquinones with alkenes. <i>Helvetica Chimica Acta</i> , 1993, 76, 2942-2950.	1.0	18
12	Regiocontrol in the synthesis of naphthoquinones. Regiospecific synthesis of lomandrone and aristolindiquinone. <i>Tetrahedron Letters</i> , 1993, 34, 235-238.	0.7	25
13	Synthesis of $\hat{1}^3$ -acylmethylenetetronates from squaric acid. <i>Tetrahedron Letters</i> , 1993, 34, 4807-4810.	0.7	7
14	Popolohuanone E, a topoisomerase-II inhibitor with selective lung tumor cytotoxicity from the Pohnpei sponge <i>Dysidea</i> sp.. <i>Tetrahedron Letters</i> , 1993, 34, 3727-3730.	0.7	59
15	One-step synthesis of 2,3-dihydronaphtho[2,3-b]thiophene-4,9-diones by a new regioselective [3 + 2] photoaddition of photogenerated 2-mercapto-1,4-naphthoquinone with alkenes. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 807.	2.0	11
16	Photoinduced molecular transformations. Part 141. New one-step general synthesis of benzofuran-4,7-diones by the regioselective (3 + 2) photoaddition of 2-hydroxy-1,4-benzoquinones with various alkenes. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993, , 1449.	0.9	11
17	Ring transformation of 4-acylmethyl-2-chloro-4-hydroxy-2-cyclobutenone to $\hat{1}^3$ -acylmethylenetetronate by thermal rearrangement: New synthetic aspect of squaric acid as a C4-synthon. <i>Tetrahedron</i> , 1994, 50, 7783-7798.	1.0	26
18	Chiral pool synthesis of trans-(2S3S)-3-hydroxyproline and castanodiol from S-pyroglutamic acid.. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 119-128.	1.8	67
19	Transition Metal Carbene Complexes: Alkyne and Vinyl Ketene Chemistry. , 1995, , 469-547.		84

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20	Synthesis of functionalized phenolic derivatives via the benzannulation of dienylketenes formed by a thermal wolff rearrangement of α -diazo- β -keto compounds. <i>Tetrahedron</i> , 1996, 52, 6665-6684.	1.0	24
21	New annulation reactions of cyclobutenones. <i>Tetrahedron Letters</i> , 1997, 38, 2231-2234.	0.7	14
22	Olefination of dialkyl squarates by wittig and horner-emmons reactions. A facile synthesis of 3,4-dioxo-1-cyclobutene-1-acetic acid esters. <i>Tetrahedron Letters</i> , 1997, 38, 7091-7094.	0.7	12
23	Unexpected formation of novel butenolides by thermolysis of o-carboranyl substituted cyclobutenones. <i>Tetrahedron Letters</i> , 1998, 39, 1869-1872.	0.7	7
24	Cascade Rearrangements Following Twofold Addition of Alkenyl Anions to Squarate Esters. <i>European Journal of Organic Chemistry</i> , 1998, 1998, 1709-1728.	1.2	41
25	TFA-catalyzed ring transformation of 4-hydroxycyclobutenone: A simple and general route for preparation of 3-substituted 4-aminofuran-2(5H)-ones. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 66-71.	1.3	15
26	DYKAT of Baylis-Hillman Adducts: Concise Total Synthesis of Furaquinocin E. <i>Journal of the American Chemical Society</i> , 2002, 124, 11616-11617.	6.6	144
27	1,2-Dioxo-3-isopropoxy-4-methyl-3-cyclobutene as a nucleophilic synthon. Synthesis of Sq-containing cinnamic acid derivatives. <i>Tetrahedron Letters</i> , 2002, 43, 6755-6758.	0.7	6
28	The Application of Cyclobutane Derivatives in Organic Synthesis. <i>Chemical Reviews</i> , 2003, 103, 1485-1538.	23.0	590
29	Total Syntheses of Furaquinocin A, B, and E. <i>Journal of the American Chemical Society</i> , 2003, 125, 13155-13164.	6.6	156
30	Benzannulation of heterocyclic ring systems through coupling of Fischer carbene complexes and heterocycle-bridged enynes. <i>Tetrahedron Letters</i> , 2005, 46, 2211-2214.	0.7	24
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32	The Total Synthesis of Naturally Occurring Quinones. <i>Total Synthesis of Natural Products</i> , 2007, , 311-531.	0.1	6
33	Thermally Induced Cyclobutenone Rearrangements and Domino Reactions. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 425-428.	7.2	46
35	Ring Selectivity: Successive Ring Expansion of Two Benzocyclobutenes for Divergent Access to Angular and Linear Benzantraquinones. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2248-2252.	7.2	37
37	Studies on quinones. Part 43: Synthesis and cytotoxic evaluation of polyoxyethylene-containing 1,4-naphthoquinones. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 3687-3693.	1.4	24
38	New Syntheses and Ring Expansion Reactions of Cyclobutenimines. <i>Australian Journal of Chemistry</i> , 2010, 63, 1656.	0.5	3
39	Synthesis and electro-spectroelectrochemistry of ferrocenyl naphthaquinones. <i>Tetrahedron</i> , 2011, 67, 1406-1421.	1.0	14

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41	Colour-responsive fluorescent oxy radical sensors. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 1775.	1.5	8
42	3-Alkenylation or 3-Alkylation of Indole with Propargylic Alcohols: Construction of 3,4-Dihydrocyclopenta[<i>b</i>]indole and 1,4-Dihydrocyclopenta[<i>b</i>]indole in the Presence of Different Catalysts. <i>Journal of Organic Chemistry</i> , 2012, 77, 9510-9520.	1.7	76
44	An Efficient Flow-Photochemical Synthesis of 5-Hydroxy-Furanones Leads to an Understanding of Torquoselectivity in Cyclobutenone Rearrangements. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4405-4408.	7.2	53
45	Copper(II)-Mediated Synthesis of Indolequinones from Bromoquinones and Enamines. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 2179-2187.	1.2	19
46	Structure and Mechanism in Ketene Chemistry. <i>Advances in Physical Organic Chemistry</i> , 2014, , 229-324.	0.5	5
47	Synthesis and characterization of solution processable 6,11-dialkynyl substituted indeno[1,2- <i>b</i>]anthracenes. <i>Dyes and Pigments</i> , 2014, 100, 104-117.	2.0	8
48	Total Synthesis of Mansonone E. <i>Journal of Chemical Research</i> , 2014, 38, 137-139.	0.6	2
49	Total Synthesis of Carbazomycin G by a Thermal Ring Expansion/Self-Redox Reaction Cascade. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 3715-3718.	1.2	7
51	A Procedure for Transforming Indoles into Indolequinones. <i>Journal of Organic Chemistry</i> , 2015, 80, 1006-1017.	1.7	20
52	Preparation of indolequinones and their applications in organic synthesis. <i>Tetrahedron</i> , 2015, 71, 895-916.	1.0	7
53	Synthesis of an Isotopically Labeled Naphthalene Derivative That Supports a Long-Lived Nuclear Singlet State. <i>Organic Letters</i> , 2015, 17, 2150-2153.	2.4	21
54	Cyclobutenones and Benzocyclobutenones: Versatile Synthons in Organic Synthesis. <i>Chemistry - A European Journal</i> , 2016, 22, 18290-18315.	1.7	108
55	Enantioselective Construction of Chiral 2,3-cis-Dimethyldihydrobenzofuran with an All-Carbon Quaternary Center: An Efficient Approach to (+)-(+)-Pipizone and (+)-Epi-Furaquinocin C. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1229-1240.	1.1	10
56	Steric Buttressing Changes Torquospecificity in Thermal Cyclobutenone Rearrangements, Providing New Opportunities for 5H-Furanone Synthesis. <i>Synthesis</i> , 2017, 49, 3091-3106.	1.2	5
57	Total synthesis of (±)-naphthacemycin A9, possessing both antibacterial activity against methicillin-resistant <i>Staphylococcus aureus</i> and circumventing effect of β-lactam resistance. <i>Journal of Antibiotics</i> , 2017, 70, 574-581.	1.0	22
58	Total synthesis of kealiquinone: the regio-controlled strategy for accessing its 1-methyl-4-arylbenzimidazolone core. <i>RSC Advances</i> , 2018, 8, 30761-30776.	1.7	18
59	A Thermally Induced Hydride Transfer from an Amine to an Allene Triggers an Annulation Reaction, Giving Dihydrofuopyridinones. <i>Organic Letters</i> , 2018, 20, 4346-4349.	2.4	9

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60	Protecting-Group-Free Total Synthesis and Biological Evaluation of 3-Methylkealiquinone and Structural Analogues. <i>Journal of Organic Chemistry</i> , 2018, 83, 10627-10635.	1.7	22
61	Total synthesis of the linear and angular 3-methylated regioisomers of the marine natural product Kealiquinone and biological evaluation of related Leucetta sp. alkaloids on human breast cancer. <i>Medicinal Chemistry Research</i> , 2019, 28, 473-484.	1.1	12
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65	Palladium-Catalyzed Domino Reaction for the Assembly of Norbornane-Containing Chromones with Dimethyl Squarate as the Solid C1 Source. <i>Organic Letters</i> , 2022, 24, 9392-9397.	2.4	5
66	A simple synthesis of natural spinazarins and their analogues. <i>Mendeleev Communications</i> , 2023, 33, 231-233.	0.6	0