



Tetrahedron Vol. 69, Issue 12, 2013

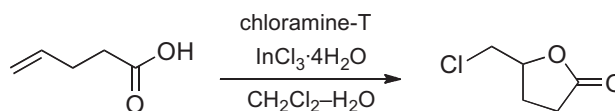
Contents

ARTICLES

Indium chloride mediated chlorolactonization: construction of chlorinated lactone fragments

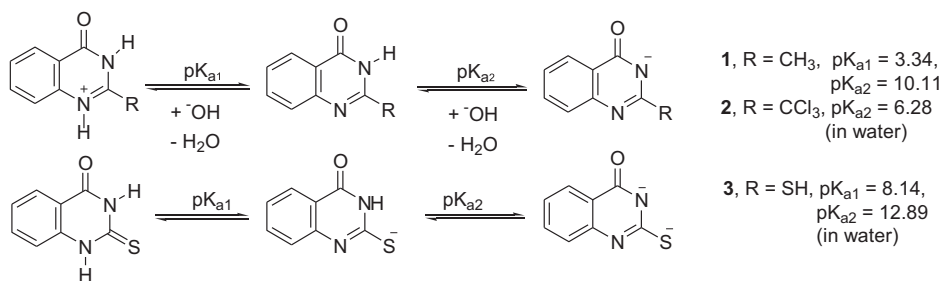
pp 2519–2523

Hideki Abe, Naoki Fukazawa, Toyoharu Kobayashi, Hisanaka Ito*

**Ultraviolet–visible study on acid–base equilibria of 2-substituted-4(3H)-quinazolinones**

pp 2524–2533

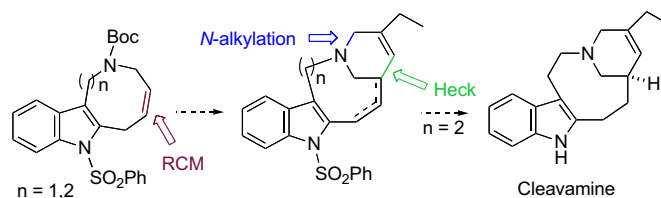
Yoke-Leng Sim*, Noridayu Omer, M. Niyaz Khan, Lawrence M. Pratt



Synthesis of cleavamine-type indole alkaloids and their 5-nor derivatives by a ring-closing metathesis–vinyl halide Heck cyclization strategy

pp 2534–2541

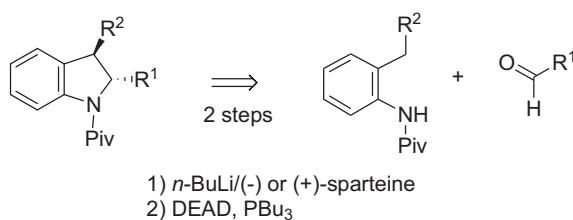
M.-Lluïsa Bennasar*, Daniel Solé, Ester Zulaica, Sandra Alonso



Mitsunobu cyclodehydration of *N*-pivaloyl-2-aminophenethyl alcohol for asymmetric synthesis of *trans*-2,3-disubstituted indolines

pp 2542–2549

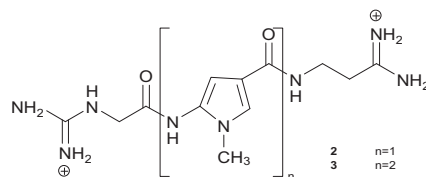
Kyoung Hee Kang, Yelim Kim, Chan Im, Yong Sun Park*



Synthesis of the new oligopeptide pyrrole derivative isonetropsin and its one pyrrole unit analogue

pp 2550–2554

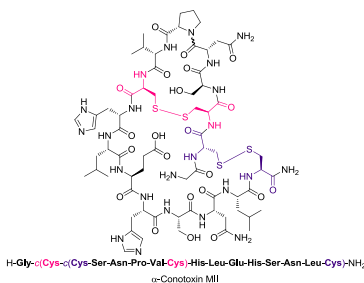
Alessandra Montalbano, Barbara Parrino, Patrizia Diana, Paola Barraja, Anna Carbone, Virginia Spanò, Girolamo Cirrincione*



Total synthesis of α -conotoxin MII using a soluble-tag-assisted method

pp 2555–2559

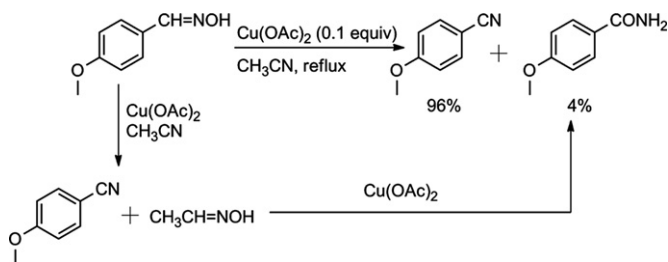
Shingo Kitada, Shuji Fujita, Yohei Okada, Shokaku Kim, Kazuhiro Chiba*



Conversion of aldoximes into nitriles catalyzed by simple transition metal salt of the fourth period in acetonitrile

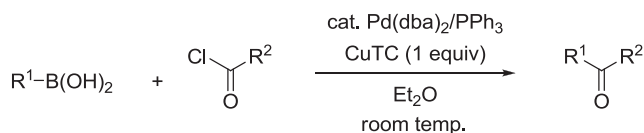
pp 2560–2564

Xiao-Yun Ma, Ying He, Ting-Ting Lu, Ming Lu*

**Palladium-catalyzed and copper-mediated cross-coupling reaction of aryl- or alkenylboronic acids with acid chlorides under neutral conditions: efficient synthetic methods for diaryl ketones and chalcones at room temperature**

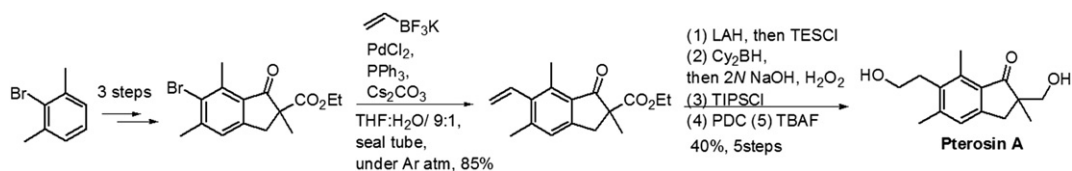
pp 2565–2571

Daisuke Ogawa, Keita Hyodo, Masato Suetsugu, Jing Li, Yoshiaki Inoue, Mamoru Fujisawa, Masayuki Iwasaki, Kentaro Takagi, Yasushi Nishihara*

 R^1 = aryl, alkenyl R^2 = aryl, heteroaryl, alkenyl, alkyl**Synthesis of (±)-pterosin A via Suzuki–Miyaura cross-coupling reaction**

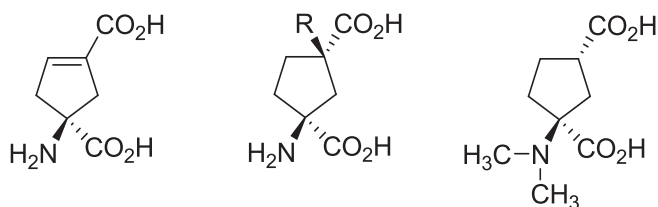
pp 2572–2576

Shao-Chien Hsu, Mogili Narsingam, Yi-Fang Lin, Feng-Lin Hsu, Biing-Jiun Uang*

**Synthesis and inhibitory activities at mGluRs of 3-alkylated and N-alkylated cyclopentyl-glutamate analogues**

pp 2577–2587

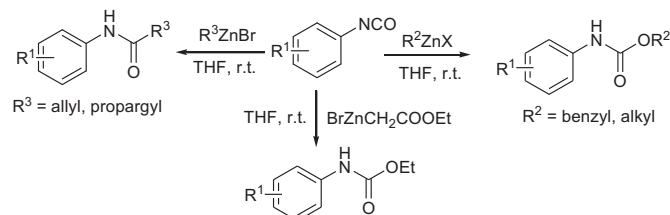
Alison T. Ung*, Stephen G. Pyne, François Bischoff, Anne S.J. Lesage, Brian W. Skelton, Allan H. White



Reaction of organozinc halides with aryl isocyanates

pp 2588–2593

Haoran Yang, Danfeng Huang, Ke-Hu Wang, Changming Xu, Teng Niu, Yulai Hu*

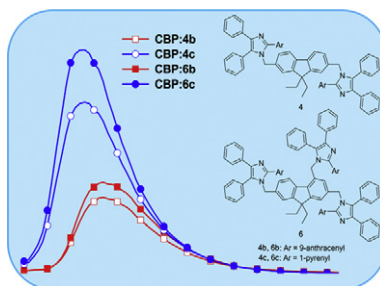


Reformatsky reagent, benzylzinc bromide and alkylzinc iodides react with aryl isocyanates directly to give corresponding *N*-substituted carbamates under mild reaction conditions. The reaction of allylzinc bromide or propargylzinc bromide with aryl isocyanates produces the corresponding *N*-substituted amides.

**Synthesis, optical properties, and blue electroluminescence of fluorene derivatives containing multiple imidazoles bearing polyaromatic hydrocarbons**

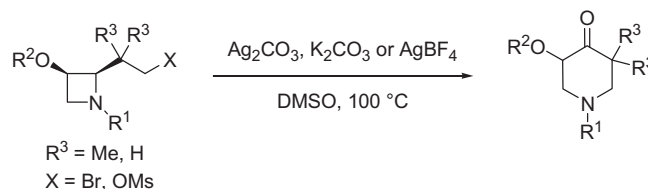
pp 2594–2602

Dhirendra Kumar, K.R. Justin Thomas*, Yu-Lin Chen, Yung-Cheng Jou, Jwo-Huei Jou*

**Synthesis of piperidin-4-ones starting from 2-(2-bromo-1,1-dimethylethyl)azetidines and 2-(2-mesyloxyethyl)azetidines through a ring expansion–oxidation protocol**

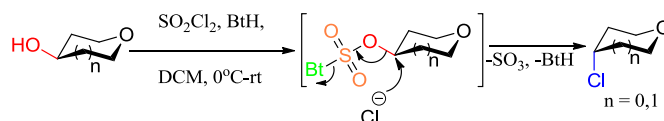
pp 2603–2607

Karen Mollet, Matthias D'hooghe*, Leen Broeckx, Barbara Danneels, Tom Desmet, Norbert De Kimpe*

**One pot conversion of carbohydrates alcohol into chloride via benzotriazole sulfonate**

pp 2608–2612

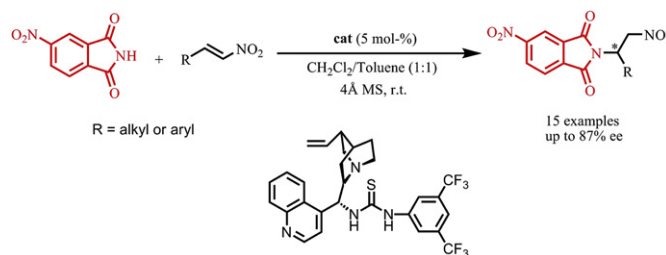
Chandra S. Azad, Anil K. Saxena*



Asymmetric aza-Michael additions of 4-nitrophthalimide to nitroalkenes and preliminary study of the products for herbicidal activities

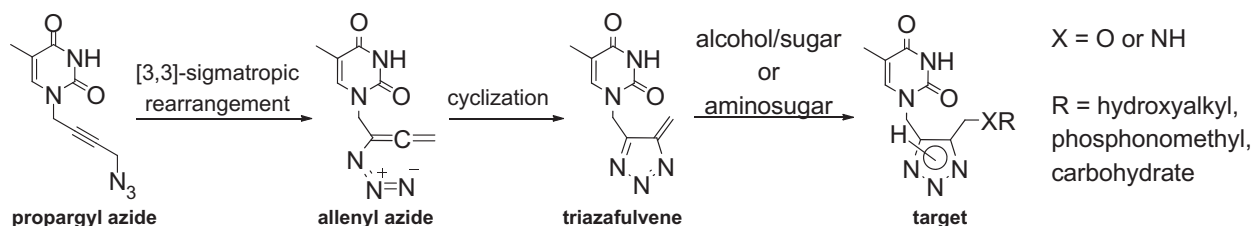
pp 2613–2618

Shijun Ma, Lulu Wu, Ming Liu, Yaodong Huang*, Yongmei Wang*

**Synthesis of novel NH-1,2,3-triazolo-nucleosides by the Banert cascade reaction**

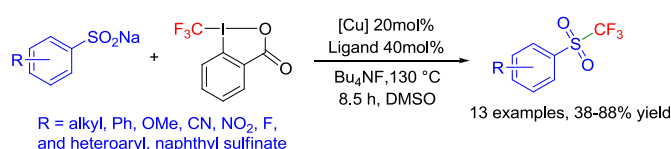
pp 2619–2627

Mariola Koszytkowska-Stawińska*, Wojciech Sas

**Copper-catalyzed trifluoromethylation of arylsulfinate salts using an electrophilic trifluoromethylation reagent**

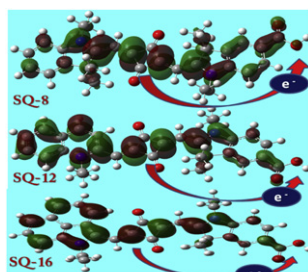
pp 2628–2632

Xiaoxi Lin, Guimei Wang, Huaifeng Li, Yuanyuan Huang, Weiming He, Dandan Ye, Kuo-Wei Huang*, Yaofeng Yuan, Zhiqiang Weng*

**Effect of extended π-conjugation on photovoltaic performance of dye sensitized solar cells based on unsymmetrical squaraine dyes**

pp 2633–2639

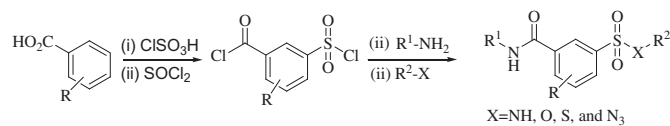
Shyam S. Pandey*, Rie Watanabe, Naotaka Fujikawa, Gururaj M. Shivashimpi, Yuhei Ogomi, Yoshihiro Yamaguchi, Shuzi Hayase



Chemoselective synthesis of aryl carboxamido sulfonic acid derivatives

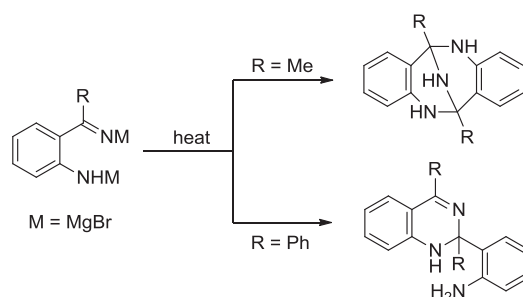
pp 2640–2646

Yung-Lin Yang, Basker Rajagopal, Chien-Fu Liang, Chun-Chi Chen, Hsiu-Ping Lai, Chih-Hung Chou, Yen-Pin Lee, Yen-Ling Yang, Jing-Wen Zeng, Chun-Lin Ou, Po-Chiao Lin*

**Synthetic studies towards 1,5-benzodiazocines**

pp 2647–2654

Birgitta Pettersson, Jan Bergman*, Per H. Svensson

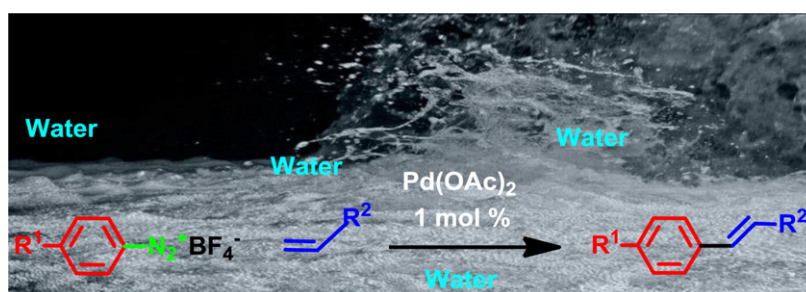


The dianion, formed by addition of Grignard reagents to anthranilonitrile provides a rapid entry to quinazolines and benzodiazepines. Additionally, this dianion can be converted into NH-bridged 1,5-benzodiazocines.

Heck–Matsuda reaction of arenediazonium salts in water


pp 2655–2659

Jordi Salabert, Rosa María Sebastián*, Adelina Vallibera*, José Francisco Cívicos, Carmen Nájera*



Tetrahedron reports on organic chemistry	I–XX
Tetrahedron Perspectives	XXI
Tetrahedron reports on organic chemistry order form	XXII
Tetrahedron reports on organic chemistry author index	XXIII–XXXI

*Corresponding author

 Supplementary data available via SciVerse ScienceDirect

Available online at www.sciencedirect.com

SciVerse ScienceDirect

Full text of this journal is available, on-line from **SciVerse ScienceDirect**. Visit www.sciencedirect.com for more information.

Abstracted/indexed in: AGRICOLA, Beilstein, BIOSIS Previews, CAB Abstracts, Chemical Abstracts, Current Contents: Life Sciences, Current Contents: Physical, Chemical and Earth Sciences, Current Contents Search, Derwent Drug File, Ei compendex, EMBASE/ Excerpta Medica, Medline, PASCAL, Research Alert, Science Citation Index, SciSearch. Also covered in the abstract and citation database Sciverse SCOPUS®. Full text available on Sciverse ScienceDirect®



ELSEVIER

ISSN 0040-4020