

Total Synthesis of (+)-Aloperine. Use of a Nitrogen-Bound Intramolecular Diels-Alder Reaction

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Intramolecular diels-alder reactions of diester-tethered trienes. synthesis of medium ring-containing carbocycles and heterocycles. <i>Tetrahedron</i> , 1999, 55, 15045-15066.	1.0	8
4	Highly Diastereoselective Intramolecular Diels-Alder Reactions of Furan-Tethered 1-Alkenesulfinic Acid Esters. <i>Organic Letters</i> , 1999, 1, 487-490.	2.4	10
5	Diels-Alder Cycloadditions of Ethyl 2-Carbomethoxyethenesulfonates with Cyclopentadiene. Lewis Acid Enhancement and Adduct Identification with the Assistance of Competitive Stereodifferentiating Iodolactonization and Iodosulfonization Reactions. <i>Journal of Organic Chemistry</i> , 1999, 64, 8138-8143.	1.7	7
6	High Pressure Intramolecular Diels-Alder Reactions of Vinylsulfonates and Vinylsulfonamides. <i>Tetrahedron</i> , 2000, 56, 873-879.	1.0	67
7	Synthesis, Reactivity and Demetallation of Tungsten-Azacyclic Carbeniums via Cycloalkenation of Tungsten-Alkynylamine Compounds. <i>Tetrahedron</i> , 2000, 56, 5029-5035.	1.0	8
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9	Synthetic methods. <i>Annual Reports on the Progress of Chemistry Section B</i> , 2000, 96, 23-38.	0.8	1
10	Indolizidine and quinolizidine alkaloids. <i>Natural Product Reports</i> , 2000, 17, 579-602.	5.2	70
11	Synthesis highlights: a review of the literature for 1999. <i>Annual Reports on the Progress of Chemistry Section B</i> , 2000, 96, 259-290.	0.8	4
12	Protecting groups. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 2495-2527.	1.3	39
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14	2 Synthetic methods. Part (ii) Pericyclic methods. <i>Annual Reports on the Progress of Chemistry Section B</i> , 2001, 97, 21-40.	0.8	1
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16	Palladium-catalyzed coupling of vinyl phosphates with aryl or heteroaryl boronic acids. Application to the synthesis of substituted nitrogen containing heterocycles. <i>Tetrahedron</i> , 2001, 57, 6969-6975.	1.0	63
17	Asymmetric Diels-Alder reactions of optically active oxazolidinone-derived vinylsulfonamides. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 1811-1815.	1.8	18
18	Concise Total Synthesis of (±)-Aloperine and 6-epi-Aloperine. <i>Organic Letters</i> , 2002, 4, 2925-2928.	2.4	21
20	The Intramolecular Diels-Alder Strategy: Applications to Total Synthesis of Natural Products.. Yuki Gosei Kagaku Kyokaiishi/ <i>Journal of Synthetic Organic Chemistry</i> , 2002, 60, 679-690.	0.0	16
22	The Diels-Alder Reaction in Total Synthesis. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1668-1698.	7.2	1,570

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29	Preparation of enantiopure sultams by intramolecular Diels-Alder reaction of 1,3-cyclohexadiene-containing vinylsulfonamides. , 0, , .		0
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36	Synthesis of an Optically Pure Synthetic Intermediate of Aloperine from a Yeast-Reductive Product. <i>Bioscience, Biotechnology and Biochemistry</i> , 2005, 69, 1589-1594.	0.6	5
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38	β -Acyloxysulfonyl Tethers for Intramolecular Diels-Alder Cycloaddition Reactions. <i>Organic Letters</i> , 2005, 7, 3203-3206.	2.4	17
39	Recent Advances in Natural Product Synthesis by Using Intramolecular Diels-Alder Reactions. <i>Chemical Reviews</i> , 2005, 105, 4779-4807.	23.0	593
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49	Synthesis of nitrogen-containing spirocyclic scaffolds via aminoallylation/RCM sequence. <i>Tetrahedron</i> , 2007, 63, 10486-10496.	1.0	33
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59	<i>Daucus carota</i> -Mediated-Reduction of Cyclic 3-Oxo-amines. <i>Organic Letters</i> , 2009, 11, 1245-1248.	2.4	40
61	Highly Diastereoselective Synthesis of $\hat{1}^{\pm}$ -Difluoromethyl Amines from <i>N</i> - <i>tert</i> -Butylsulfinyl Ketimines and Difluoromethyl Phenyl Sulfone. <i>Chemistry - A European Journal</i> , 2010, 16, 11443-11454.	1.7	50
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63	Total Synthesis of (±)- and (∗)-Actinophyllic Acid. <i>Journal of the American Chemical Society</i> , 2010, 132, 4894-4906.	6.6	117
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79	A Concise Synthesis of (<i>E</i>)-3-Amino-1-phenyl-1-butene, a Monoamine Oxidase Inhibitor. <i>Organic Preparations and Procedures International</i> , 2014, 46, 381-385.	0.6	1
80	5.11 Intramolecular and Transannular Diels-Alder Reactions. , 2014, , 466-517.		8
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93	A Deprotonation Approach to the Unprecedented Amino-Trimethylenemethane Chemistry: Regio-, Diastereo-, and Enantioselective Synthesis of Complex Amino Cycles. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11025-11029.	7.2	39
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97	Rhodium-Catalyzed Asymmetric Intramolecular Hydroamination of Allenes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9994-9997.	7.2	31
98	Syntheses of Natural Compounds from Yeast-reduction Products of Cyclic β^3 -Keto Ester and Application to Agrichemicals. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2021, 79, 34-42.	0.0	0
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