



Tetrahedron Vol. 65, Issue 43, 2009

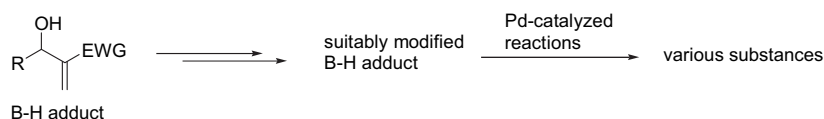
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REPORT

Recent advances in the Pd-catalyzed chemical transformations of Baylis–Hillman adducts

pp 8769–8780

Saravanan Gowrisankar, Hyun Seung Lee, Sung Hwan Kim, Ka Young Lee, Jae Nyoung Kim*

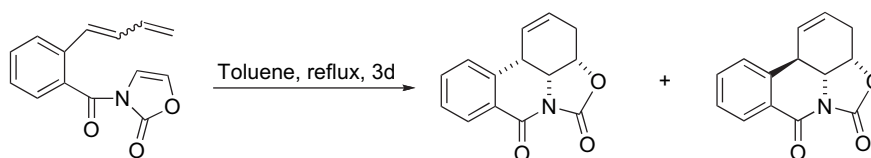


ARTICLES

2-Dienylphenacyloxazolones and an intramolecular Diels–Alder approach to the A–B–C ring system of phenanthridone alkaloids

pp 8781–8785

Faith Corbo Gaenzler, Chen (Lisa) Guo, Yun-Wei Zhang, Mohammad E. Azab, Mounir A.I. Salem, Dong Ping Fan, Michael B. Smith*

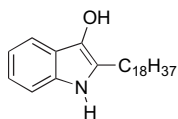


A general route to the A–B–C ring system of phenanthridone alkaloids is available by acylation of 2-oxazolone with a 2-butadienylbenzoic acid derivative, followed by an intramolecular Diels–Alder reaction and hydrolysis.

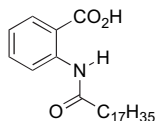


Attempted synthesis of 3-hydroxy-2-octadecylindole. Proposed structural revision of previously prepared 3-hydroxy-2-octadecylindole and a proposed structure of fistulosin pp 8786–8793

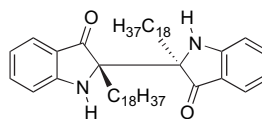
Ronald W. Clawson, Jr., Christopher A. Dacko, Robert E. Deavers, III, Novruz G. Akhmedov, Björn C.G. Söderberg*



originally proposed structure of fistulosin



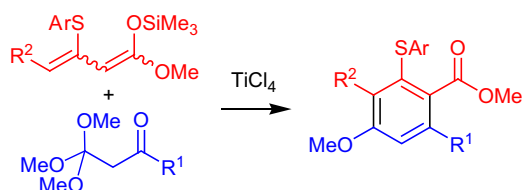
revised proposed structure of fistulosin



revised structure of synthetic fistulosin

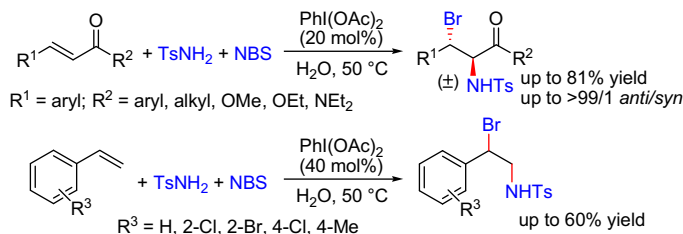
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Muhammad Imran, Inam Iqbal, Nasir Rasool, Christine Fischer, Peter Langer*



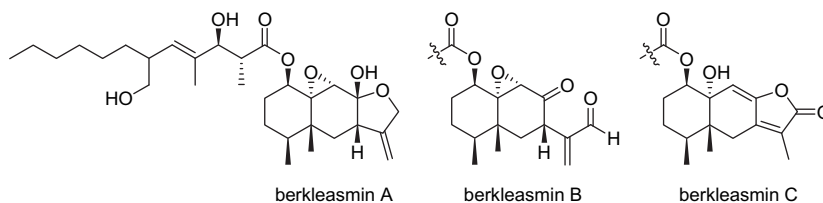
Hypervalent iodine-mediated aminobromination of olefins in water pp 8802–8807

Xue-Liang Wu, Guan-Wu Wang*



Cytotoxic eremophilane sesquiterpenoids from the saprobic fungus *Berkleasium nigroapicale* BCC 8220 pp 8808–8815

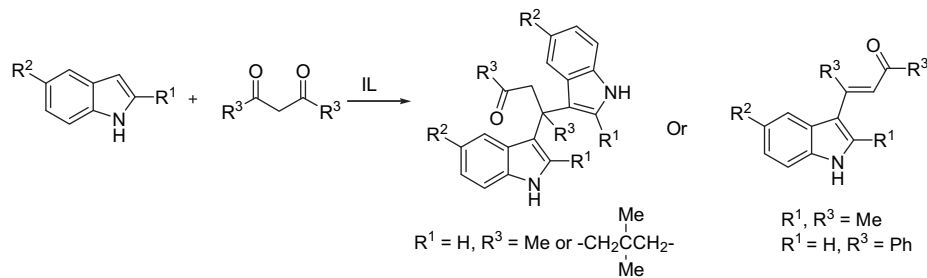
Masahiko Isaka*, Urrat Srisanoh, Sukitaya Veeranondha, Wilunda Choowong, Saisamorn Lumyong



Indole 3-alkylation/vinylation under catalysis of the guanidinium ionic liquids

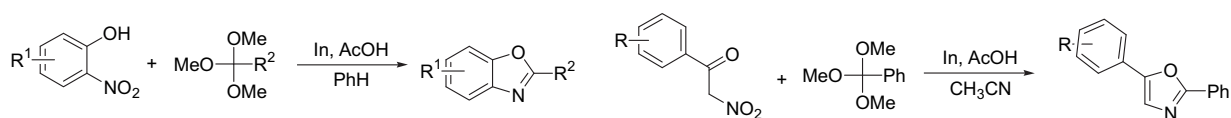
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Kurosh Rad-Moghadam*, Masoumeh Sharifi-Kiasaraie

**Indium-mediated one-pot synthesis of benzoxazoles or oxazoles from 2-nitrophenols or 1-aryl-2-nitroethanones**

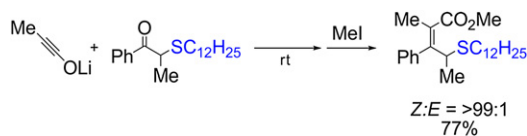
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Jung June Lee, Jihye Kim, Young Moo Jun, Byung Min Lee, Byeong Hyo Kim*

**The effects of C–S and C–Se bonds on torquoselectivity: stereoselective olefination of α -thio and α -selenoketones with ynolates**

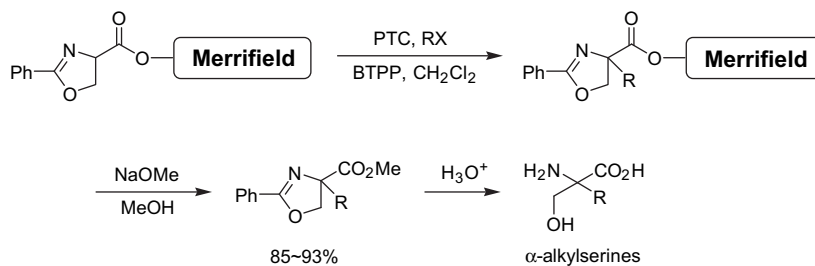
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Takashi Yoshikawa, Seiji Mori, Mitsuru Shindo*

**Solid-phase synthesis of α -alkylserines via phase-transfer catalytic alkylation of polymer-supported 2-phenyl-2-oxazoline-4-carboxylate**

pp 8839–8843

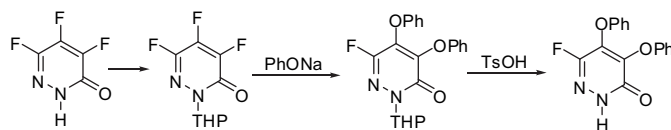
Jihye Lee, Min Woo Ha, Taek-Soo Kim, Mi-Jeong Kim, Jin-Mo Ku, Sang-sup Jew, Hyeung-geun Park*, Byeong-Seon Jeong*



***N*-Functionalised polyfluoropyridazin-3(2*H*)-one derivatives**

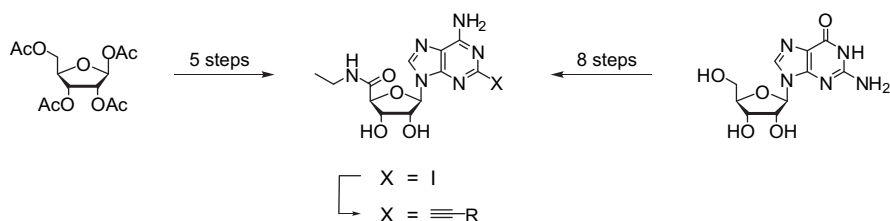
pp 8844–8850

Graham Pattison, Graham Sandford*, Dmitry S. Yufit, Judith A.K. Howard, John A. Christopher, David D. Miller

**Linear and convergent approaches to 2-substituted adenosine-5'-*N*-alkylcarboxamides**

pp 8851–8857

Richard C. Foitzik, Shane M. Devine, Nicholas E. Hausler, Peter J. Scammells*

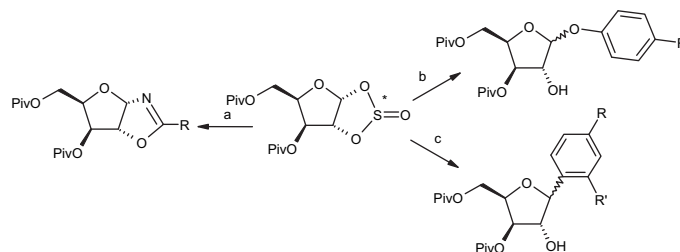


New linear and convergent pathways to 2-alkynyl substituted adenosine-5'-*N*-ethylcarboxamides via the versatile synthetic intermediate, 2-iodoadenosine-5'-*N*-ethylcarboxamide (**13**) have been developed.

Reactivity of 1,2-cyclic sulfite xylosides towards nucleophiles

pp 8858–8862

Nathalie Batoux, Christopher Hardacre, Marie E. Migaud*, Kerry A. Ness, Sarah E. Norman

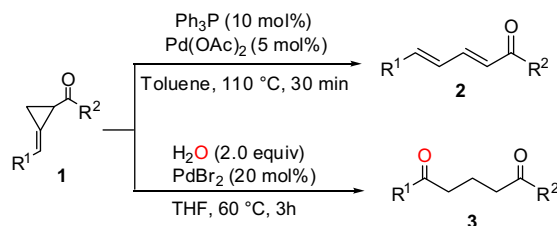


Either a: R-CN; b: ArOH; or c: Arene; with ZnCl₂ in xylene or ionic liquid.

Pd(0) or Pd(II)-catalyzed ring-opening reactions of benzylidene- and alkylidenecyclopropyl ketones and aldehydes

pp 8863–8868

Xiang-Ying Tang, Min Shi*



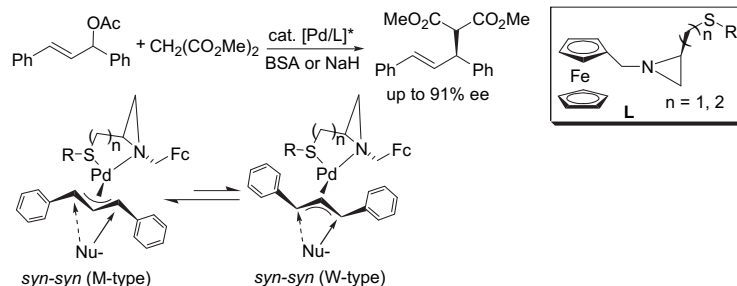
The ring-opening reactions of methylenecyclopropyl ketones or aldehydes catalyzed by Pd(0) or Pd(II) catalyst deliver the corresponding conjugate (*E,E*)-1,3-dienes or 1,5-diketones in good to excellent yields, respectively.



Origin of enantioselectivity with heterobidentate sulfide-tertiary amine (sp^3) ligands in palladium-catalyzed allylic substitution

pp 8869–8878

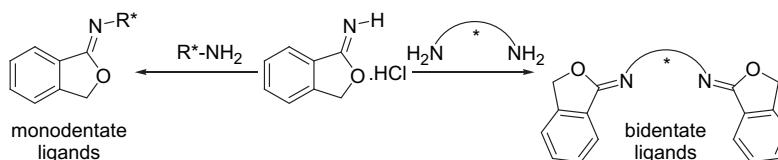
Jun-Long Niu, Min-Can Wang*, Pei-Pei Kong, Qing-Tao Chen, Yu Zhu, Mao-Ping Song*



Chiral imidates as a new class of nitrogen-based chiral ligands: synthesis and catalytic activity in asymmetric aziridinations and diethylzinc additions

pp 8879–8884

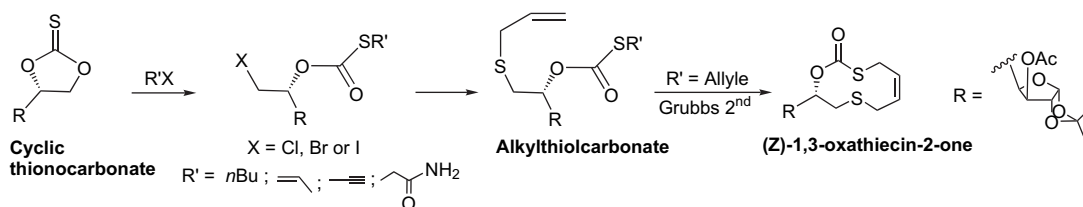
Timothy Noël, Koen Vandycck, Koen Robeyns, Luc Van Meervelt, Johan Van der Eycken*



Stereoselective synthesis of new glycooxathiecinone using vic-cyclic thionocarbonate haloalkylation and ring closing metathesis as key steps

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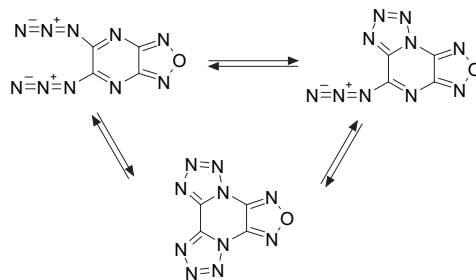
Mohammed Benazza*, Rami Kanso, Gilles Demailly




An unexpected synthesis of 7-azidofurazano[3,4-b]tetrazolopyrazine

pp 8891–8895

S. Guillou, G. Jacob, F. Terrier, R. Goumont*



*Corresponding author

 Supplementary data available via ScienceDirect



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