

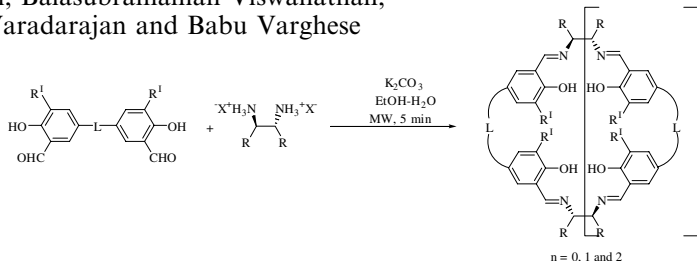
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COMMUNICATIONS

Microwave assisted cyclocondensation of dialdehydes with chiral diamines forming calixsalen type macrocycles

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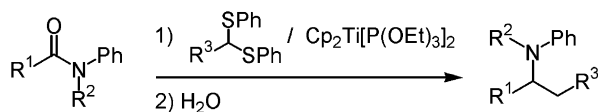
Sankareswaran Srimurugan, Balasubramanian Viswanathan,*
Thirukkallam Kanthadai Varadarajan and Babu Varghese



Titanocene(II)-promoted reductive alkylation of anilides with thioacetals

pp 3157–3160

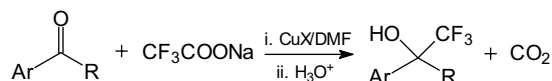
Takeshi Takeda,* Yasutaka Yatsumonji and Akira Tsubouchi



Sodium trifluoroacetate: an efficient precursor for the trifluoromethylation of aldehydes

pp 3161–3164

Ying Chang* and Chun Cai

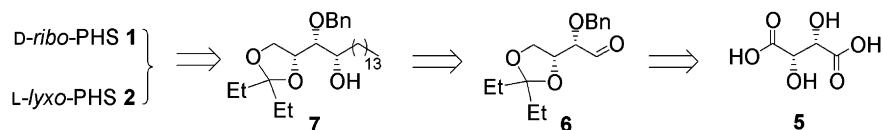


In a convenient and efficient procedure, the nucleophilic trifluoromethylation of aldehydes with sodium trifluoroacetate was achieved, using copper(I) halides as the catalyst.

An efficient synthesis of D-ribo- and L-lyxo-phytosphingosine from D-tartaric acid

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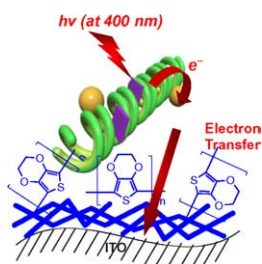
Xuequan Lu and Robert Bittman*



Supramolecular design of a porphyrin-[60]fullerene photocurrent generation system on a DNA scaffold fabricated by a conjugate polymer film

pp 3169–3173

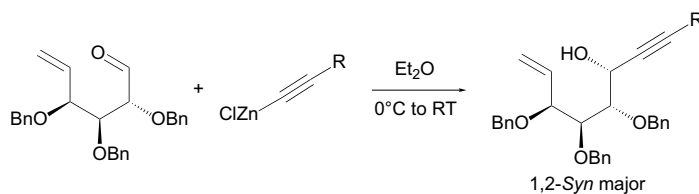
Ah-Hyun Bae, Tsukasa Hatano, Kazunori Sugiyasu, Takanori Kishida, Masayuki Takeuchi and Seiji Shinkai*



Selective 1,2-syn alkynylation of an open chain sugar: the prominent role of zinc chloride addition

pp 3175–3178

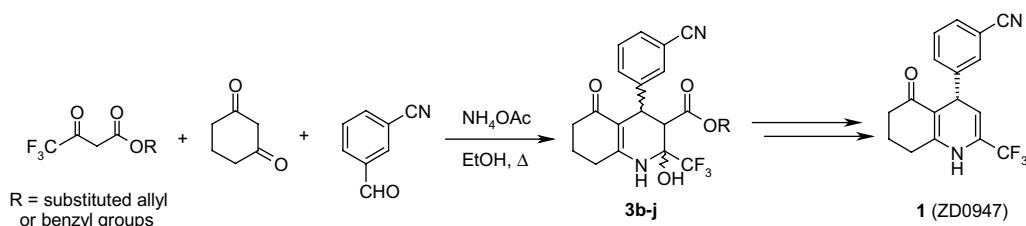
Stéphane Guillarme and Arnaud Haudrechy*



Alternative esters in the synthesis of ZD0947

pp 3179–3181

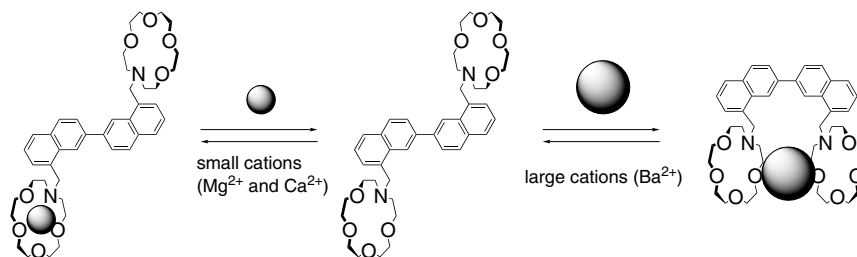
Jonathan D. Moseley



Barium ion sensing by a 2,2'-binaphthalene derivative bearing two monoaza-15-crown-5 ethers

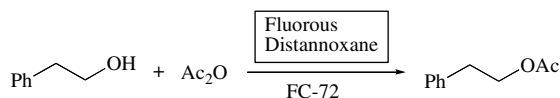
pp 3183–3186

Shin-ichi Kondo,* Tomoko Kinjo and Yumihiko Yano

**Fluorous distannoxane-catalyzed acetylation of alcohols in heterogeneous single fluoruous solvent system**

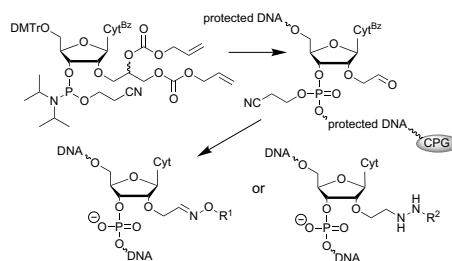
pp 3187–3189

Zhihong Peng, Akihiro Orita, Delie An* and Junzo Otera*

**Synthesis of DNA conjugates by solid-phase fragment condensation via aldehyde–nucleophile coupling**

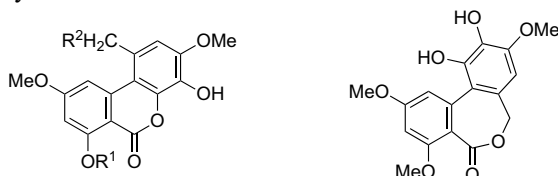
pp 3191–3195

Timofei S. Zatsepin, Dmitry A. Stetsenko, Michael J. Gait and Tatiana S. Oretskaya*

**Synthesis of graphislactones A–D through a palladium-mediated biaryl coupling reaction of phenyl benzoate derivatives**

pp 3197–3200

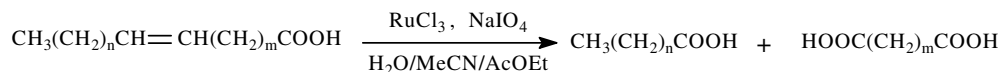
Hitoshi Abe,* Keisuke Nishioka, Shigemitsu Takeda, Masatsugu Arai, Yasuo Takeuchi and Takashi Harayama*



Ruthenium catalysed oxidation without CCl_4 of oleic acid, other monoenic fatty acids and alkenes

pp 3201–3203

François Zimmermann, Eric Meux, Jean-Luc Mieloszynski, Jean-Marie Lecuire and Nicolas Oget*

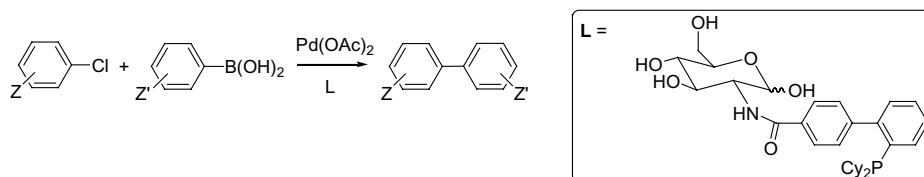


Monoenic fatty acids and other alkenes are cleaved in good yields by the ruthenium catalysed oxidation with $\text{H}_2\text{O}/\text{MeCN}/\text{AcOEt}$ solvent system in a ratio 3/2/2.

Efficient aqueous-phase Suzuki coupling of activated aryl chlorides with arylboronic acids using D-glucosamine-based dicyclohexylarylphosphine

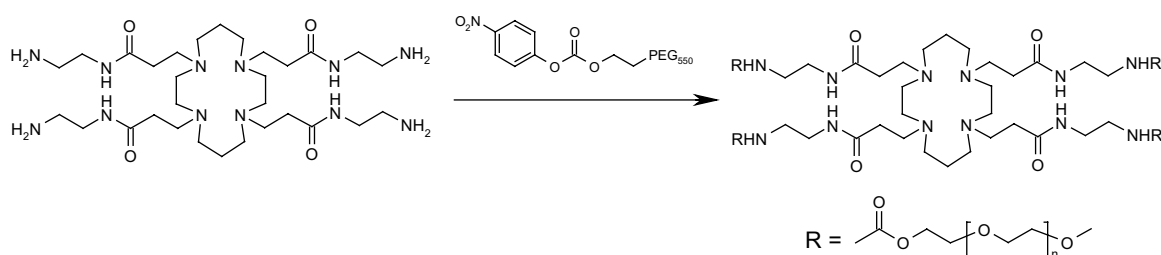
pp 3205–3208

Anzhelika Konovets, Alexandra Penciu, Eric Framery,* Nathalie Percina, Catherine Goux-Henry and Denis Sinou*

**Pegylation of 1,4,8,11-tetraazacyclotetradecane (cyclam) and its Cu(II) complexation**

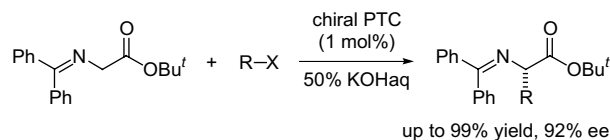
pp 3209–3212

Holger Stephan, Gerhard Geipel,* Dietmar Appelhans, Gert Bernhard, Daniela Tabuani, Hartmut Komber and Brigitte Voit

**Enantioselective reactions of *tert*-butyl glycinate–benzophenone Schiff base catalyzed by chiral phase-transfer catalyst in aqueous media without any organic solvent**

pp 3213–3216

Nobuyuki Mase, Takahiro Ohno, Hironao Morimoto, Fumito Nitta, Hidemi Yoda and Kunihiko Takabe*

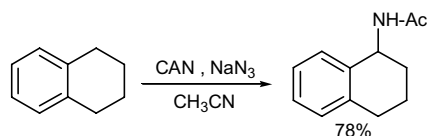


Reactions in aqueous media smoothly proceeded to give the desired product in higher yield than under standard liquid–liquid biphasic conditions.

A convenient protocol for C–H oxidation mediated by an azido radical culminating in Ritter-type amidation

pp 3217–3219

Vijay Nair,* T. D. Suja and Kishor Mohanan

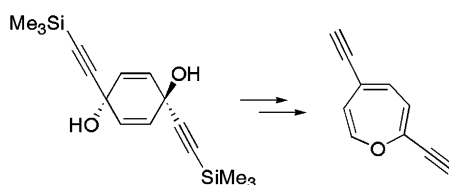


Cerium(IV) ammonium nitrate in combination with sodium azide in acetonitrile reacts with unactivated hydrocarbons to furnish acetamides in one pot. The strategy can be used to introduce nitrogen functionality into a variety of compounds; a carboxylic ester directly afforded the corresponding α -amino acid.

Synthesis of 2,5-diethynyl substituted oxepins from *trans*-1,4-diethynylcyclohexa-2,5-diene-1,4-diols

pp 3221–3224

Arkasish Bandyopadhyay and Sethuraman Sankararaman*

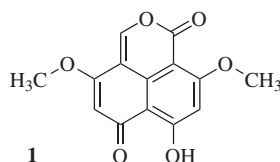


The synthesis of 2,5-diethynyl substituted oxepins from 1,4-diethynyl substituted cyclohexa-2,5-diene-1,4-diols by a novel route is reported.

**Medium dependant production of corymbiferone a novel product from *Penicillium hordei* cultured on plant tissue agar**

pp 3225–3228

David P. Overly,* Christian Zidorn, Bent O. Petersen, Jens Ø. Duus, Petur W. Dalsgaard, Thomas O. Larsen and Richard K. Phipps

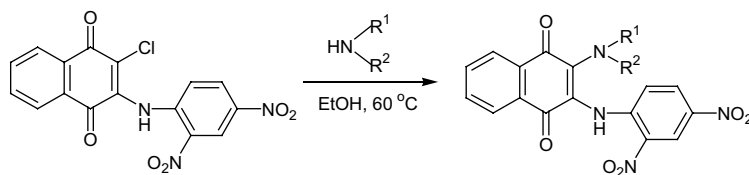


Medium dependant production and the structure elucidation of corymbiferone (**1**) from the fungus *Penicillium hordei* grown on oatmeal and macerated tulip, yellow onion and red onion agars are reported. Compound **1** possesses an unusual oxygenated aromatic structure with a lactone bridge preventing full aromatization of the molecule, resulting in several unusual chemical shifts.

**Novel 2-amino-3-(2,4-dinitrophenylamino) derivatives of 1,4-naphthoquinone**

pp 3229–3231

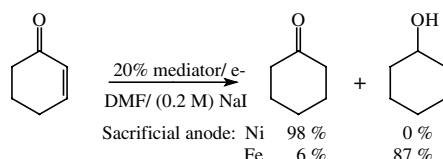
Thida Win and Shmuel Bittner*



Homogeneous electromediated reduction of the 2-cyclohexen-1-one by transition metals

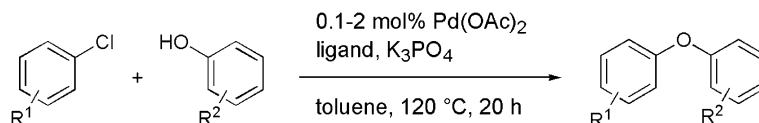
pp 3233–3235

Aderivaldo P. da Silva, Ana Carolina S. Maia and Marcelo Navarro*

**An efficient catalyst system for diaryl ether synthesis from aryl chlorides**

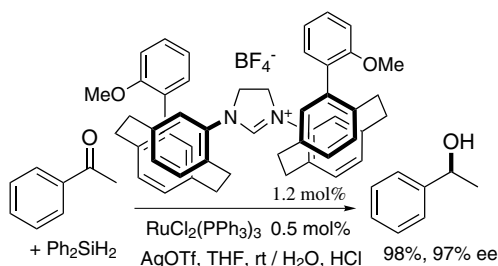
pp 3237–3240

Surendra Harkal, Kamal Kumar, Dirk Michalik, Alexander Zapf, Ralf Jackstell, Franck Rataboul, Thomas Riermeier, Axel Monsees and Matthias Beller*

Aryl and heteroaryl chlorides are efficiently coupled with phenols in the presence of Pd(OAc)₂ and 2-phosphino-substituted *N*-arylpyrroles or -indoles to give diaryl ethers.**Bis-paracyclophane *N*-heterocyclic carbene–ruthenium catalyzed asymmetric ketone hydrosilylation**

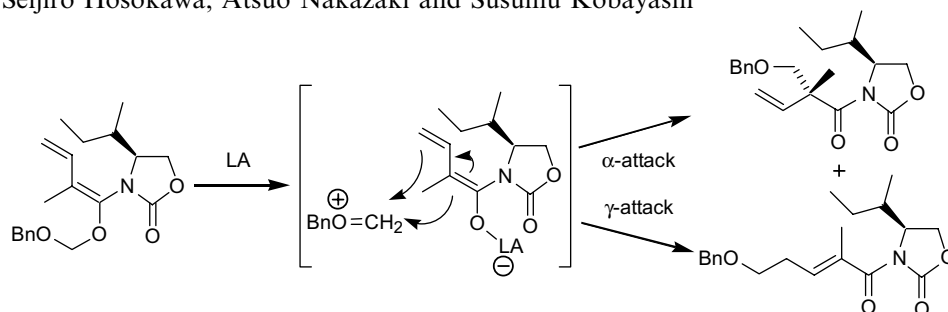
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Chun Song, Changqin Ma, Yudao Ma,* Wenhua Feng, Shutao Ma, Qiang Chai and Merritt B. Andrus*

**Stereoselective 1,5-rearrangement of vinylketene-*N,O*-acetals: novel vinylogous Ferrier reaction**

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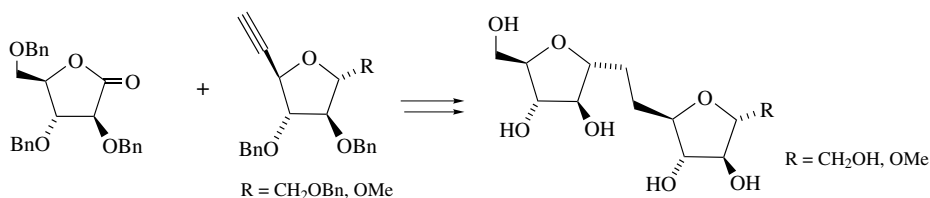
Masaharu Inui, Seijiro Hosokawa, Atsuo Nakazaki and Susumu Kobayashi*



Synthesis of C-disaccharide analogues of the α -D-arabinofuranosyl-(1 $\rightarrow$ 5)- α -D-arabinofuranosyl motif of mycobacterial cell walls via alkynyl intermediates

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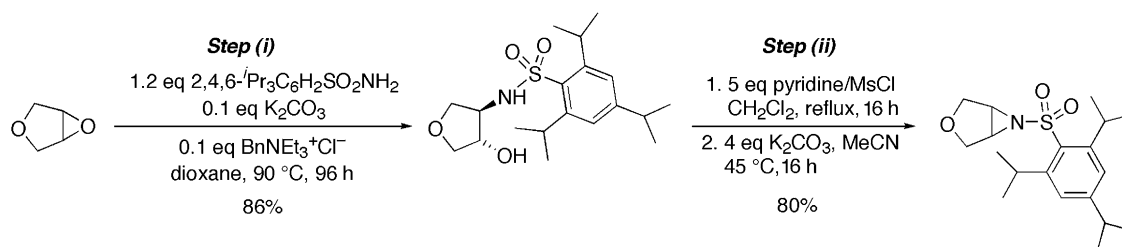
Tashfeen Aslam, Michael G. G. Fuchs, Adeline Le Formal and Richard H. Wightman*



Two-step syntheses of 2,4,6-triisopropylbenzenesulfonyl aziridines

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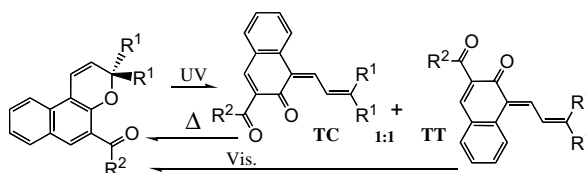
Jianhui Huang and Peter O'Brien*



Photoswitch based on remarkably simple naphthopyrans

pp 3257–3259

Xavier Sallenave, Stéphanie Delbaere, Gaston Vermeersch, Ahmed Saleh and Jean-Luc Pozzo*



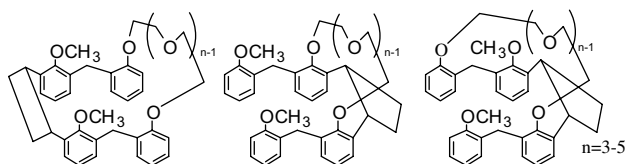
Easily synthesized 5-carbonyl-3,3-diphenyl-3H-naphtho[2,1-b]pyrans act as molecular photoswitch.



Synthesis of novel calixarenes having a tweezer-type structure

pp 3261–3263

Yukihiro Okada,* Masashi Yoshida and Jun Nishimura*



The [2+2]photocycloaddition of diolefins directly gave all the calix[4]arene regioisomers having chiral and achiral structures in 20–47% yields.

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*Corresponding author

①⁺ Supplementary data available via ScienceDirect



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