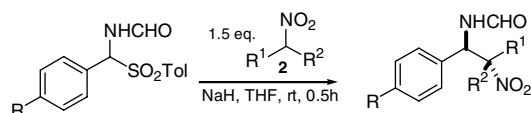


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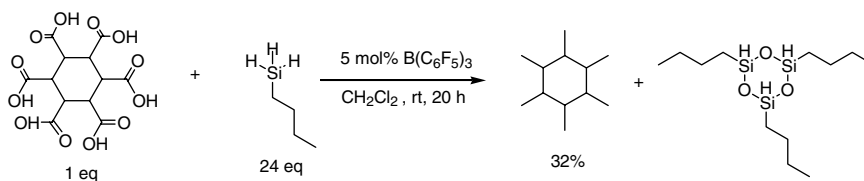
Marino Petrini* and Elisabetta Torregiani



Base-promoted elimination of *p*-toluenesulfonic acid from *N*-formamidoaryl sulfones leads to the corresponding *N*-acylimines that react with primary and secondary nitronate anions giving *anti*- β -formamido nitroderivatives in good yields and high diastereoselectivity.

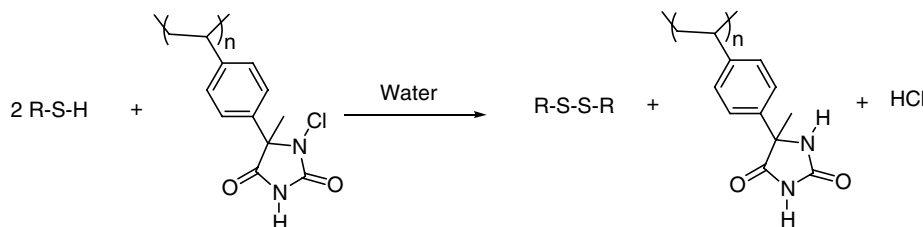
A novel reduction of polycarboxylic acids into their corresponding alkanes using *n*-butylsilane or diethylsilane as the reducing agent pp 3505–3508

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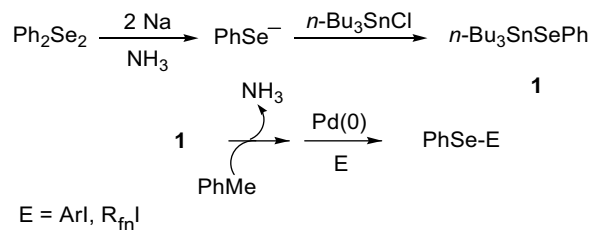
Akin Akdag, Thomas Webb and S. D. Worley*



Palladium-catalyzed phenyl-selenylation with *n*-Bu₃SnSePh in one-pot two-step reactions

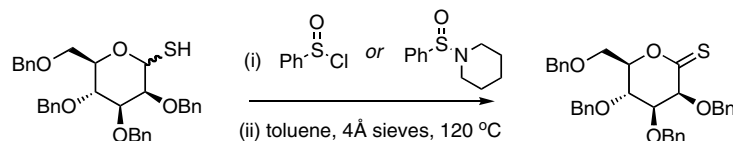
pp 3511–3515

Mariana Bonaterra, Sandra E. Martín* and Roberto A. Rossi*

**Efficient synthesis of carbohydrate thionolactones**

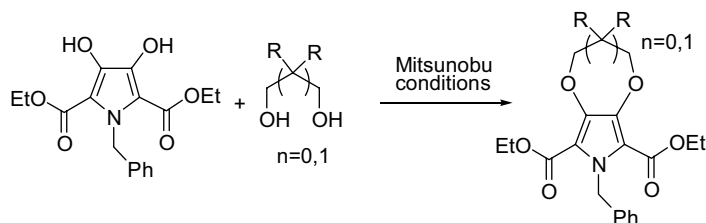
pp 3517–3520

Kampanart Chayajarus and Antony J. Fairbanks*

**A new and efficient synthetic route toward 3,4-alkylenedioxyppyrrrole (XDOP) derivatives via Mitsunobu chemistry**

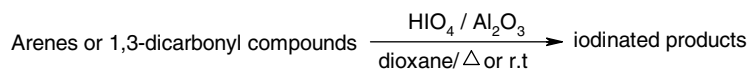
pp 3521–3523

Kyukwan Zong,* L. 'Bert' Groenendaal and John R. Reynolds*

**HIO₄/Al₂O₃ as a new system for iodination of activated aromatics and 1,3-dicarbonyl compounds**

pp 3525–3528

Mohammad A. Khalilzadeh,* Abolfazl Hosseini, Mojtaba Shokrollahzadeh, Mohammad R. Halvagar, Daryoush Ahmadi, Farajollah Mohannazadeh and Mahmoud Tajbakhsh*

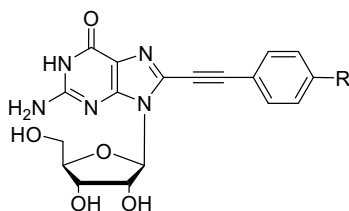


The use of a periodic acid/alumina system for the iodination of activated aromatics and 1,3-dicarbonyl compounds is described.

Sonogashira alkyne of unprotected 8-brominated adenosines and guanosines: fluorescence properties of compact conjugated acetylenes containing a purine ring

pp 3529–3533

Andrew G. Firth, Ian J. S. Fairlamb,* Kate Darley and Christoph G. Baumann*

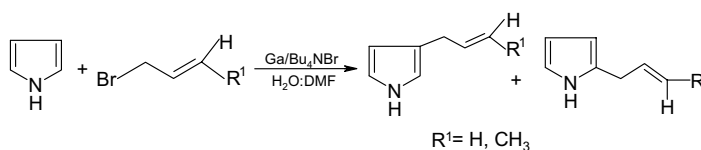


π -Conjugated linear acetylenes attached to guanosine and adenosines have been prepared.

Novel gallium-mediated C3-allylation of indoles and pyrroles in aqueous media promoted by Bu_4NBr

pp 3535–3539

Dipak Prajapati,* Mukut Gohain and Baikuntha J. Gogoi

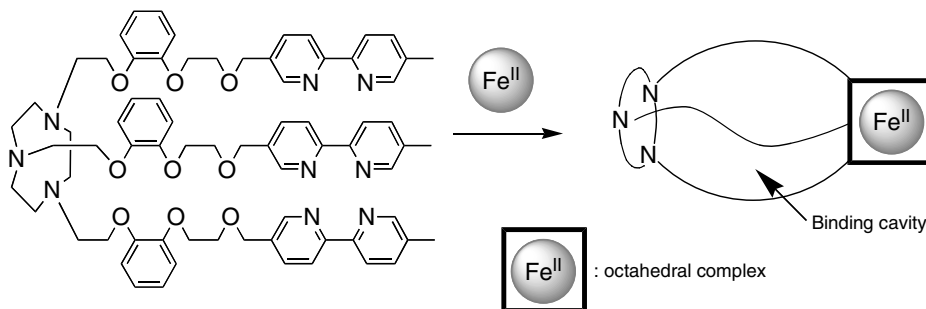


A mild and efficient protocol for the coupling of pyrrole and indoles with alkyl halides such as allyl bromide, crotyl bromide and propargyl bromide in the presence of gallium metal in a Bu_4NBr -DMF- H_2O system has been developed.

Tricyclic pseudocryptand formed by reaction of Fe^{II} with tripodand bearing triazacrown ether

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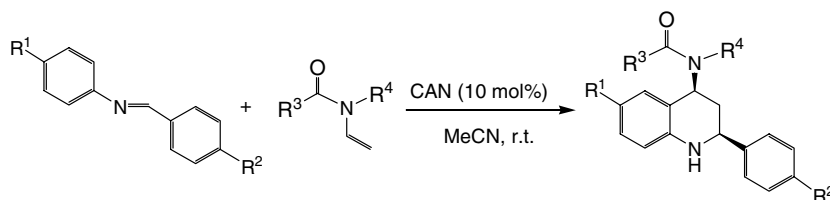
Tatsuya Nabeshima,* Yasushi Tanaka, Toshiyuki Saiki, Shigehisa Akine, Chusaku Ikeda and Soichi Sato



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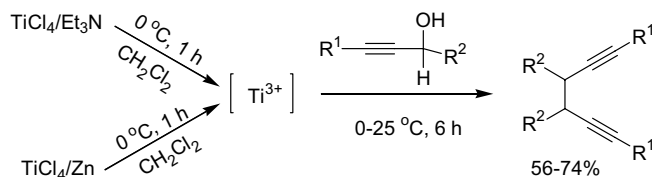
Bing Han, Xiao-Dong Jia, Xiao-Ling Jin, Yu-Lu Zhou, Li Yang, Zhong-Li Liu* and Wei Yu*



A simple method for the conversion of propargyl alcohols to symmetrical 1,5-diynes using low valent titanium reagents

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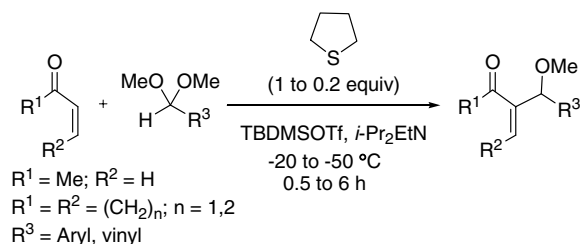
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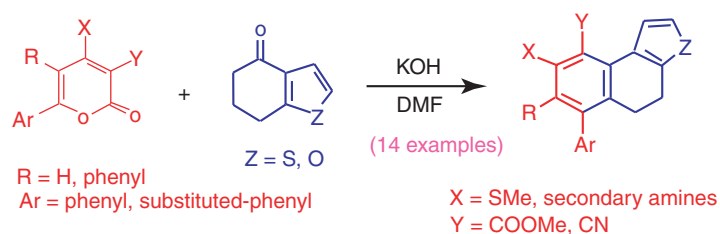
Jamjanam Srivardhana Rao, Jean-François Brière,* Patrick Metzner* and Deevi Basavaiah



Regioselective synthesis of functionalized naphtho[*b*]thiophenes through a ‘lactone methodology’

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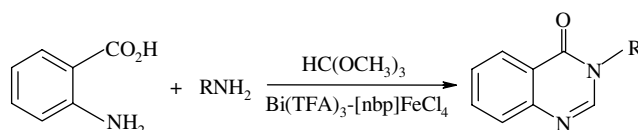
Manish Dixit and Atul Goel*



Bi(TFA)₃-[nbp]FeCl₄: a new, efficient and reusable promoter system for the synthesis of 4(3*H*)-quinazolinone derivatives

pp 3561–3564

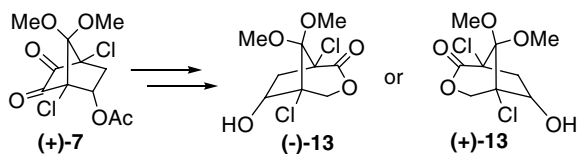
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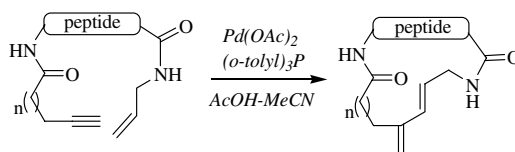
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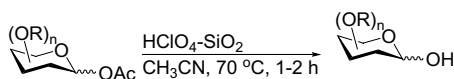
V. Balraju, R. Vasu Dev, D. Srinivasa Reddy and Javed Iqbal*



Selective removal of anomeric *O*-acetate groups in carbohydrates using HClO₄-SiO₂

pp 3573–3576

Pallavi Tiwari and Anup Kumar Misra*

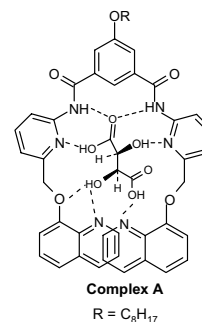


Fluorescence sensing of tartaric acid: a case of excimer emission caused by hydrogen bond-mediated complexation

pp 3577–3581

Kumaresh Ghosh* and Suman Adhikari

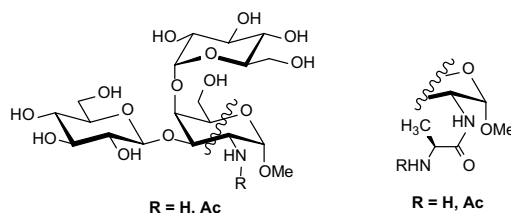
A novel quinoline based receptor that shows monomer emission quenching followed by intramolecular excimer emission upon hydrogen bond mediated complexation of tartaric acid has been designed and synthesized. The excimer emission has been used to confirm the selective recognition of tartaric acid over its nonhydroxy analogue, succinic acid.



Synthesis of a common trisaccharide fragment of glycoforms of the outer core region of the *Pseudomonas aeruginosa* lipopolysaccharide

pp 3583–3587

Bozhena S. Komarova, Yury E. Tsvetkov, Yuriy A. Knirel, Ulrich Zähringer, Gerald B. Pier and Nikolay E. Nifantiev*

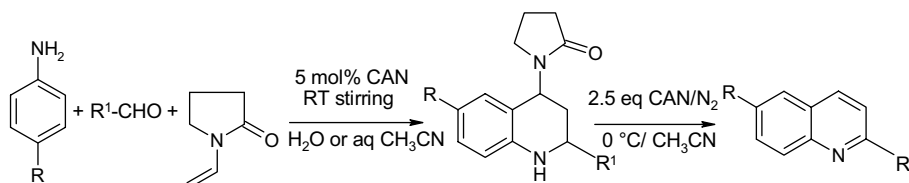


The first synthesis of a 3,4-vicinally branched trisaccharide related to glycoforms of the outer core region of the *Pseudomonas aeruginosa* lipopolysaccharide and its N-acylated, N-alanylated and N-(N-acetyl-alanylated) derivatives is described.

An efficient one-pot synthesis of tetrahydroquinoline derivatives via an aza Diels–Alder reaction mediated by CAN in an aqueous medium and oxidation to heteroaryl quinolines

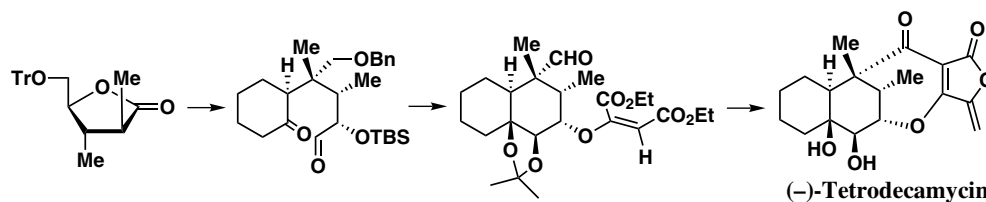
pp 3589–3593

G. Savitha and P. T. Perumal*


The first total synthesis of a tetracyclic antibiotic, (–)-tetrodecamycin

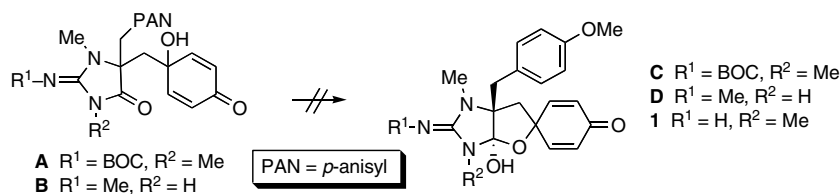
pp 3595–3598

Kuniaki Tatsuta,* Yasuaki Suzuki, Akiho Furuyama and Hiroshi Ikegami


Synthetic studies toward spiroleucettadine

pp 3599–3601

Jonah J. Chang, Bryan Chan and Marco A. Ciufolini*

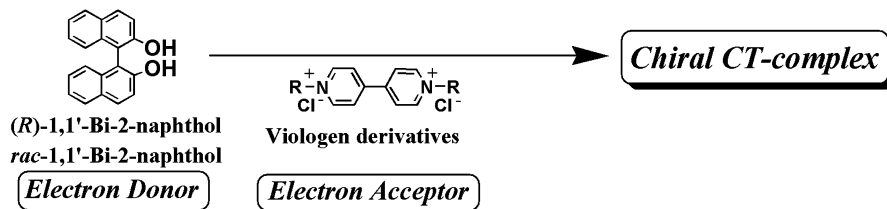


Spiroleucettadine (**1**) precursor **A** as well as isomer **B** resist cyclization to the orthoamide form.

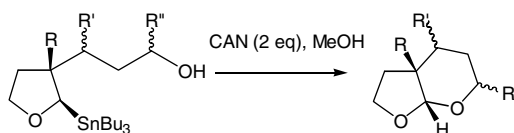


Formation of chiral charge-transfer complex with axially chiral 1,1'-bi-2-naphthol and viologen derivatives

pp 3603–3606

Yoshitane Imai,* Takafumi Kinuta, Tomohiro Sato, Nobuo Tajima, Reiko Kuroda,*
Yoshio Matubara and Zen-ichi Yoshida* **α -Alkoxyastannanes as masked oxonium ions: application to the synthesis of furo[2,3-*b*]pyrans**

pp 3607–3611

Michael R. Attwood, Philip S. Gilbert, Mark L. Lewis, Keith Mills, Peter Quayle,* Simon P. Thompson
and Shouming Wang α -Alkoxyastannanes undergo oxidation to oxonium ions using CAN, which on intramolecular capture, provides ready access to furo[2,3-*b*]pyrans

*Corresponding author

①⁺ Supplementary data available via ScienceDirectFull text of this journal is available, on-line from **ScienceDirect**. Visit www.sciencedirect.com for more information.

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