

Tetrahedron Letters Vol. 51, No. 52, 2010

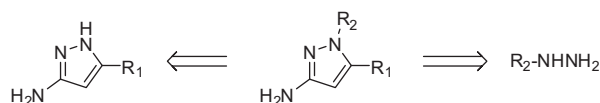
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COMMUNICATIONS

Syntheses of 1-substituted-3-aminopyrazoles

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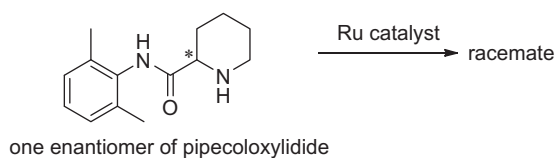
Nan Ji*, Erik Meredith, Donglei Liu, Christopher M. Adams, Gerald D. Artman III, Keith C. Jendza, Fupeng Ma, Nello Mainolfi, James J. Powers, Chun Zhang



Recycling of pipercoloxylidide via racemization

pp 6802–6805

Lisa K. Thalén, Martin H. Hedberg, Jan-E. Bäckvall*

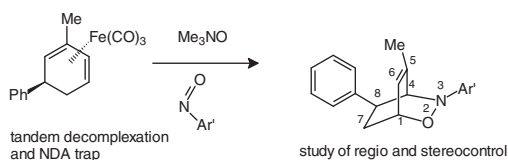


Recycling of pipercoloxylidide via racemization was developed, which is important for increasing efficiency in industrial manufacturing of the drug via resolution.

Decomplexation–nitroso Diels–Alder (NDA) approach to C,D-ring functionalisation for hippaestrine

pp 6806–6809

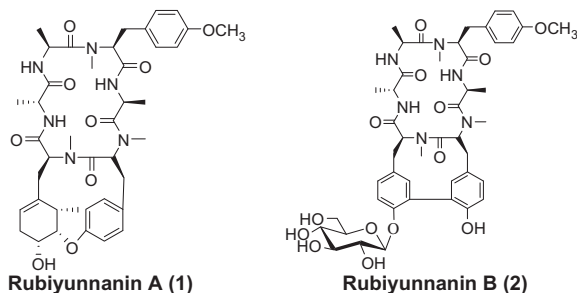
G. Richard Stephenson*, Andrew M. Balfe, David L. Hughes, Richard D. Kelsey



Rubiyunnanins A and B, two novel cyclic hexapeptides from *Rubia yunnanensis*

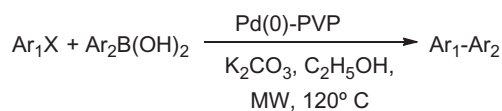
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Jun-Ting Fan, Yi-Shan Chen, Wen-Yan Xu, Liangcheng Du, Guang-Zhi Zeng, Yu-Mei Zhang, Jia Su, Yan Li, Ning-Hua Tan*

**Microwave-assisted Suzuki reaction catalyzed by Pd(0)-PVP nanoparticles**

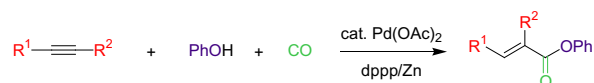
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Daniela de Luna Martins*, Heiddy M. Alvarez, Lúcia C. S. Aguiar

**Palladium-catalyzed hydrophenoxy-carbonylation of internal alkynes by phenol and CO: the use of Zn for the formation of active catalyst**

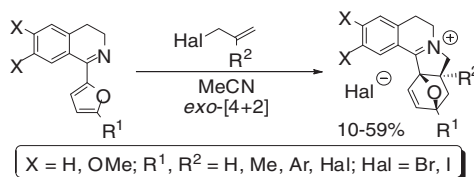
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Hitoshi Kuniyasu*, Takahiro Yoshizawa, Nobuaki Kambe*

**The first example of an intramolecular Diels–Alder furan (IMDAF) reaction of iminium salts and its application in a short and simple synthesis of the isoindolo[1,2-*a*]isoquinoline core of the jantine and hirsutine alkaloids**

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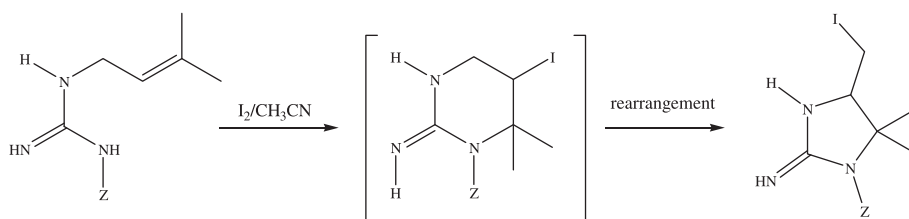
Fedor I. Zubkov*, Julya D. Ershova, Vladimir P. Zaytsev, Mykola D. Obushak, Vasyl S. Matiychuk, Ekaterina A. Sokolova, Victor N. Khrustalev, Alexey V. Varlamov



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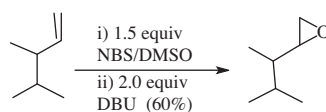
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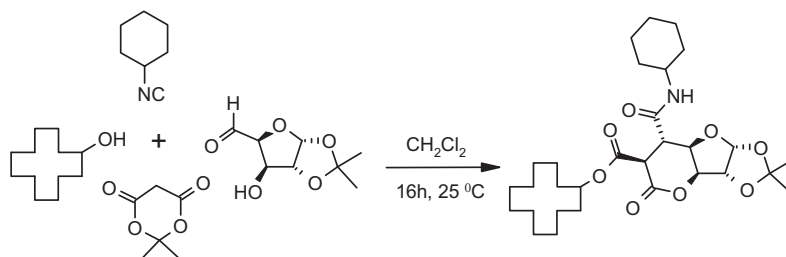
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Ugi-type four-component reaction for a novel synthesis of 5-oxo-perhydrofuro[3,2-b]pyran carboxylate derivatives

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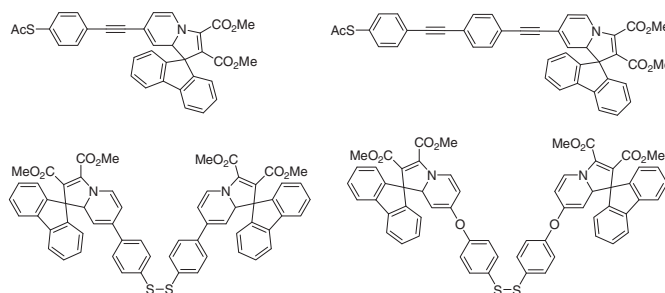
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Synthesis of dihydroindolizines for potential photoinduced work function alteration

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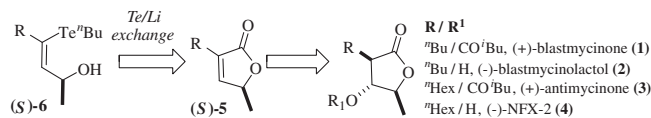
Matthew A. Bartucci, Patrycja M. Wierzbicki, Chengeto Gwengo, Sunny Shajan, Syed H. Hussain, Jacob W. Ciszek*



Tellurium in organic synthesis: a new approach to trisubstituted γ -butyrolactones with *trans-trans* relative stereochemistry. Total enantioselective synthesis of (-)-Blastmycinolactol, (+)-Blastmycinone, (-)-NFX-2, and (+)-Antimycinone

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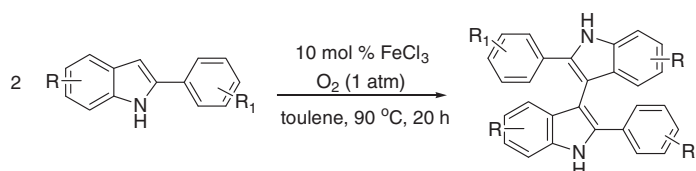
Renan S. Ferrarini, Alcindo A. Dos Santos, João V. Comasseto*



Iron-catalyzed oxidative homo-coupling of indoles via C–H cleavage

pp 6847–6851

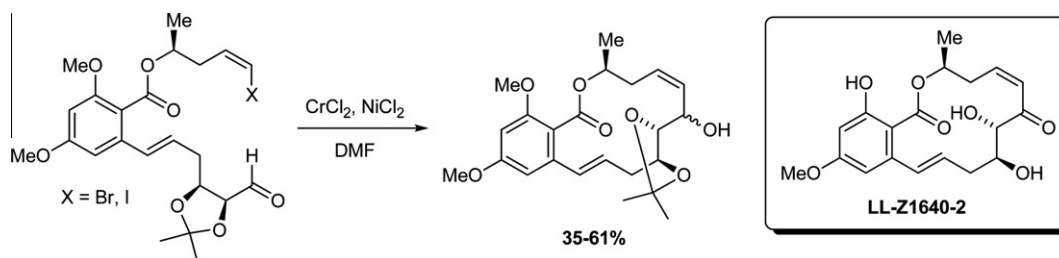
Tianmin Niu, Yuhong Zhang*



Total synthesis of LL-Z1640-2 utilizing a late-stage intramolecular Nozaki–Hiyama–Kishi reaction

pp 6852–6855

Christopher A. LeClair, Matthew B. Boxer, Craig J. Thomas*, David J. Maloney



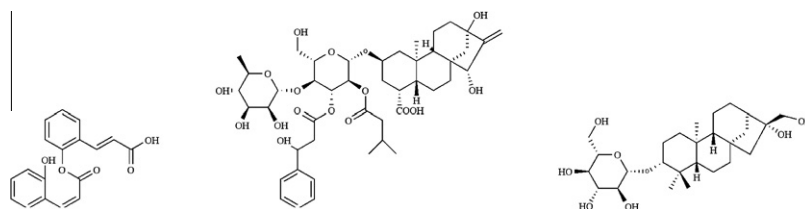
A total synthesis of LL-Z1640-2 (**2**), a potent and selective kinase inhibitor, has been completed. The key step of the convergent synthesis utilized a late-stage intramolecular Nozaki–Hiyama–Kishi (NHK) reaction to close the macrocycle at the C6'–C7' bond.



New constituents from *Mikania laevigata* Shultz Bip. ex Baker

pp 6856–6859

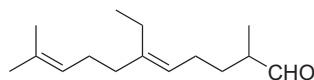
Fernanda Peres Ferreira, Dionéia Camilo Rodrigues de Oliveira*



A new sesquiterpenoid produced by female *Callosobruchus rhodesianus* (Pic): a possible component of the sex attractant pheromone

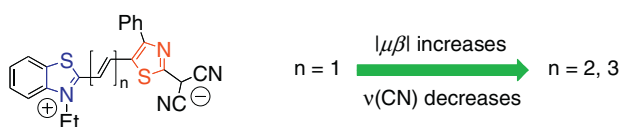
pp 6860–6862

Kenji Shimomura*, Hiroyuki Koshino, Arata Yajima, Noriko Matsumoto, Shunsuke Yajima, Kanju Ohsawa

New sesquiterpenoid compound isolated from headspace volatiles of virgin females of *Callosobruchus rhodesianus* (Pic).**Benzothiazolium- π -thiazole-dicyanomethanides: new nonlinear optical chromophores**

pp 6863–6866

Raquel Andreu, Elena Galán, Javier Garín*, Jesús Orduna, Raquel Alicante, Belén Villacampa

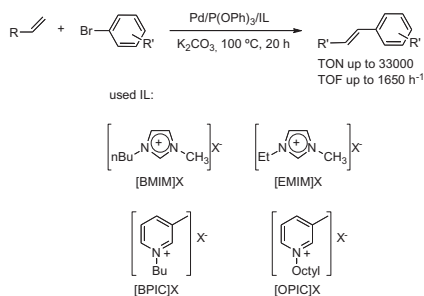


"Right-hand side" NLO-chromophores

**Triphenylphosphite and ionic liquids: positive effects in the Heck cross-coupling reaction**

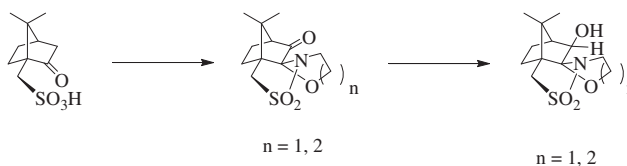
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Juan C. Cárdenas, Luca Fadini, Cesar A. Sierra*

**Synthesis and characterization of novel spirooxazacamphorsultam derivatives**

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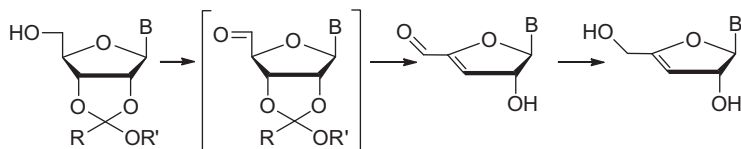
Burkhardt I. Wilke, Angela K. Goodenough, Cory C. Bausch, Erika N. Cline, M. Leigh Abrams, Effrat L. Fayer, Diana M. Cermak*



Straightforward synthesis of 3'-deoxy-3',4'-didehydronucleoside-5'-aldehydes via 2',3'-O-orthoester group elimination: a simple route to 3',4'-didehydronucleosides

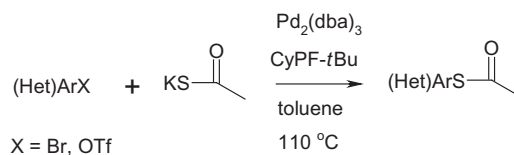
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Magdalena Petrová, Miloš Buděšínský, Ivan Rosenberg*


A simple, base-free preparation of S-aryl thioacetates as surrogates for aryl thiols

pp 6877–6881

Adri van den Hoogenband*, Jos H. M. Lange, Raymond P. J. Bronger, Axel R. Stoit, Jan Willem Terpstra

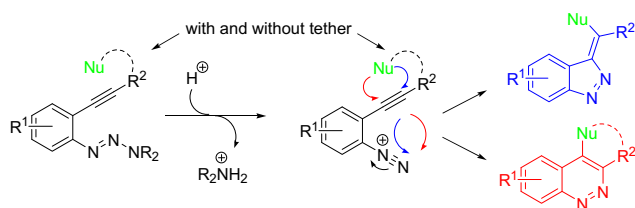


Aryl bromides and aryl triflates are easily converted into the corresponding stable S-aryl thioacetates by a palladium-catalyzed hetero cross-coupling reaction. Subsequent mild deprotection to the corresponding thiol enables further functionalization.

Richter cyclization and co-cyclization reactions of triazene-masked diazonium ions

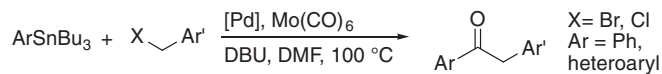
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Annelies Goeminne, Peter J. Scammells, Shane M. Devine, Bernard L. Flynn*


Deoxybenzoins from Stille carbonylative cross-couplings using molybdenum hexacarbonyl

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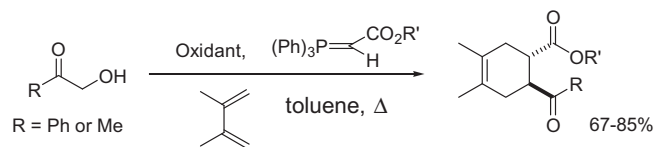
Jonas Sävmarker, Jonas Lindh, Peter Nilsson*



Efficient oxidation-Wittig olefination-Diels–Alder multicomponent reactions of α -hydroxyketones

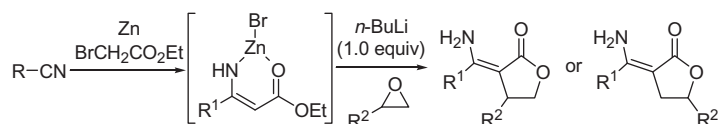
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Geraint H. Harris, Andrew E. Graham*

**Tandem one-pot synthesis of α -(aminomethylene)- γ -butyrolactones via regioselective epoxide ring-opening with the Blaise reaction intermediate**

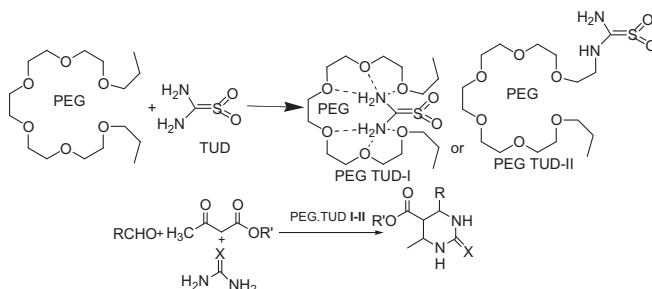
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Young Ok Ko, Yu Sung Chun, Youngmee Kim, Sung Jin Kim, Hyunik Shin*, Sang-gi Lee*

**PEG-embedded thiourea dioxide (PEG.TUD) as a novel organocatalyst for the highly efficient synthesis of 3,4-dihydropyrimidinones**

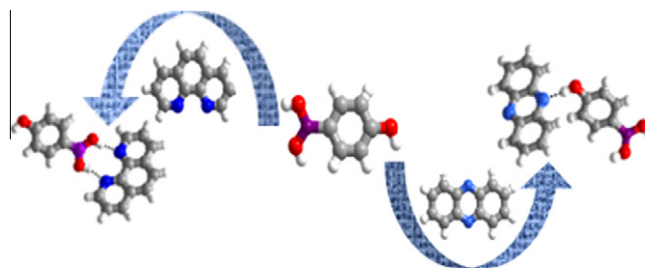
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Sanny Verma, Suman L. Jain*, Bir Sain

 **$-B(OH)_2$ versus $-OH$ in supramolecular synthesis: molecular complexes of 4-hydroxyphenylboronic acid with aza-donor compounds**

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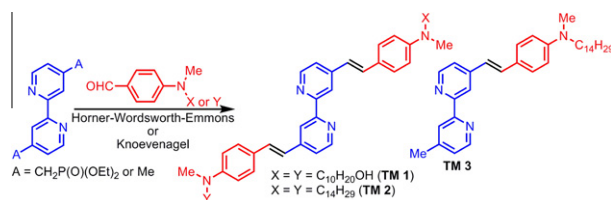
Mayura Talwelkar, V. R. Pedireddi*



Donor–acceptor amphiphilic 2,2'-bipyridine chromophores: synthesis, linear optical, and thermal properties

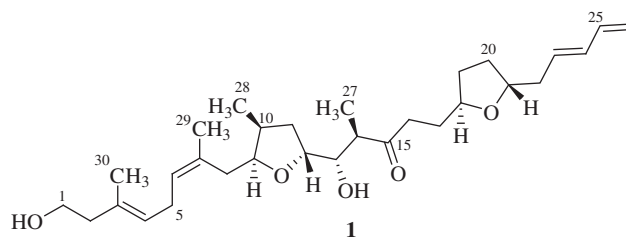
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Tanmay Chatterjee, Monima Sarma, Samar K. Das*

**Prorocentin-4, a novel linear polyketide from a marine dinoflagellate *Prorocentrum* sp.**

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Chung-Kuang Lu*, Yi-Min Chen, Siang-Hang Wang

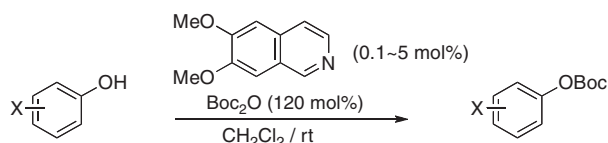


Stereochemistry of tetrahydrofuran rings is relative

Chemoselective *O*-*tert*-butoxycarbonylation of phenols using 6,7-dimethoxyisoquinoline as a novel organocatalyst

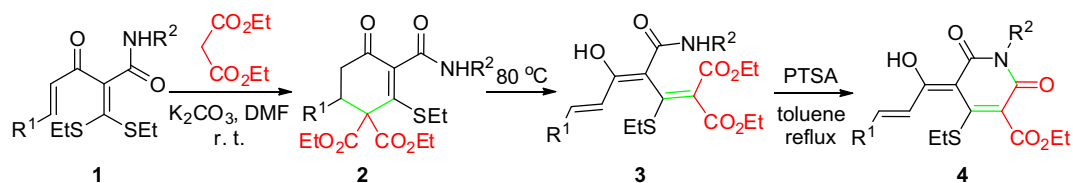
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Yukako Saito, Yuichi Yoshimura, Hiroki Takahata*

**Efficient synthesis of highly functionalized vinylogous thiol esters**

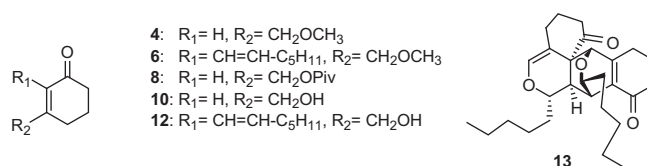
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Jinglin Liu, Xianxiu Xu*, Dongwei Li, Lei Zhang, Kun Zhang, Qun Liu*



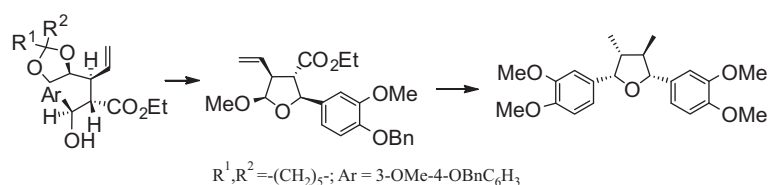
Synthesis of an epoxyquinol analog: efficient methodology for the insertion of side chains into cyclohexenone cores pp 6921–6923

Viviana Heguaburu*, Valeria Schapiro, Enrique Pandolfi

**An asymmetric route to total synthesis of the furano lignan (+)-veraguensin**

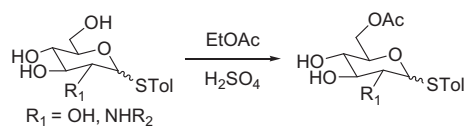
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Kiran Matcha, Subrata Ghosh*

**A green and regioselective acetylation of thioglycoside with ethyl acetate**

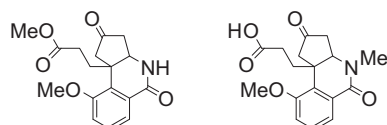
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Pi-Hui Liang*, Yin-Jen Lu, Ting-Hsuan Tang

**An unexpected rearrangement of the benzofurobenzazepine skeleton of galanthamine-type alkaloids**

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Klára Herke, László Hazai, Zsuzsanna Sánta, Zsófia Dubrovay, Viktor Háda, Csaba Szántay Jr., György Kalaus, Csaba Szántay*

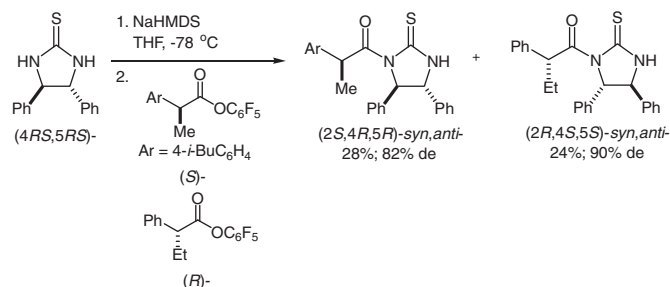


New cyclopentanoisoquinolinones were formed via rearrangement of spiro-substituted benzazepinones.

Resolution of (4*RS*,5*RS*)-4,5-diphenylimidazolidine-2-thione using pentafluorophenyl active esters

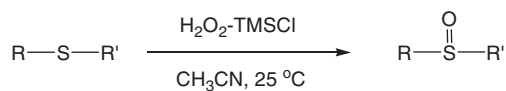
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Anna Andreou, Najla Al Shaye, Hannah Brown, Jason Eames*

**TMSCl-promoted selective oxidation of sulfides to sulfoxides with hydrogen peroxide**

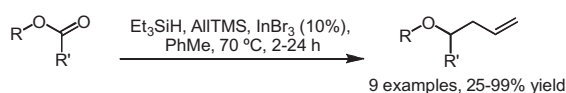
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Kiumars Bahrami*, Mohammad M. Khodaei*, Behrooz H. Yousefi, Mehdi Sheikh Arabi

**A novel one-step method for the reductive allylation of esters and the first total synthesis of (±)-erythroccamide B**

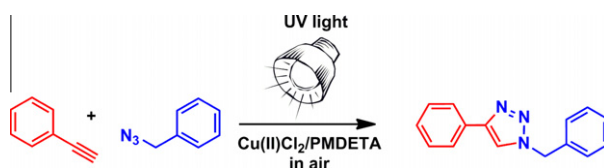
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Roman Lagoutte, James A. Wilkinson*

**Light-induced copper(I)-catalyzed click chemistry**

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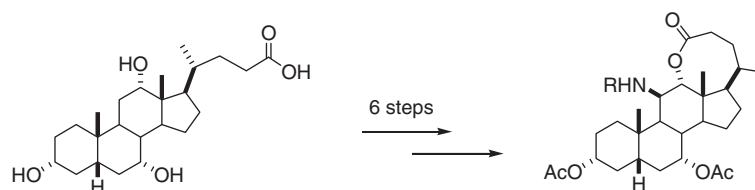
Mehmet Atilla Tasdelen, Yusuf Yagci*



New synthesis of pentacyclic steroids by stereoselective epoxide ring opening

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Malika Ibrahim-Ouali*, Hamze Khalil

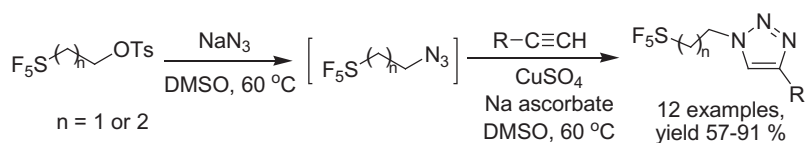


We describe a versatile stereoselective synthesis of a new class of pentacyclic steroids.

One-pot syntheses of 1,2,3-triazoles containing a pentafluorosulfanylalkyl group via click chemistry

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Yangen Huang, Gary L. Gard, Jean'ne M. Shreeve*



*Corresponding author

Supplementary data available via ScienceDirect

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