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Exploratory, mechanistic, and synthetic aspects of silylarene-iminium salt SET photochemistry. Studies of diradical cyclization processes and applications to protoberberine alkaloid synthesis

DOI: 10.1021/jo00256a038

Journal of Organic Chemistry, 1988, 53, 5113-5127.

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#	Paper	IF	Citations
31	A new synthesis of 10,11-dihydrodibenz(b,f)oxepin-10-ones: Key intermediates to cularine alkaloids. <i>Tetrahedron Letters</i> , 1989 , 30, 6927-6928	2	10
30	ChemInform Abstract: Exploratory, Mechanistic, and Synthetic Aspects of Silylarene-Imminium Salt SET Photochemistry. Studies of Diradical Cyclization Processes and Applications to Protoberberine Alkaloid Synthesis.. <i>ChemInform</i> , 1989 , 20, no		
29	Beta-phenylethylamines and the isoquinoline alkaloids. <i>Natural Product Reports</i> , 1990 , 7, 245-68	15.1	11
28	The Intramolecular Mannich and Related Reactions. 1991 , 1007-1046		40
27	Silicon-the silicon-carbon bond: annual survey for the year 1988. <i>Journal of Organometallic Chemistry</i> , 1991 , 416, 1-200	2.3	7
26	Synthesis of protoberberine alkaloids. <i>Chemistry of Natural Compounds</i> , 1992 , 28, 391-407	0.7	1
25	A new method in radical chemistry: Generation of radicals by photo-induced electron transfer and fragmentation of the radical cation. <i>Tetrahedron</i> , 1994 , 50, 575-607	2.4	69
24	Total synthesis of cularine alkaloids via dibenzoxepines as key intermediates. <i>Tetrahedron</i> , 1995 , 51, 8585-8598	2.4	24
23	Lateral Lithiation Reactions Promoted by Heteroatomic Substituents. 1995 , 1-314		18
22	Total Synthesis of (-)-Tetrahydropalmatine via Chiral Formamidinium Carbanions: Unexpected Behavior with Certain Ortho-Substituted Electrophiles. <i>Journal of Organic Chemistry</i> , 1996 , 61, 573-580	4.2	64
21	Hydrolytic Stabilization of Protected p-Hydroxybenzyl Halides Designed as Latent Quinone Methide Precursors. <i>Journal of Organic Chemistry</i> , 1999 , 64, 7988-7995	4.2	16
20	Development of Polymer-Supported Benzotriazole as a Novel Traceless Linker for Solid-Phase Organic Synthesis(1). <i>Journal of Organic Chemistry</i> , 1999 , 64, 4972-4975	4.2	40
19	Donor-Acceptor Binary Photocatalysis System Illustrated by the Intramolecular Cyclization of a Cyclopropanone Acetal Tethered to Cyclohexen-2-one. <i>Bulletin of the Chemical Society of Japan</i> , 1999 , 72, 511-517	5.1	6
18	Cyclic azomethines and their hydrogenated derivatives. (Review). <i>Chemistry of Heterocyclic Compounds</i> , 2000 , 36, 501-526	1.4	1
17	Determining the scope of the lanthanide mediated, sequential hydroamination/C α cyclization reaction: formation of tricyclic and tetracyclic aromatic nitrogen heterocycles. <i>Tetrahedron</i> , 2003 , 59, 10581-10591	2.4	37
16	An exception of eschweiler-clarke methylation: Cyclocondensation of β -amino amides with formaldehyde and formic acid. <i>Journal of Heterocyclic Chemistry</i> , 2004 , 41, 697-700	1.9	4
15	Asymmetric synthesis of dialkyloxy-3-alkylammonium cationic lipids. <i>Journal of Organic Chemistry</i> , 2004 , 69, 980-3	4.2	20

14	The photochemistry of polydonor-substituted phthalimides: Curtin-Hammett-type control of competing reactions of potentially interconverting zwitterionic biradical intermediates. <i>Journal of the American Chemical Society</i> , 2004 , 126, 1110-24	16.4	63
13	Aminomethyl tetrahydronaphthalene ketopiperazine MCH-R1 antagonists--Increasing selectivity over hERG. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 819-22	2.9	8
12	Aminomethyl tetrahydronaphthalene biphenyl carboxamide MCH-R1 antagonists--Increasing selectivity over hERG. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 814-8	2.9	19
11	Photochemistry of Amines and Amino Compounds. 2009 ,		
10	New Approaches to 6-Oxoisoaporphine and Tetrahydroisoquinoline Derivatives. <i>Helvetica Chimica Acta</i> , 2010 , 93, 1385-1394	2	5
9	Bradsher Pyridinium Salt Synthesis. 2010 , 511		
8	Bradsher Cyclization. 2010 , 501		
7	A strategy for the preparation of cyclic polyarenes based on single electron transfer-promoted photocyclization reactions. <i>Research on Chemical Intermediates</i> , 2012 , 38, 847-862	2.8	2
6	Method for the synthesis of amine-functionalized fullerenes involving SET-promoted photoaddition reactions of β -ilylamines. <i>Journal of Organic Chemistry</i> , 2014 , 79, 6946-58	4.2	29
5	Influence of the -CH ₂ X substituent on the regioselectivity of intramolecular meta-photocycloaddition reactions. <i>Journal of Organic Chemistry</i> , 2015 , 80, 2017-23	4.2	12
4	Multicomponent Synthesis of Tetrahydroisoquinolines. <i>Organic Letters</i> , 2018 , 20, 3460-3464	6.2	36
3	PET-reactions of aromatic compounds. <i>Topics in Current Chemistry</i> , 1993 , 143-173		27
2	Gold catalysed site-selective cross-coupling of tertiary β -ilylamines with 1-iodoalkynes under UVA LED light.		0
1	Properties and Catalytic Activity of Hoveyda-Grubbs-Type Catalysts with an S- π -Ru Coordination Bond in a Six-Membered Chelate Ring. 2023 , 42, 218-234		0