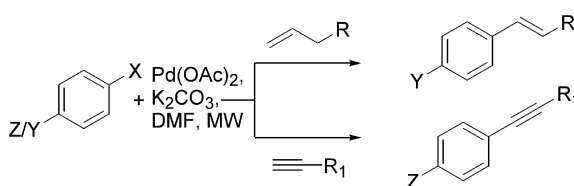


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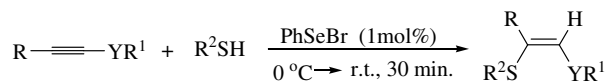
An improved general method for palladium catalyzed alkenylations and alkynylations of aryl halides pp 4801–4803

Andrea Togninelli, Harsukh Gevariya, Maddalena Alongi and Maurizio Botta\*



Regio- and stereoselective synthesis of vinyl sulfides via PhSeBr-catalyzed hydrothiolation of alkynes pp 4805–4808

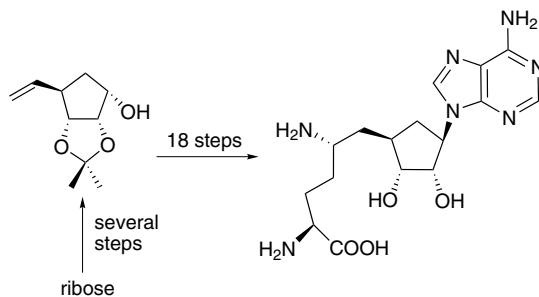
Flávia Manarin, Juliano A. Roehrs, Marina Prigol, Diego Alves, Cristina W. Nogueira and Gilson Zeni\*



Carbocyclic sinfungin

Xueqiang Yin, Guoxia Zhao and Stewart W. Schneller\*

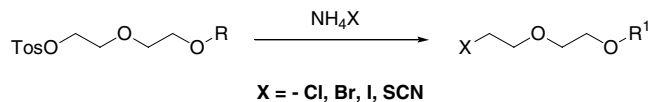
pp 4809–4811



**Practical use of NH<sub>4</sub>X salts for difunctional oxyethylene-based intermediates**

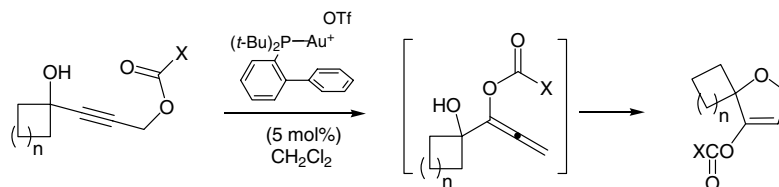
pp 4813–4815

Brian T. Holmes and Arthur W. Snow\*

**Au(I)-catalyzed tandem [3,3]-sigmatropic rearrangement–cycloisomerization cascade as a route to spirocyclic furans**

pp 4817–4820

Hyun-Suk Yeom, Suk-Jae Yoon and Seunghoon Shin\*

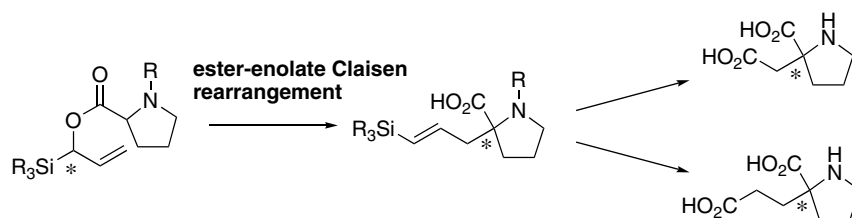


Gold-catalyzed reaction of 1-(3-hydroxypropynyl)cycloalkanol derivatives was studied. The reaction profile was highly dependent on the ring size, migrating group, as well as reaction conditions. An efficient route to spirocyclic furans via tandem [3,3]-sigmatropic rearrangement–cycloisomerization is reported.

**Ester-enolate Claisen rearrangement of proline-containing  $\alpha$ -acyloxy- $\alpha$ -vinylsilane. Synthesis of pyrrolidine-fused glutamate analogs**

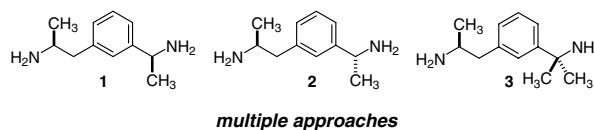
pp 4821–4824

Kazuhiko Sakaguchi,\* Masahiro Yamamoto, Yusuke Watanabe and Yasufumi Ohfuné\*

**Comparative approaches toward diamines containing spatially separated homobenzylic and benzylic nitrogen stereocenters**

pp 4825–4829

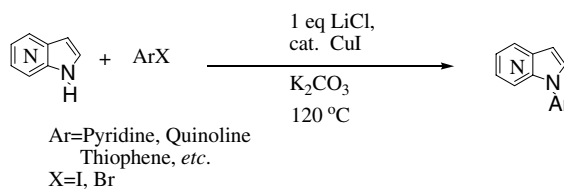
Michal Achmatowicz,\* Johann Chan, Philip Wheeler, Longbin Liu and Margaret M. Faul



**N-Arylation of azaindoles in LiCl-mediated catalytic CuI reactions**

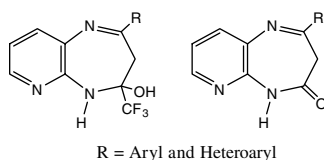
pp 4831–4833

Chang Sung Hong, Jae Young Seo and Eul Kgun Yum\*

**The first synthesis of dihydro-3H-pyrido[2,3-b][1,4]diazepinols and a new alternative approach for diazepinone analogues**

pp 4835–4838

Helio G. Bonacorso,\* Rogerio V. Lourega, Everton D. Deon, Nilo Zanatta and Marcos A. P. Martins



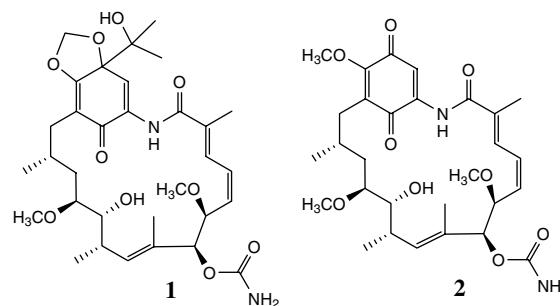
The new application of 4-methoxy-1,1,1-trifluoro(chloro)alk-3-en-2-ones for the synthesis of novel pyrido[2,3-b][1,4]diazepines, is reported.

**Pseudoverticin, a novel benzoquinone-derived ansamycin antibiotic obtained as new cell cycle inhibitor from *Streptomyces pseudoverticillus* YN17707**

pp 4839–4843

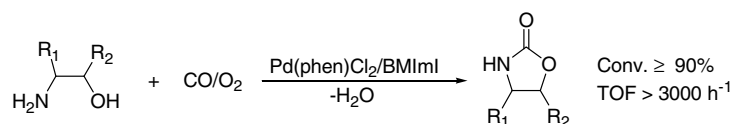
Cheng-Bin Cui,\* Bing Han, Bing Cai and Hao Wang

Pseudoverticin (**1**), a novel benzoquinone-derived ansamycin antibiotic showing cell cycle inhibitory activity, was isolated from the fermentation broth of *Streptomyces pseudoverticillus* YN17707 together with the known ansamycin antibiotic geldanamycin (**2**) and its structure was elucidated by spectroscopic methods. Pseudoverticin (**1**) provided a new ansamycin antibiotic possessing a novel benzoquinone-derived moiety, which arrested the cell cycle of mouse tsFT210 cells at the G<sub>0</sub>/G<sub>1</sub> phase.

**Pd(Phen)Cl<sub>2</sub> stabilized by ionic liquid: an efficient and reusable catalyst for biphasic oxidative cyclocarbonylation of β-aminoalcohols and 2-aminophenol**

pp 4845–4848

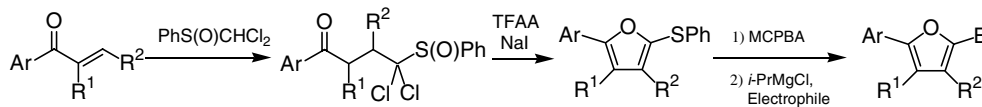
Fuwei Li\* and Chungu Xia\*



**A short synthesis of highly substituted furans from alkenyl aryl ketones with dichloromethyl phenyl sulfoxide**

pp 4849–4853

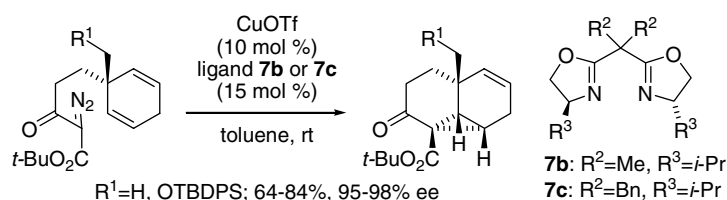
Toshifumi Miyagawa and Tsuyoshi Satoh\*



**Highly enantioselective preparation of tricyclo[4.4.0.0<sup>5,7</sup>]decene derivatives via catalytic asymmetric intramolecular cyclopropanation reactions of  $\alpha$ -diazo- $\beta$ -keto esters**

pp 4855–4859

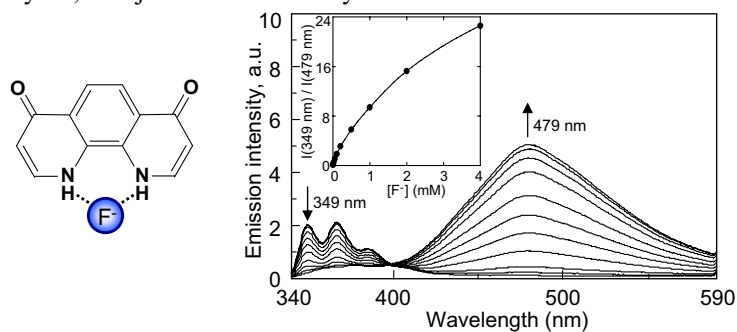
Ryoji Ida and Masahisa Nakada\*



**A ratiometric fluorescent chemosensor, 1,10-phenanthroline-4,7-dione, for anions in aqueous–organic media**

pp 4861–4864

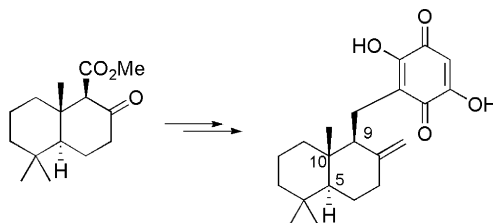
Junzo Hirano, Hiroyuki Miyata, Kenji Hamase and Kiyoshi Zaitseu\*



**Synthesis of a novel sphingosine kinase inhibitor (–)-F-12509A and determination of its absolute configuration**

pp 4865–4867

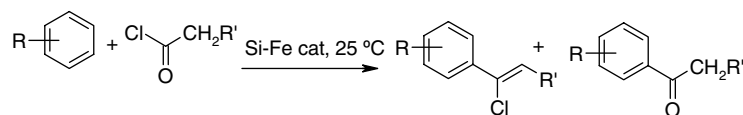
Nobuhiro Maezawa, Noriyuki Furuichi, Hiroshi Tsuchikawa and Shigeo Katsumura\*



**One-step preparation of  $\alpha$ -chlorostyrenes**

pp 4869–4872

Hanumant B. Borate,\* Abaji G. Gaikwad,\* Suleman R. Maujan, Sangmeshwer P. Sawargave and Kamalakar M. Kalal

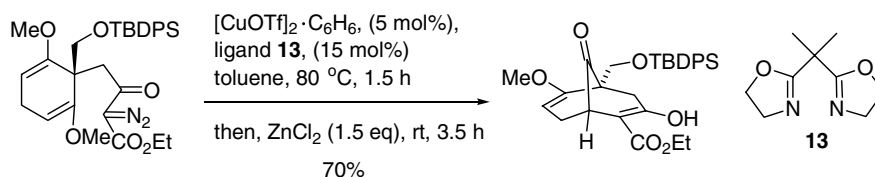


$\alpha$ -Chlorostyrenes were prepared via a one-step method involving Friedel–Crafts reaction of various aromatic substrates with acid chlorides in the presence of a heterogeneous Si–Fe catalyst.

**Synthetic studies on phloroglucins: a new approach to the bicyclo[3.3.1]nonane system via the regioselective ring-opening of the methoxycyclopropane**

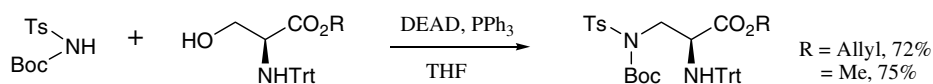
pp 4873–4877

Masahito Abe and Masahisa Nakada\*

**Use of the Mitsunobu reaction in the synthesis of orthogonally protected  $\alpha,\beta$ -diaminopropionic acids**

pp 4879–4882

Fintan Kelleher\* and Keith ó Proinsias

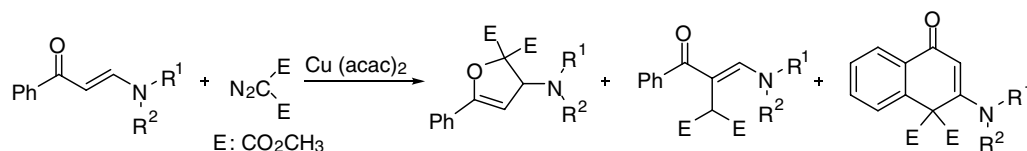


The reaction of *N*-trityl L-serine esters with *N*-substituted sulfonamides (e.g., Boc–NH–Ts) under Mitsunobu conditions gives orthogonally protected  $\alpha,\beta$ -diaminopropionic acids in good yields.

**Observations on the copper(II) catalyzed reactions of enaminones and dimethyl diazomalonate**

pp 4883–4886

Füsün Şeyma Güngör, Olcay Anaç\* and Özkan Sezer\*



**One-pot synthesis of functionalized hydantoin derivatives via a four-component reaction between an amine, an arylsulfonyl isocyanate and an alkyl propiolate or dialkyl acetylenedicarboxylate in the presence of triphenylphosphine** pp 4887–4890

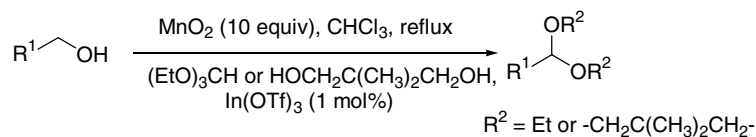
Abdolali Alizadeh\* and Ehsan Sheikhi



Reaction of a urea derivative derived from the addition of a primary amine to an arylsulfonyl isocyanate, and an alkyl propiolate or a dialkyl acetylenedicarboxylate in the presence of triphenylphosphine gave hydantoin derivatives.

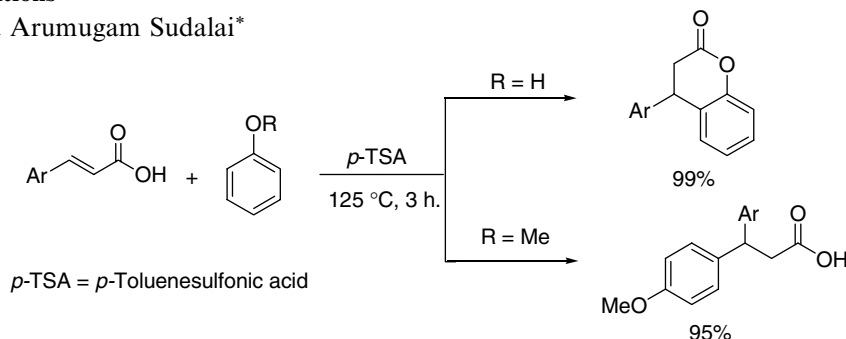
**Sequential and tandem oxidation/acetalization procedures for the direct generation of acetals from alcohols** pp 4891–4894

Brendan M. Smith and Andrew E. Graham\*



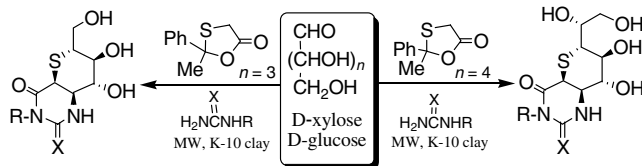
***p*-Toluenesulfonic acid mediated hydroarylation of cinnamic acids with anisoles and phenols under metal and solvent-free conditions** pp 4895–4898

Arun R. Jagdale and Arumugam Sudalai\*



**Biorenewable and mercaptoacetylating building blocks in the Biginelli reaction: synthesis of thiosugar-annulated dihydropyrimidines** pp 4899–4902

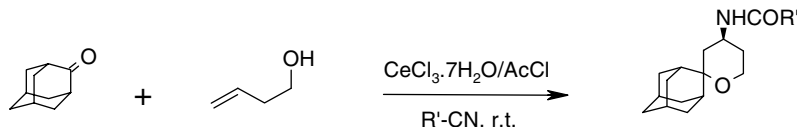
Lal Dhar S. Yadav,\* Chhama Awasthi, Vijai K. Rai and Ankita Rai



**CeCl<sub>3</sub>·7H<sub>2</sub>O/AcCl-catalyzed Prins–Ritter reaction sequence: a novel synthesis of 4-amido tetrahydropyran derivatives**

pp 4903–4906

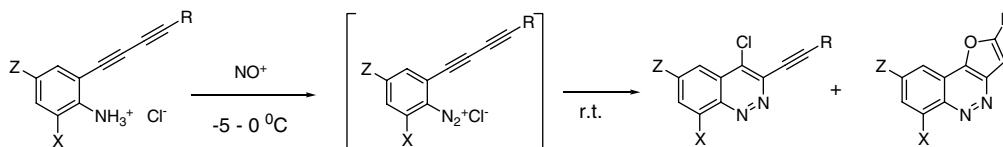
J. S. Yadav,\* B. V. Subba Reddy, G. G. K. S. Narayana Kumar and G. Madhusudhan Reddy



**The Richter reaction of *ortho*-(alka-1,3-diyne)aryldiazonium salts**

pp 4907–4909

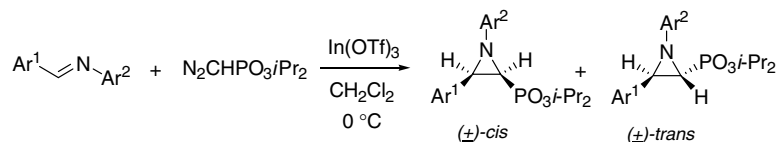
Olga V. Vinogradova, Victor N. Sorokoumov, Sergey F. Vasilevsky and Irina A. Balova\*



**Indium triflate catalyzed reaction of diisopropyl diazomethylphosphonate with imines as a new approach to *cis*- and *trans*-aziridine-2-phosphonates**

pp 4911–4914

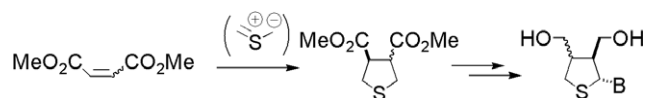
Roberto Pellicciari,\* Laura Amori, Natalia Kuznetsova, Simon Zlotzky and Antimo Gioiello



**Synthesis of 4'-thionucleosides by 1,3-dipolar cycloadditions of the simplest thiocarbonyl ylide with alkenes bearing electron-withdrawing groups**

pp 4915–4918

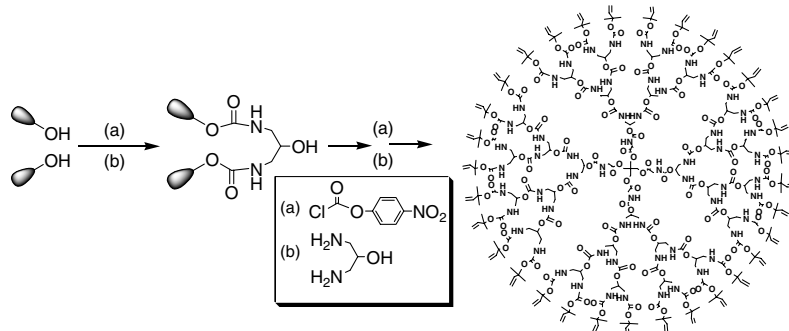
Antonino Corsaro,\* Venerando Pistrà, Maria Assunta Chiacchio, Elisa Vittorino and Roberto Romeo



**Efficient synthesis of immolative carbamate dendrimer with olefinic periphery**

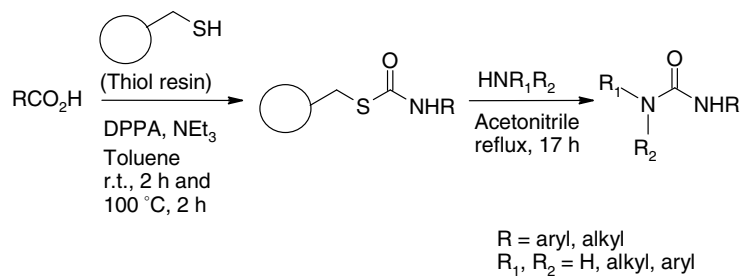
pp 4919–4923

Jeong-Kyu Lee, Young-Woong Suh, Mayfair C. Kung, Christopher M. Downing and Harold H. Kung\*

**Thiol on silica as a ‘catch and release’ support for isocyanates to afford ureas**

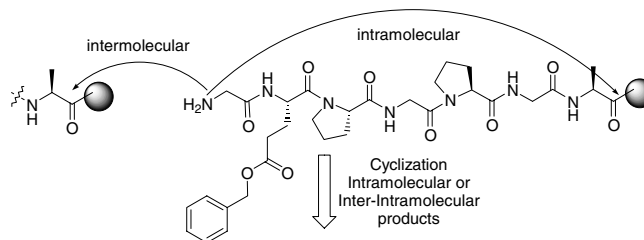
pp 4925–4927

Yuri Bolshan, Mirosław J. Tomaszewski and Vijayaratnam Santhakumar\*

**Preparation of large macrocyclic peptides using the oxime resin**

pp 4929–4933

Jean-Philippe Blanchette, Patrick Ferland and Normand Voyer\*

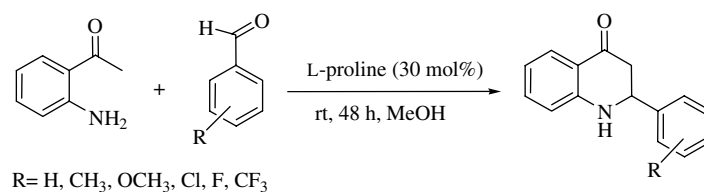


We exploited a peptide cyclization–cleavage reaction on oxime resin (PCOR) to obtain in one key step large macrocyclic peptides. Herein we report on the different parameters affecting the cyclization–oligomerization reaction, whether to favor cyclic monomer or cyclic oligomers formation.

**L-Proline-catalyzed one-pot synthesis of 2-aryl-2,3-dihydroquinolin-4(1H)-ones**

pp 4935–4937

S. Chandrasekhar,\* K. Vijeender and Ch. Sridhar

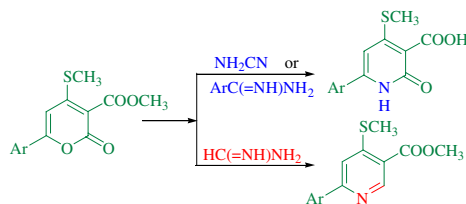




**Substituent directed regioselective synthesis of 2-oxonicotonic acids and methyl nicotines**

pp 4939–4942

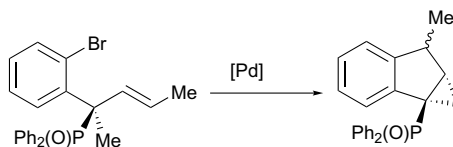
Ramendra Pratap, Farahanullah, Resmi Raghunandan, P. R. Maulik and Vishnu Ji Ram\*



**Reactivity of stable neopentyl-Pd intermediates in the absence of nucleophile**

pp 4943–4946

Frédéric Liron\* and Paul Knochel



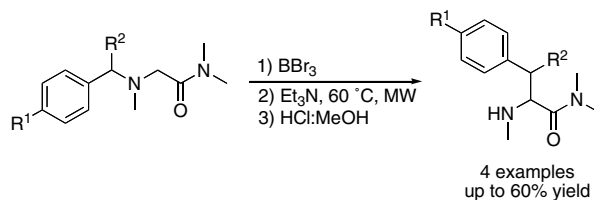
In the absence of nucleophiles, Pd intermediates spontaneously undergo under mild reaction conditions a regioselective C(sp<sup>3</sup>)-H activation.



**Lewis acid mediated [1,2]-rearrangement of ammonium ylides**

pp 4947–4949

Pavel Tuzina and Peter Somfai\*



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**Corrigendum**

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\*Corresponding author

Supplementary data available via ScienceDirect

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