

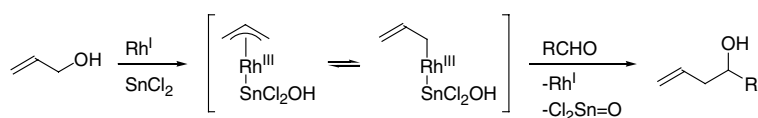
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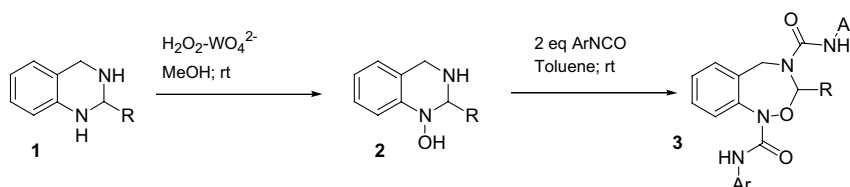
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Synthesis of 2-aryl-1,2,3,4-tetrahydroquinazolin-1-ols and their conversion to 7-aryl-9H-6-oxa-5,8-diaza-benzocycloheptenes

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Necdet Coşkun* and Meliha Çetin

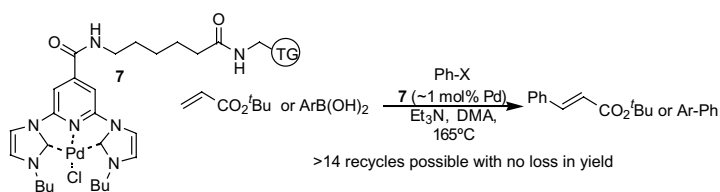


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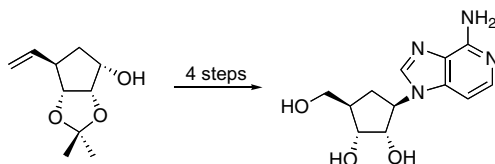
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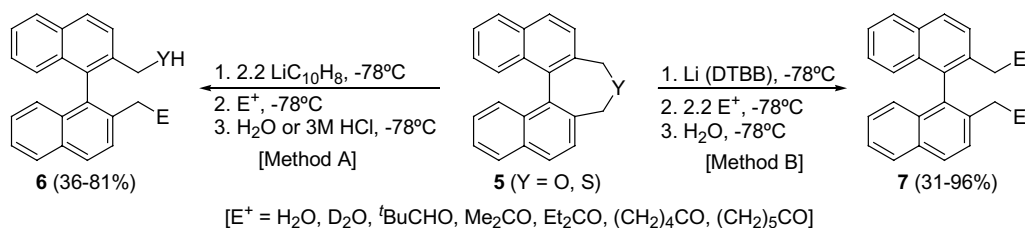
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**Reductive opening of 2,7-dihydrodinaphthoxepine and thiepine: easy regioselective preparation of 2,2'-difunctionalised binaphthyls**

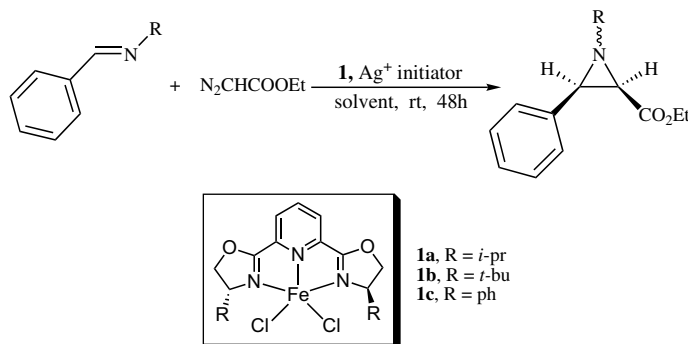
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Francisco Foubelo,* Benjamín Moreno and Miguel Yus

**Synthesis of asymmetric iron–pybox complexes and their application to aziridine forming reactions**

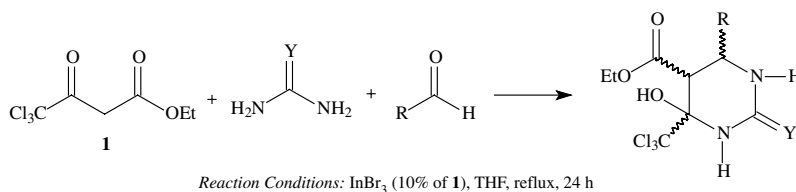
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Mark Redlich and M. Mahmum Hossain*

**Indium(III) bromide catalyzed one-pot synthesis of trichloromethylated tetrahydropyrimidinones**

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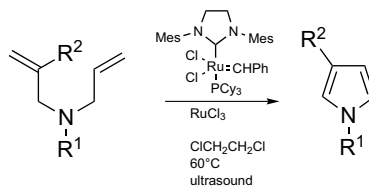
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Pyrrole synthesis using a tandem Grubbs' carbene–RuCl₃ catalytic system

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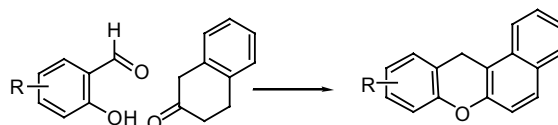
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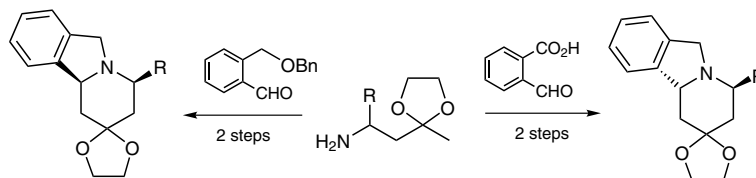
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Three-component condensations of aldehydes with *N*-methoxycarboxamides

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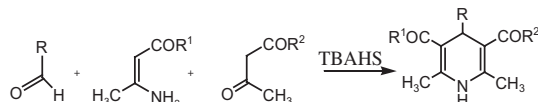
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Tetrabutylammonium hydrogen sulfate catalyzed eco-friendly and efficient synthesis of glycosyl 1,4-dihydropyridines

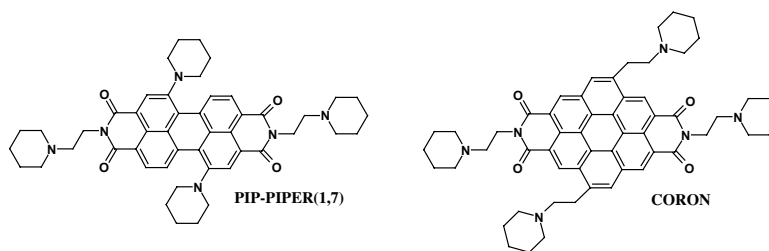
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Neetu Tewari, Namrata Dwivedi and Rama P. Tripathi*


New hydrosoluble perylene and coronene derivatives

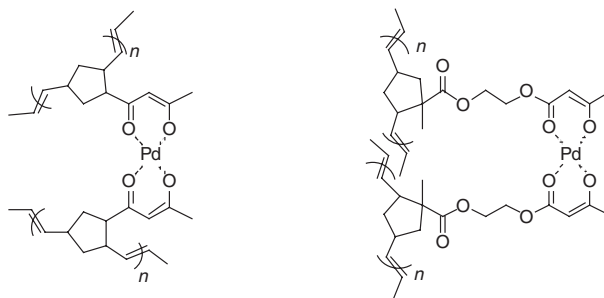
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Marco Franceschin,* Antonello Alvino, Giancarlo Ortaggi and Armandodoriano Bianco


A convenient synthesis of high-loaded palladium(II) ROMP polymers

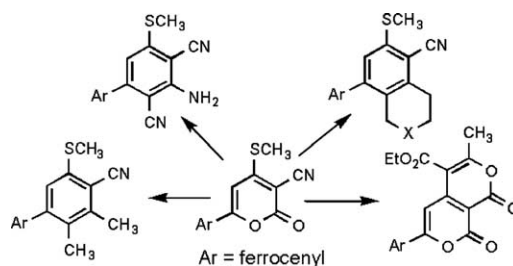
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D. Christopher Braddock,* David Chadwick and Eduard Lindner-López


Synthesis of ferrocenylarenes and heteroarenes through nucleophile induced ring transformation of 2H-pyran-2-ones

pp 9025–9027

Diptesh Sil, Farhanullah and Vishnu Ji Ram*

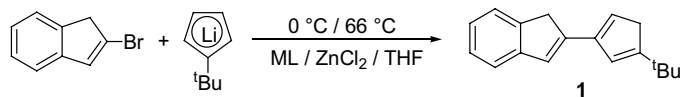


The synthesis of ferrocenylarenes and heteroarenes is described.

Synthesis of a novel bridged 2-(cyclopentadienyl)-indene system using Pd-catalyzed Negishi-type cross coupling

pp 9029–9031

Dirk Tews and Petra Escarpa Gaede*



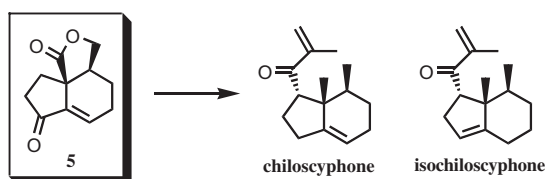
ML = Pd(PPh₃)₄, Pd(dppf)Cl₂·CH₂Cl₂



A new approach to the bicyclo[4.3.0] ring system of natural products from the liverwort: total synthesis of (±)-chiloscyphone and (±)-isochiloscyphone

pp 9033–9036

Junichi Shiina and Shigeru Nishiyama*

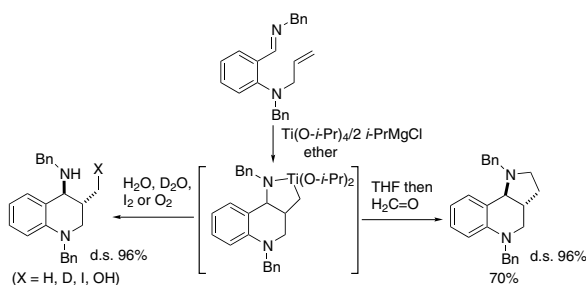


Tricyclic intermediate **5** was synthesized by using the intramolecular Diels–Alder reaction as the key step. Total synthesis of (±)-chiloscyphone and (±)-isochiloscyphone was accomplished.

Formation of azatitanacyclopentanes from ene-imines and a Ti(O-*i*-Pr)₄/2*i*-PrMgX reagent and their synthetic reactions

pp 9037–9040

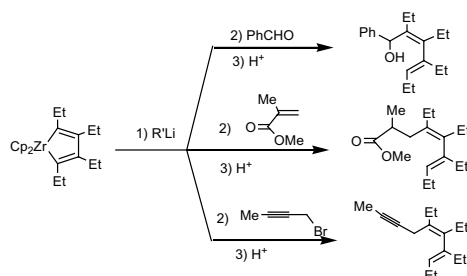
Wataru Uchikawa, Chikashi Matsuno and Sentaro Okamoto*



Reaction of zirconacyclopentadienes with electrophiles such as benzaldehyde, methyl methacrylate and 1-bromo-2-butyne after treatment with RLi

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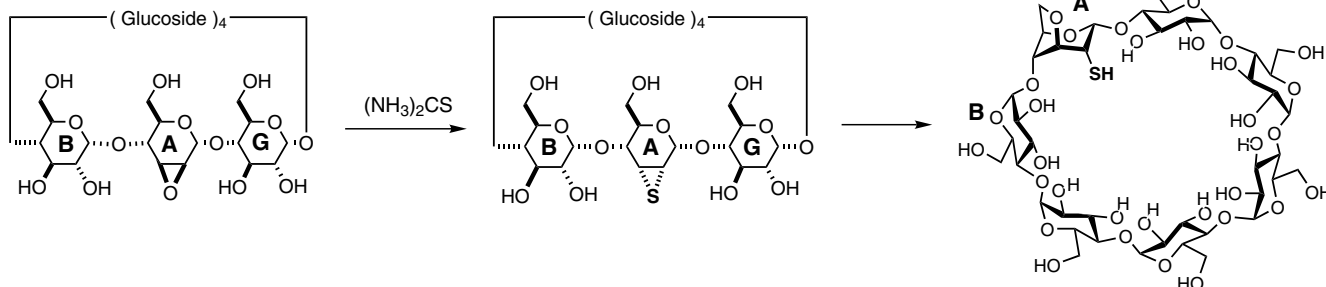
Takashi Seki, Yoshinori Noguchi, Duan Zheng, Wen-Hua Sun and Tamotsu Takahashi*



2^A,3^A-Alloepithio-2^A,3^A-dideoxy-β-cyclodextrin: synthesis and application in the construction of rigid elliptical cavities with functionality at the secondary hydroxyl side

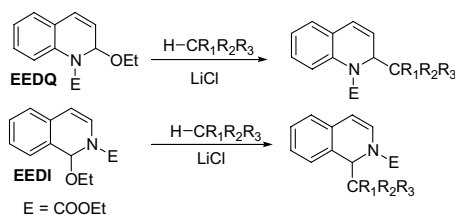
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Makoto Fukudome, Yuji Okabe, Madoka Sakaguchi, Hidetoshi Morikawa, Toshihiro Fujioka, De-Qi Yuan and Kahee Fujita*


Alkylation of quinoline and isoquinoline in the presence of LiCl

pp 9049–9052

Yu Mi Chang, Young Sang Park, Seung Hwan Lee and Cheol Min Yoon*

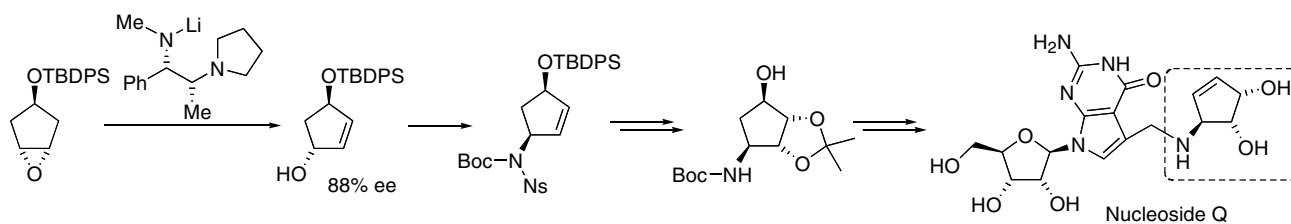


The in situ generated EEDQ and EEDI reacted with alkylating reagents such as diethyl malonate, ethyl acetoacetate etc. in the presence of a 0.5 equiv of LiCl in acetonitrile to provide the corresponding products in high yields.

Chiral base route to functionalised cyclopentenyl amines: formal synthesis of the cyclopentene core of nucleoside Q

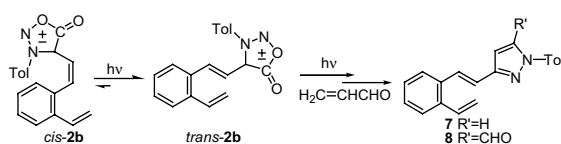
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Sally J. Oxenford, Peter O'Brien* and Mark R. Shipton


Photochemistry of β-(4-sydnonyl)-o-divinylbenzene: competitive *cis*–*trans* isomerization and photolysis

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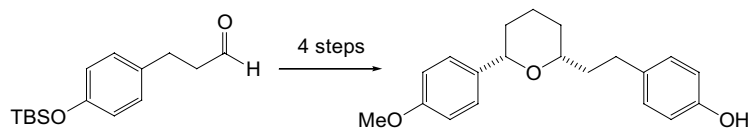
Kristina Butković, Nikola Basarić, Kristijan Lovreković, Željko Marinić, Aleksandar Višnjevac, Biserka Kojić-Prodić and Marija Šindler-Kulyk*



An expedient synthesis of (\pm)-centrolobine

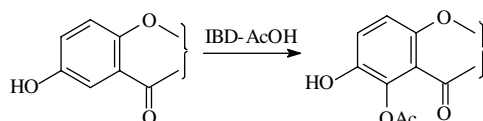
Paul A. Clarke* and William H. C. Martin

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**A novel and facile iodine(III)-mediated approach for C(5)-acetoxylation of 6-hydroxyflavone and 6-hydroxyflavanones**

Om Prakash,* Harpreet Kaur, Vijay Sharma, Vikas Bhardwaj and Rashmi Pundeer

pp 9065–9067

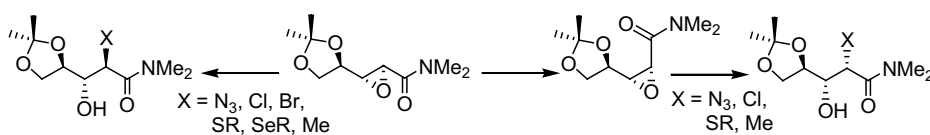


Oxidation of 6-hydroxyflavone and 6-hydroxyflavanones with iodobenzene diacetate in acetic acid leads to regioselective acetoxylation, thereby providing a novel and convenient route to 5-acetoxyated products.

Isomerization of *E*- α,β -epoxyamides to *Z*- α,β -epoxyamides and synthetic applications based on regio- and stereoselective oxirane ring openings

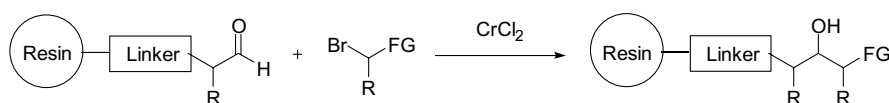
Laura Martín-Ortiz, Samy Chammaa, María Soledad Pino-González, Antonio Sánchez-Ruiz, Miguel García-Castro, Carmen Assiego and Francisco Sarabia*

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**Chromium-mediated aldol and homoaldol reactions on solid support directed towards an iterative polyol strategy**

Ludger A. Wessjohann,* Harry Wild and Henri S. Schrekker

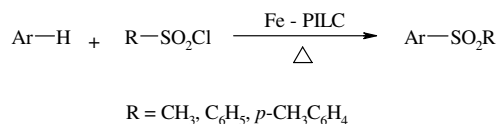
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Fe-pillared bentonite—an efficient catalyst for sulfonylation of arenes using aryl and alkyl sulfonyl chlorides

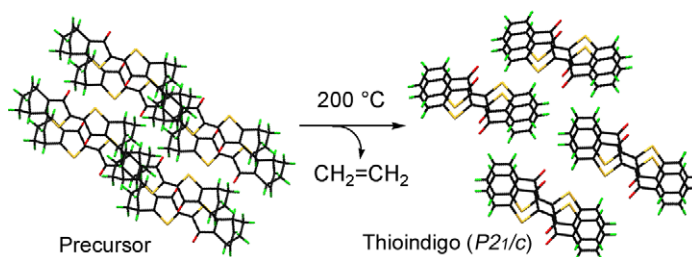
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Devendrapratap U. Singh, Pankajkumar R. Singh and Shriniwas D. Samant*


Thioindigo precursor: control of polymorph of thioindigo

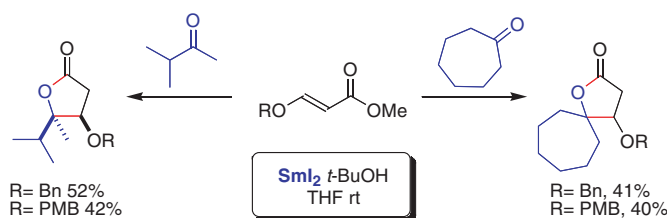
pp 9083–9086

Hidemitsu Uno,* Kana Moriyama, Takayuki Ishikawa, Noboru Ono and Hidenori Yahiro

The precursor was converted to thioindigo with *P21/c* structure by heating.
The samarium(II)-mediated intermolecular couplings of ketones and β-alkoxyacrylates: a short asymmetric synthesis of an antifungal γ-butyrolactone

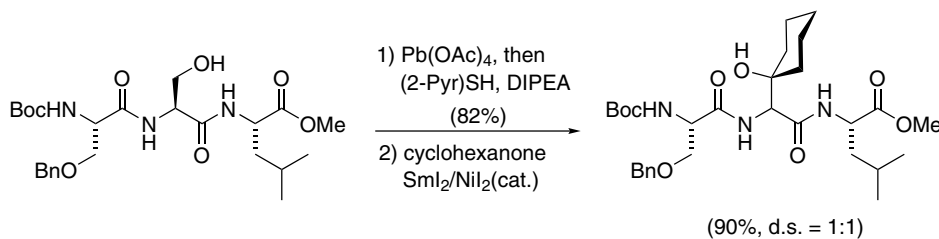
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Nessan J. Kerrigan, Tejas Upadhyay and David J. Procter*


An improved protocol for the SmI₂-promoted C-alkylation of peptides: degradation and functionalization of serine residues in linear and cyclic peptides

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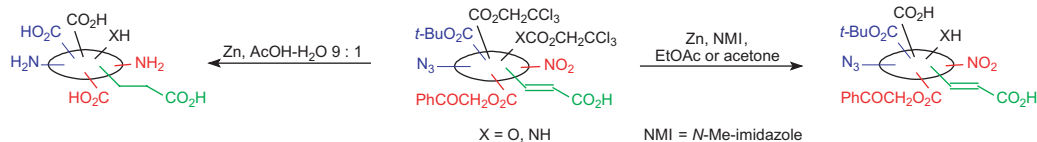
Peter Blakskjær, Adina Gavrilă, Lisbeth Andersen and Troels Skrydstrup*



Selective removal of 2,2,2-trichloroethyl- and 2,2,2-trichloroethoxycarbonyl protecting groups with Zn–N-methylimidazole in the presence of reducible and acid-sensitive functionalities

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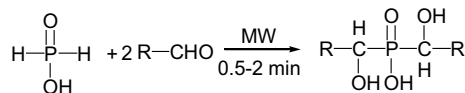
László Somsák,* Katalin Czifrák and Edit Veres



A novel synthesis of bis-(α-hydroxyalkyl)phosphinic acids involving microwave irradiation

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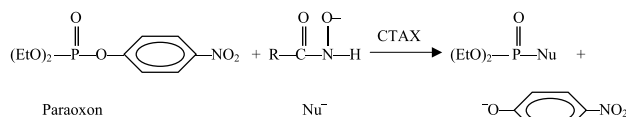
Babak Kaboudin* and Nasser As-habei



Dephosphorylation of paraoxon by hydroxamate ions in micellar media

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Kallol K. Ghosh,* Manmohan Lal Satnami and Daliya Sinha

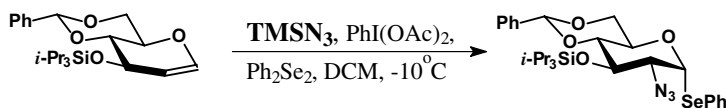


R = C₆H₅ (Benzohydroxamic acid, BHA), R = CH₃ (Acetohydroxamic acid, AHA), R = 2-HOC₆H₄ (Salicylhydroxamic acid, SHA)
 CTAX = n-C₁₆H₃₃N⁺(Me)₃X⁻; X⁻ = Br⁻ (CTAB), X⁻ = Cl⁻ (CTACl), X⁻ = SO₃H⁻ (CTAP)

Homogeneous azidophenylselenylation of glycals using TMSN₃–Ph₂Se₂–PhI(OAc)₂

pp 9107–9110

Yuri V. Mironov, Andrei A. Sherman and Nikolay E. Nifantiev*

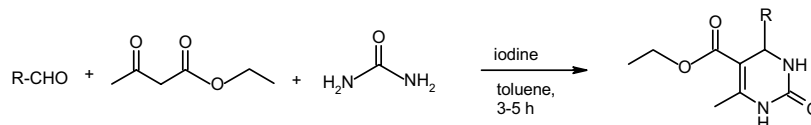


The use of TMSN₃ instead of NaN₃ allows the reaction to be performed under homogeneous conditions, shortens the reaction time, and provides reliable scale-up.

An efficient, high yield protocol for the one-pot synthesis of dihydropyrimidin-2(1*H*)-ones catalyzed by iodine

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Rajesh S. Bhosale, Sidhanath V. Bhosale, Sheshanath V. Bhosale, Tianyu Wang and P. K. Zubaidha*

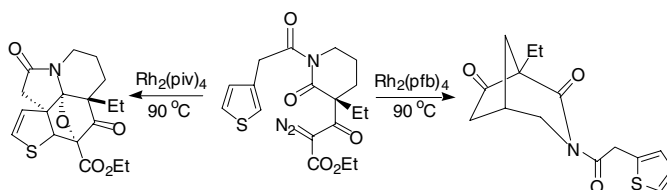


The use of iodine, as a catalyst for the one-pot synthesis of 3,4-dihydropyrimidin-2(1*H*)-ones is reported.

Ligand effects in the Rh(II) catalyzed reaction of α -diazo ketoamides

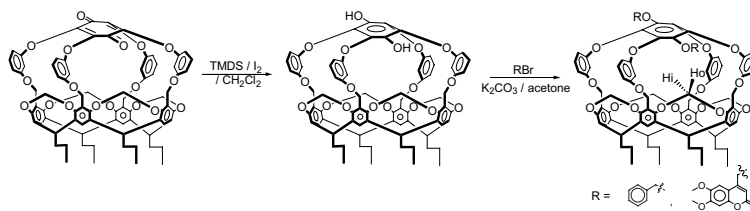
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José M. Mejía-Oneto and Albert Padwa*


Molecular engineering. Part 9: Enhanced binding ability and selectivity of C_{2v} cavitands

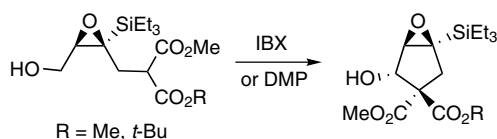
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Hyejae Ihm, Soo-Jin Hwang and Kyungsoo Paek*


A stereoselective synthesis of silylated epoxycyclopentanol bearing four contiguous stereogenic centers

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Serge Thorimbert,* Catherine Taillier, Sébastien Bareyt, Delphine Humilière and Max Malacria*

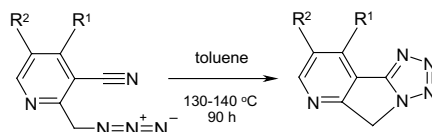


Mild stereoselective conversion of epoxyalcohols into cyclopentanol, induced by the oxidizing reagents DMP or IBX.

Synthesis of a new tricyclic 3-(tetrazol-5-yl)pyridine system from 2-(azidomethyl)nicotinitriles

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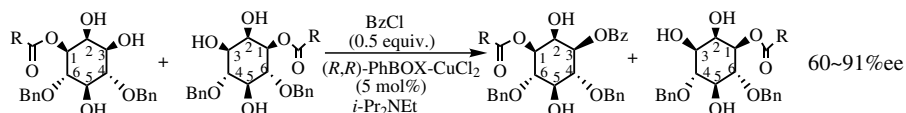
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Kinetic resolution of D,L-*myo*-inositol derivatives catalyzed by chiral Cu(II) complex

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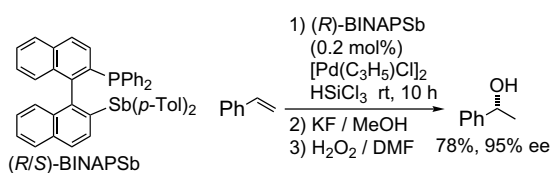
Yoshihiro Matsumura,* Toshihide Maki, Kazuya Tsurumaki and Osamu Onomura



Non-*C*₂-symmetrical antimony–phosphorus ligand, (*R/S*)-2-diphenylphosphano-2'-di(*p*-tolyl)stibano-1,1'-binaphthyl (BINAPSb): preparation and its use for asymmetric reactions as a chiral auxiliary

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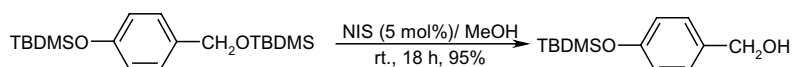
Shuji Yasuie, Shin-ichiro Kawara, Satoru Okajima, Hiroko Seki, Kentaro Yamaguchi and Jyoji Kurita*



***N*-Iodosuccinimide (NIS) as a mild and highly chemoselective catalyst for deprotection of *tert*-butyldimethylsilyl ethers**

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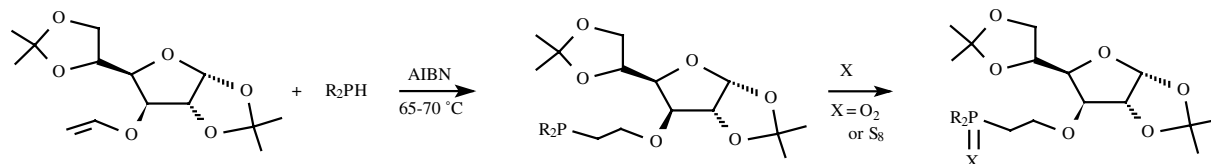
Babak Karimi,* Asghar Zamani and Daryoush Zareyee



Addition of secondary phosphines to a vinyl ether of diacetone-D-glucose: a new approach to optically active phosphines and their derivatives

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Boris A. Trofimov,* Boris G. Sukhov, Svetlana F. Malysheva, Natal'ya A. Belogorlova, Anatolii P. Tantsirev, Lidiya N. Parshina, Ludmila A. Oparina, Sergey P. Tunik and Nina K. Gusarova


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*Corresponding author

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