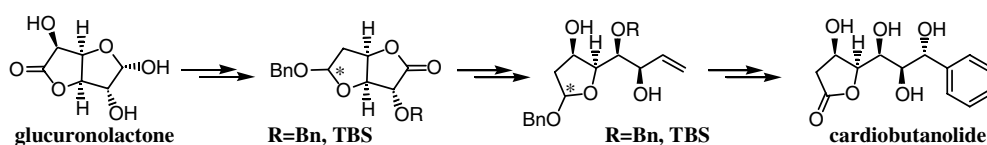


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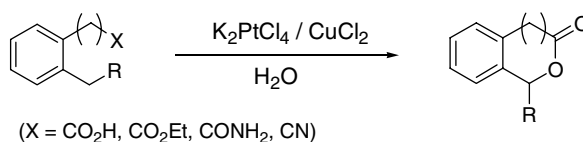
Novel and stereocontrolled asymmetric synthesis of a new naturally occurring styryllactone, (+)-cardiobutanolide pp 1371–1374

Daisuke Matsuura, Kunihiro Takabe and Hidemi Yoda*



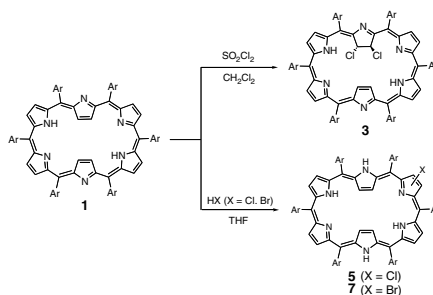
Pt-Catalyzed sp^3 C–H bond activation of *o*-alkyl substituted aromatic carboxylic acid derivatives for the formation of aryl lactones pp 1375–1379

Ji Min Lee and Sukbok Chang*



Regioselective vicinal-dichlorination of *meso*-aryl [26]hexaphyrin(1.1.1.1.1.1) pp 1381–1384

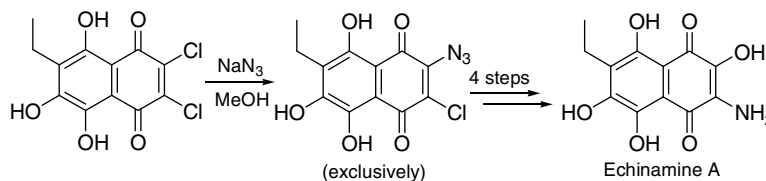
Katsuyuki Youfu and Atsuhiko Osuka*



Regiospecificity in the reaction of 2,3-dichloronaphthazarins with azide anions. Synthesis of echinamine A—a metabolite produced by the sea urchin *Scaphechinus mirabilis*

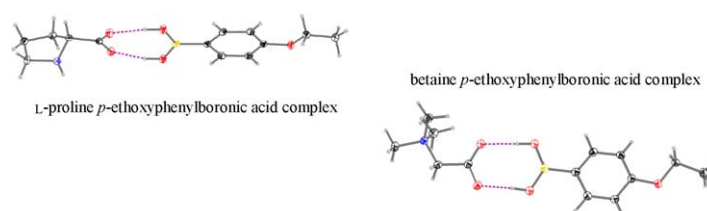
pp 1385–1387

Nataly D. Pokhilo, Alla Ya. Yakubovskaya, Vladimir A. Denisenko and Victor Ph. Anufriev*


Evidence for strong heterodimeric interactions of phenylboronic acids with amino acids

pp 1389–1393

Paulina Rogowska, Michał K. Cyrański,* Andrzej Sporzyński and Arkadiusz Ciesielski

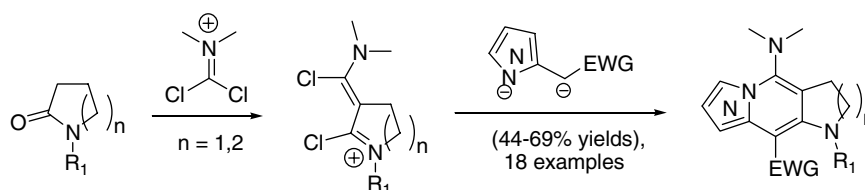


Strong heterodimeric interactions of phenylboronic acids with L-proline or betaine are evident in the solid state. The interaction energy is over 23 kcal/mol (at MP2/6-31+G*).


Novel one pot synthesis of azolo[1,5-*a*]pyridines from Viehe's salts

pp 1395–1398

Alexander S. Kiselyov

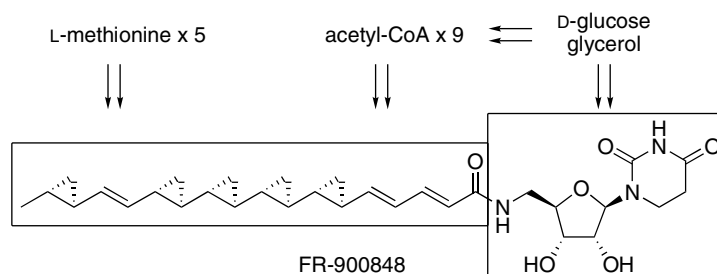


We have developed a practical procedure for the synthesis of polyfunctional azolo[1,5-*a*]pyridines via the reactive species generated in situ from *N*-substituted lactams and Viehe's salt. A short reaction sequence, good yields of title compounds (44–69%), as well as their ready isolation, and purification are the distinct advantages of the reported protocol.

Biosynthetic study of FR-900848: unusual observation on polyketide biosynthesis that did not accept acetate as origin of acetyl-CoA

pp 1399–1402

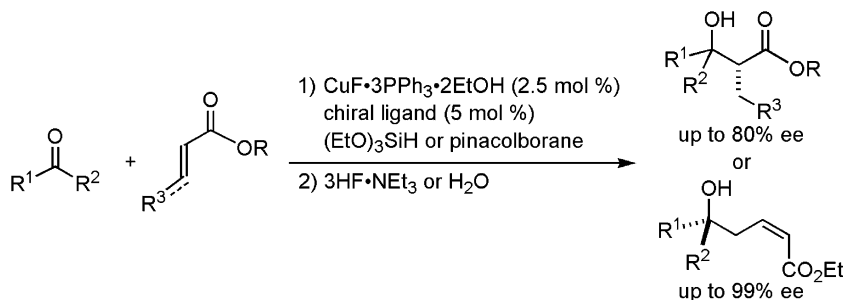
Hiroaki Watanabe, Tetsuo Tokiwano and Hideaki Oikawa*



Catalytic enantioselective intermolecular reductive aldol reaction to ketones

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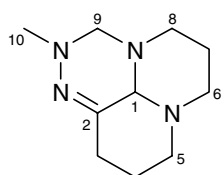
Dongbo Zhao, Kounosuke Oisaki, Motomu Kanai* and Masakatsu Shibasaki*



Cinachyramine, the novel alkaloid possessing a hydrazone and two aminals from *Cinachyrella* sp.

pp 1409–1411

Hiroki Shimogawa, Satomi Kuribayashi, Toshiaki Teruya, Kiyotake Suenaga and Hideo Kigoshi*



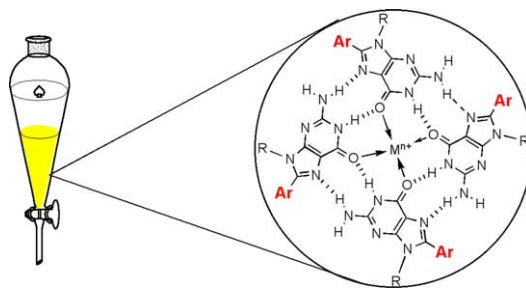
Cinachyramine (1)

The trifluoroacetate salt of cinachyramine (1) was isolated from the Okinawan sponge *Cinachyrella* sp. This structure was determined by the spectroscopic analysis and the degradation under acidic conditions. Cinachyramine (1) is a novel alkaloid with an unprecedented cage system possessing a hydrazone and two aminals.

Self-assembled ionophores based on 8-phenyl-2'-deoxyguanosine analogues

pp 1413–1416

Vladimir Gubala, Doriann De Jesús and José M. Rivera*

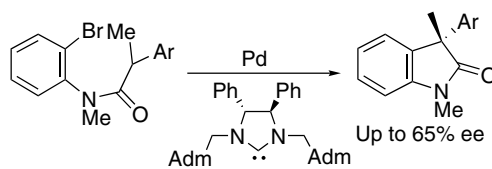


The selectivity of extraction of various alkaline and alkaline earth cations can be modulated by using self-assembled ionophores based on 8-phenyl-2'-deoxyguanosine analogues.

Development of an N-heterocyclic carbene ligand based on concept of chiral mimetic

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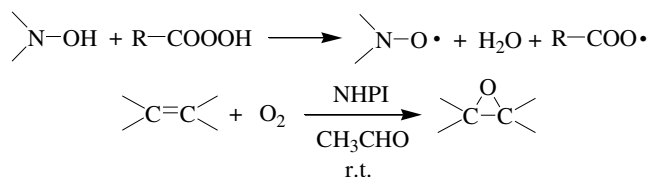
Takafumi Arai, Kazuhiro Kondo* and Toyohiko Aoyama*



**Molecule-induced homolysis of *N*-hydroxyphthalimide (NHPI) by peracids and dioxirane.
A new, simple, selective aerobic radical epoxidation of alkenes**

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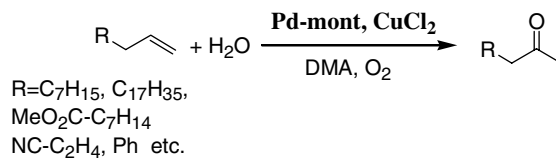
Francesco Minisci,* Cristian Gambarotti, Monica Pierini, Ombretta Porta, Carlo Punta,*
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Highly efficient Wacker oxidation catalyzed by heterogeneous Pd montmorillonite under acid-free conditions

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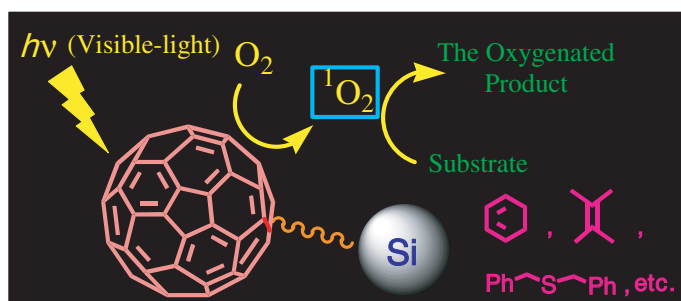
Takato Mitsudome, Takuya Umetani, Kohsuke Mori, Tomoo Mizugaki, Kohki Ebitani and
Kiyotomi Kaneda*



Visible-light induced solvent-free photooxygenations of organic substrates by using [60]fullerene-linked silica gels as heterogeneous catalysts and as solid-phase reaction fields

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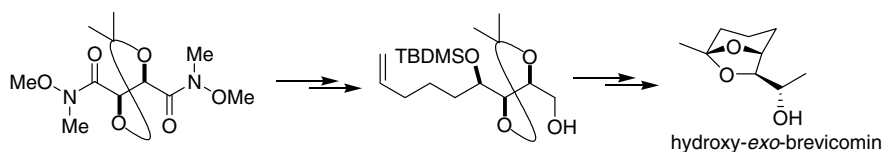
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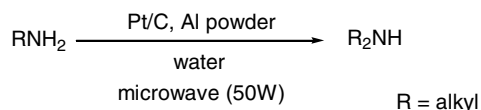
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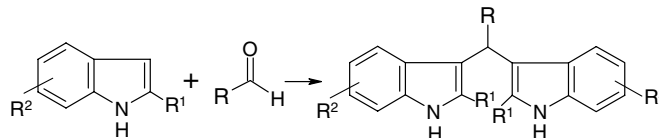
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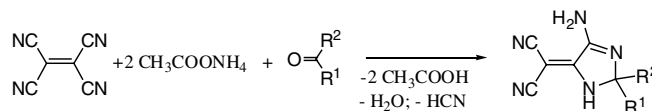
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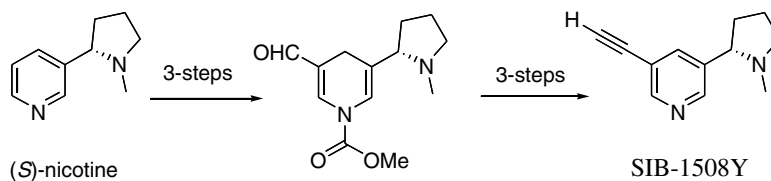
Synthesis of 2-[5-amino-2,3-dihydro-4H-imidazol-4-ylidene]malononitriles pp 1445–1447

A. V. Eremkin, O. V. Ershov,* Ya. S. Kayukov, V. P. Sheverdov, O. E. Nasakin, V. A. Tafeenko and E. V. Nurieva



A six-step synthesis of (S)-5-ethenyl-3-(1-methyl-2-pyrrolidiny)pyridine (SIB-1508Y) from (S)-nicotine pp 1449–1451

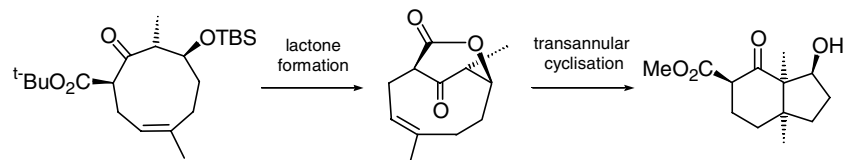
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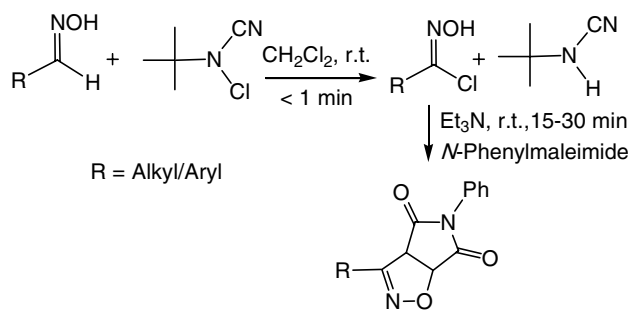
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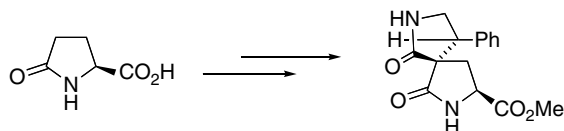
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Stereocontrolled spirocyclic bislactams derived from pyroglutamic acid

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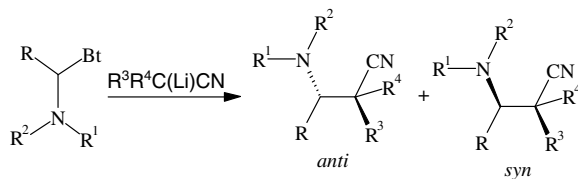


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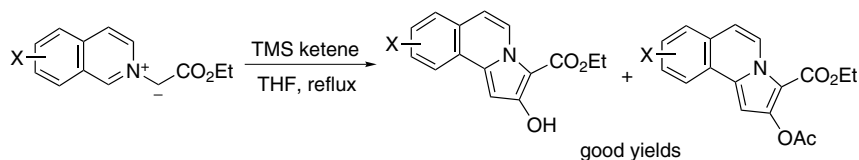
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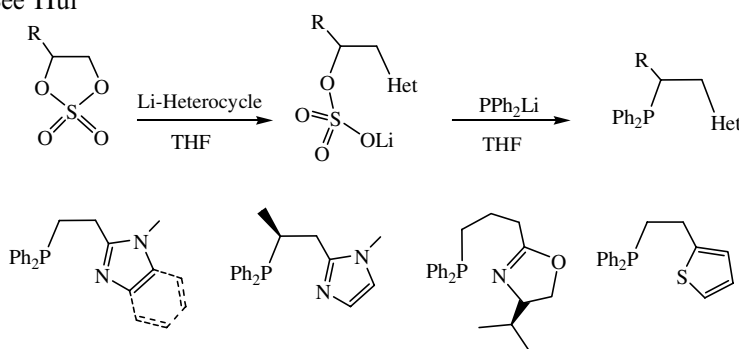
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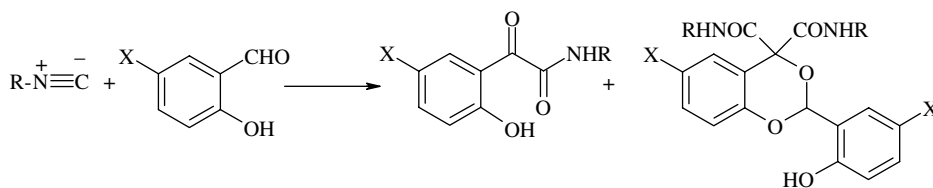
M. Abdul Jalil* and Ee Bee Hui



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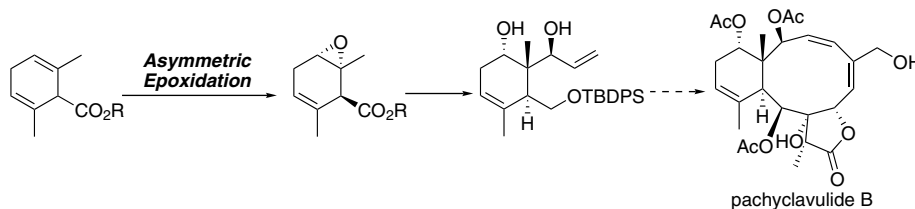
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A synthetic study of briarane-type marine diterpenoid, pachyclavulide B

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Junya Iwasaki, Hisanaka Ito,* Mitsutake Nakamura and Kazuo Iguchi*



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*Corresponding author

①* Supplementary data available via ScienceDirect



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