

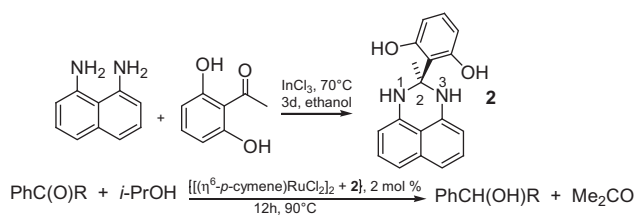
Tetrahedron Letters Vol. 54, Issue 12, 2013

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COMMUNICATIONS

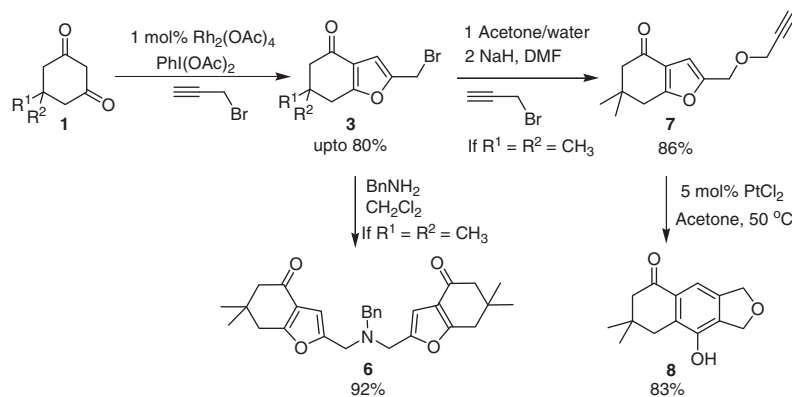
Preparation, structure, and metal coordination of 2-(2-methyl-2,3-dihydro-1H-perimidin-2-yl)benzene-1,3-diol pp 1503–1506

Maria Elena Cucciolito, Barbara Panunzi*, Francesco Ruffo, Angela Tuzi



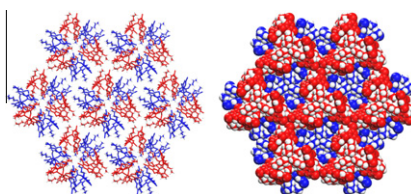
One pot rhodium catalyzed, base and solvent-free synthesis of 2-(bromomethyl)furan derivatives and synthesis of Hashmi phenol through platinum catalyzed cascade cyclization pp 1507–1509

Mahalingam Sivaraman, Doraiswamy Muralidharan, Paramasivan T. Perumal*



A 3D supramolecular network assembly based on thiacalix[4]arene by halogen–halogen, CH–Br, CH–π, and S–π interactions pp 1510–1514

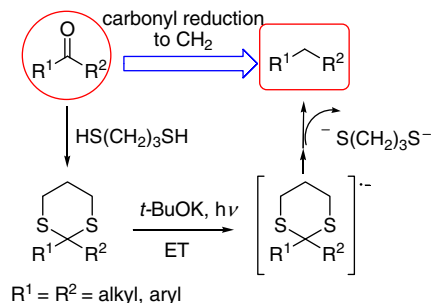
Manabu Yamada*, Yuji Ootashiro, Yoshihiko Kondo, Fumio Hamada*



Photoreduction of aliphatic and aromatic thioketals: new access to the reduction of carbonyl groups by a desulfurization chain process

pp 1515–1518

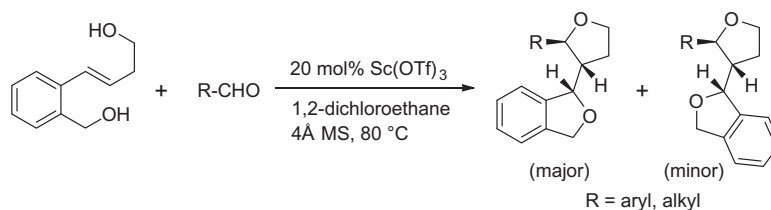
Gabriela Oksdath-Mansilla, Juan E. Argüello*, Alicia B. Peñeñory*



Diastereoselective synthesis of 1-(tetrahydrofuran-3-yl)-1,3-dihydroisobenzofuran derivatives via Prins bicyclization

pp 1519–1523

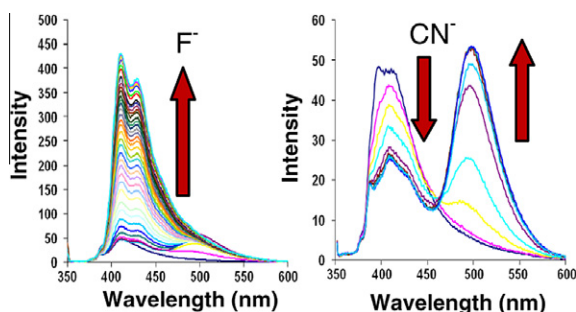
B. V. Subba Reddy*, Sayed Jalal, Prashant Borkar, J. S. Yadav, P. Gurava Reddy, A. V. S. Sarma



Differential fluorogenic sensing of F⁻ versus CN⁻ based on thiacalix[4]arene derivatives

pp 1524–1527

Manoj Kumar*, Rajesh Kumar, Vandana Bhalla

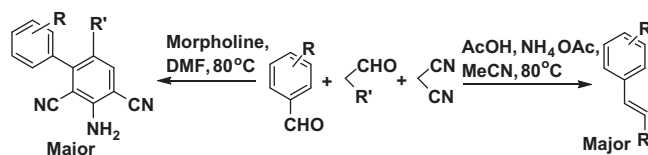


Thiacalix[4]arene based pyrene-appended fluorescent chemosensors **4** and **5** bearing thiourea moieties have been synthesized which show high selectivity towards fluoride and cyanide ions with different recognition behaviour. The addition of fluoride ions leads to enhancement in fluorescence emission of chemosensors **4** and **5**. However, addition of cyanide ions results in ratiometric response with quenching in monomer emission and formation of excimer emission.

One-step method for the synthesis of aryl olefins from aryl aldehydes and aliphatic aldehydes

pp 1528–1530

Hanumant B. Borate*, Supriya H. Gaikwad, Ananada S. Kudale, Subhash P. Chavan, Shrikant G. Pharande, Vitthal D. Wagh, Vikram S. Sawant



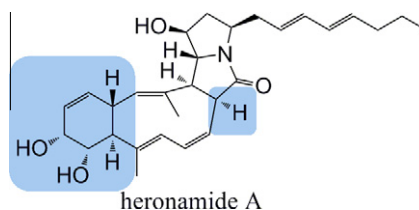
A conceptually new one-step reaction affording unexpected aryl olefinic product from aromatic aldehyde, aliphatic aldehyde and malononitrile in the presence of acetic acid-ammonium acetate under mild reaction conditions without using any metal catalyst is reported. This novel reaction was used to prepare a number of substituted aryl olefins including new molecules.



Stereochemical reassignment of heronamide A, a polyketide macrolactam from *Streptomyces* sp.

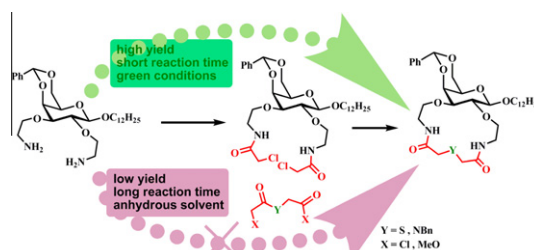
pp 1531–1533

Ryosuke Sugiyama, Shinichi Nishimura*, Hideaki Kakeya*

**Novel mixed-heteroatom macrocycles via templating: a new protocol**

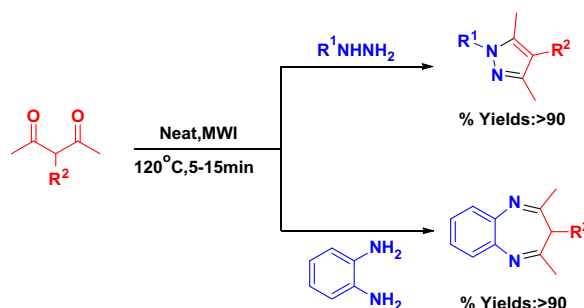
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Karem J. Sabah*, Rauzah Hashim

**Mixing with microwaves: solvent-free and catalyst-free synthesis of pyrazoles and diazepines**

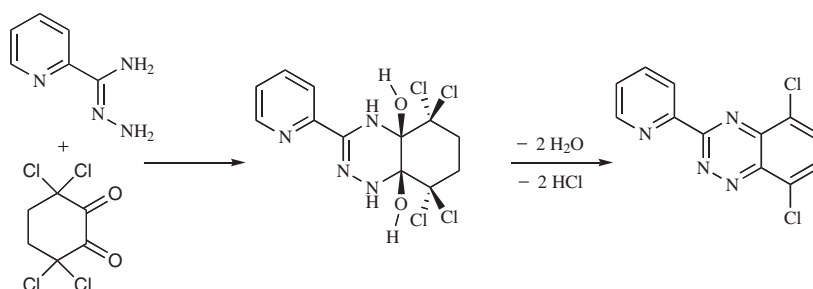
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Buchi Reddy Vaddula, Rajender S. Varma*, John Leazer*

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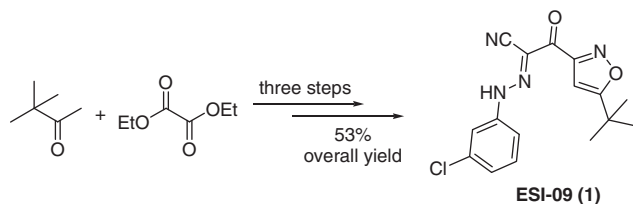
Antonio Guirado*, José I. López Sánchez, Rubén Moreno, Jesús Gálvez*



Efficient synthesis of ESI-09, a novel non-cyclic nucleotide EPAC antagonist

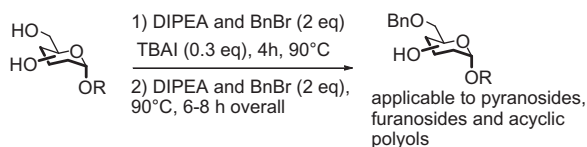
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Haijun Chen, Chunyong Ding, Christopher Wild, Huiling Liu, Tianzhi Wang, Mark A. White, Xiaodong Cheng, Jia Zhou*

**A practical approach to regioselective O-benylation of primary positions of polyols**

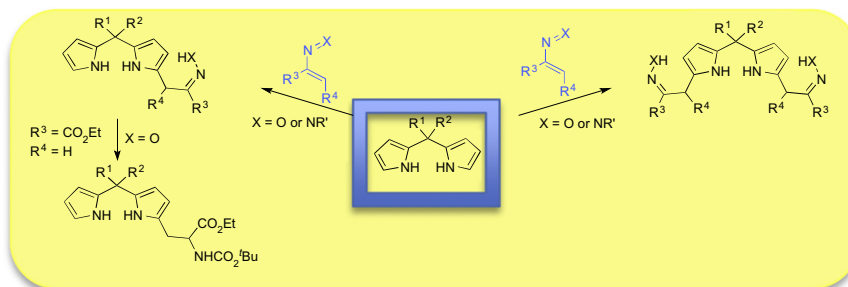
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Maddalena Giordano, Alfonso Iadonisi*

**Functionalization of dipyrromethanes via hetero-Diels–Alder reaction with azo- and nitrosoalkenes**

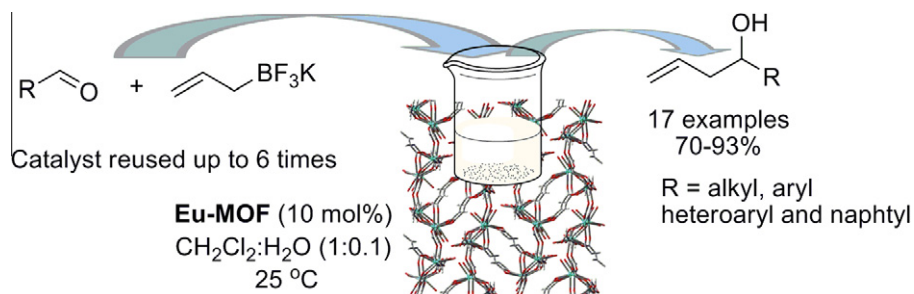
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Nelson A. M. Pereira, Américo Lemos, Arménio C. Serra, Teresa M. V. D. Pinho e Melo*

**Allylation of aldehydes with potassium allyltrifluoroborate catalyzed by lanthanide-based metal-organic framework**

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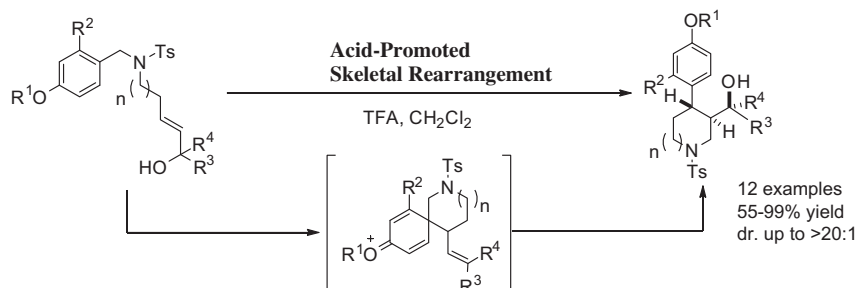
Juliano C. R. Freitas, Cristiane K. de Oliveira, Edilanio C. Cunha, Ivani Malvestiti*, Severino Alves Jr., Ricardo L. Longo, Paulo H. Menezes*



A novel method for synthesizing 3-arylpyrrolidine and 4-arylpiperidine derivatives through an acid-promoted skeletal rearrangement

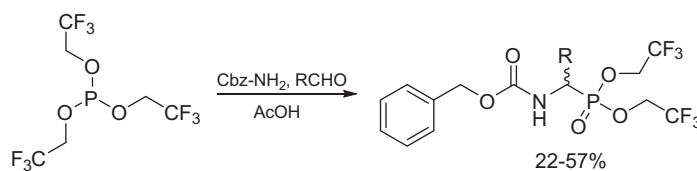
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Takuya Yokosaka, Tetsuhiro Nemoto, Yasumasa Hamada*

**Efficient methods for the synthesis of α -aminophosphonate fluoroalkyl esters**

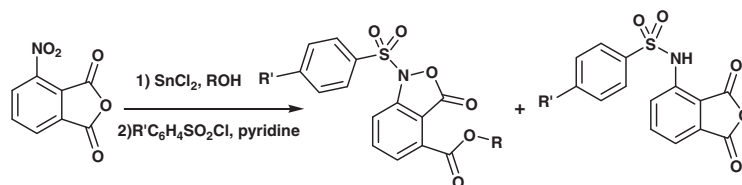
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Marcin Skoreński, Józef Oleksyszyn, Marcin Sieńczyk*

**Reduction of 3-nitrophthalic anhydride by SnCl₂ in different alcohols: a simple synthesis of alkyl 1,3-dihydro-3-oxo-2,1-benzisoxazole-4-carboxylates**

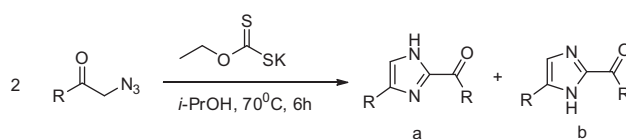
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**One-pot synthesis of disubstituted imidazole derivatives from α -azido ketones catalyzed by potassium ethylxanthate**

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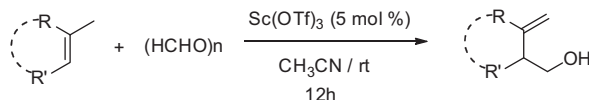
Jun Chen, Wenteng Chen, Yongping Yu*, Guolin Zhang*



Scandium(III) triflate catalyzed synthesis of primary homoallylic alcohols via carbonyl-ene reaction

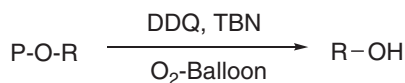
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Sabera Sultana, Somasekhar Bondalapati, Kiran Indukuri, Paramartha Gogoi, Pipas Saha, Anil K. Saikia*

**Aerobic oxidative deprotection of benzyl-type ethers under atmospheric pressure catalyzed by 2,3-dichloro-5,6-dicyano-1,4-benzoquinone (DDQ)/tert-butyl nitrite**

pp 1579–1583

Zhenlu Shen*, Lili Sheng, Xiaochu Zhang, Weimin Mo, Baoxiang Hu, Nan Sun, Xinquan Hu*



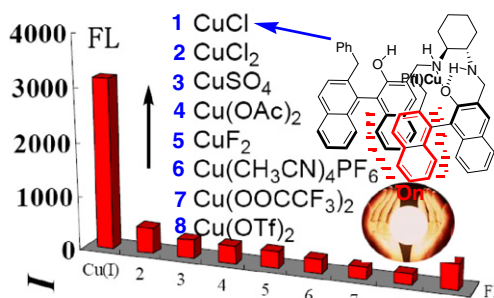
P: benzyl-type protecting group,
PMB, PPB or Bn

A facile and efficient protocol for the oxidative deprotection of benzyl-type ethers has been developed. The reaction was performed with catalytic amounts of 2,3-dichloro-5,6-dicyano-1,4-benzoquinone (DDQ) and *tert*-butyl nitrite (TBN) under atmospheric pressure of O₂. Under the optimal reaction conditions, a variety of PMB, PPB, and Bn ethers can be deprotected to their corresponding alcohols in excellent conversions and selectivities.

**Chiral Ar-BINMOL-derived salan as fluorescent sensor for recognition of CuCl and cascade discrimination of α -amino acids**

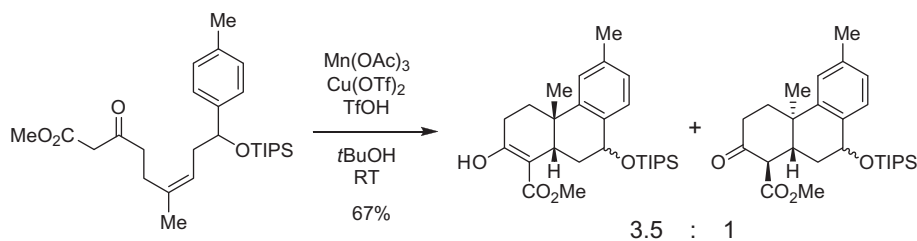
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Fei Li, Li Li, Wei Yang, Long-Sheng Zheng, Zhan-Jiang Zheng, Kezhi Jiang, Yixin Lu, Li-Wen Xu*

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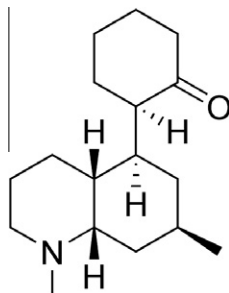
Eriko Suzuki, Minoru Ueda, Shigeru Ohba, Takeshi Sugai, Mitsuru Shoji*



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Yusuke Hirasawa, Yuri Kato, Chin Piow Wong, Nahoko Uchiyama, Yukihiro Goda, A. Hamid A. Hadi, Hiroshi Morita*

**Simple and clean synthesis of ketones from internal olefins using PdCl₂/*N,N*-dimethylacetamide catalyst system**

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Takato Mitsudome, Syuhei Yoshida, Yamato Tsubomoto, Tomoo Mizugaki, Koichiro Jitsukawa, Kiyotomi Kaneda*

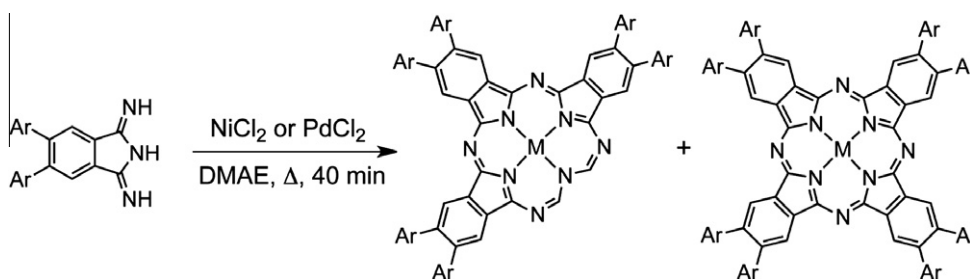


Internal olefins having functional groups at allylic positions were regioselectively oxidized to the corresponding ketones in the presence of PdCl₂ and *N,N*-dimethylacetamide as the solvent under an O₂ atmosphere.

**Nickel and palladium complexes of *seco*-tribenzoporphyrazines derived from one-pot condensation of 1,3-diiminoisindoline**

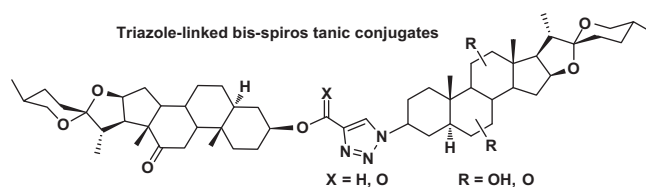
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Ippei Sugita, Soji Shimizu, Takamitsu Fukuda, Nagao Kobayashi*

**Synthesis and conformational study of triazole-linked bis-spirostanic conjugates**

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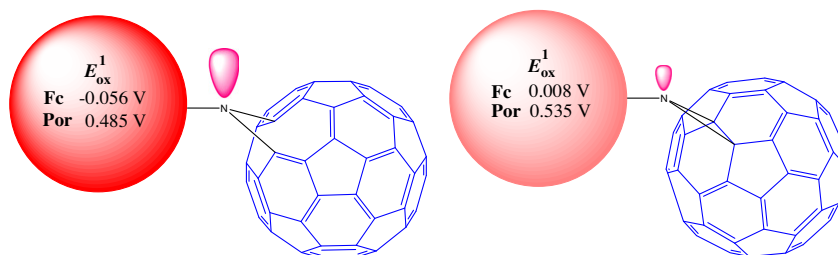
Karell Pérez-Labrada, Cercis Morera, Ignacio Brouard*, Raciél Llerena, Daniel G. Rivera*



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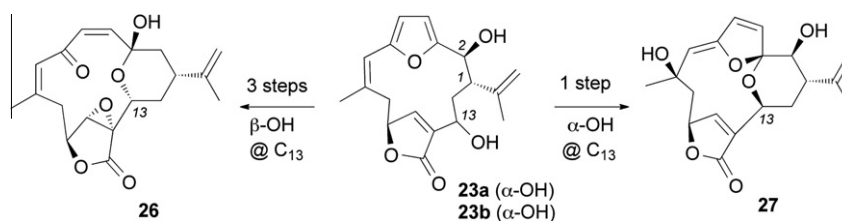
Chen Chen, Yi-Zhou Zhu, Hai-Ying Zhao, Jian-Yu Zheng*



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Alec Saitman, Steven D. E. Sullivan, Emmanuel A. Theodorakis*



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*Corresponding author

Supplementary data available via SciVerse ScienceDirect

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ISSN 0040-4039