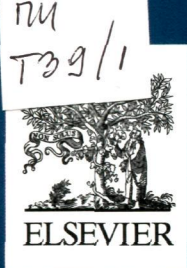


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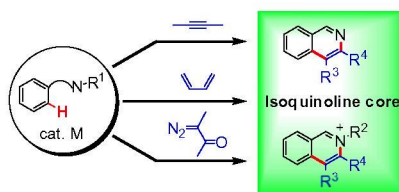
Contents

DIGEST PAPER

Isoquinoline skeleton synthesis via chelation-assisted C–H activation

pp 5705–5713

Ruoyu He, Zhi-Tang Huang, Qi-Yu Zheng, Congyang Wang*

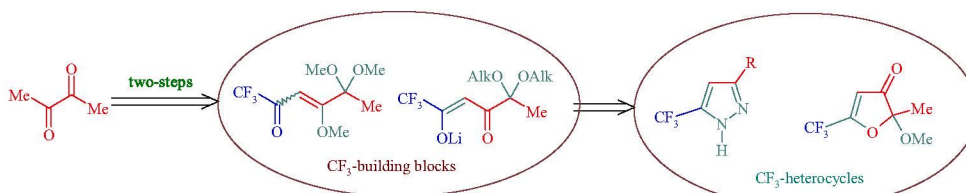


COMMUNICATIONS

A concise approach to CF₃-containing furan-3-ones, (bis)pyrazoles from novel fluorinated building blocks based on 2,3-butanedione

pp 5714–5717

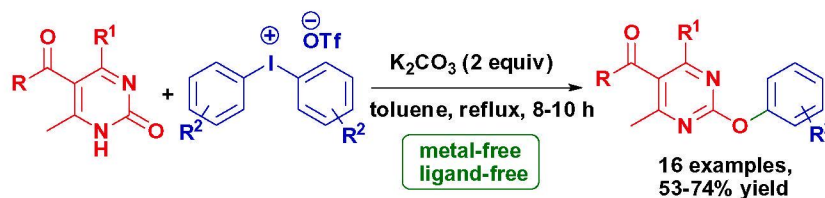
Denis N. Bazhin*, Dmitry L. Chizhov, Gerd-Volker Röschenthaler, Yulia S. Kudyakova, Yanina V. Burgart, Pavel A. Slepukhin, Victor I. Saloutin, Valery N. Charushin



Direct metal-free O-arylation of Biginelli 4-aryl-6-methyl-pyrimidine-2(1H)-one derivatives using diaryliodonium salts

pp 5718–5721

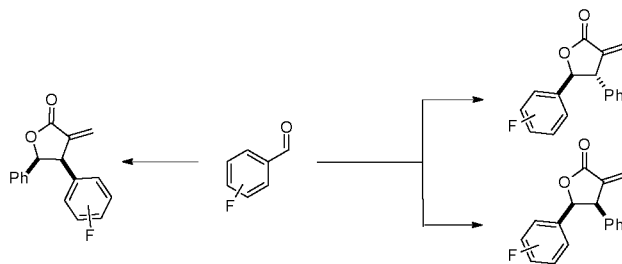
Prerana B. Thorat, Nitin A. Waghmode, Nandkishor N. Karade*



Syntheses of β - and γ -fluorophenyl *cis*- and *trans*- α -methylene- γ -butyrolactones

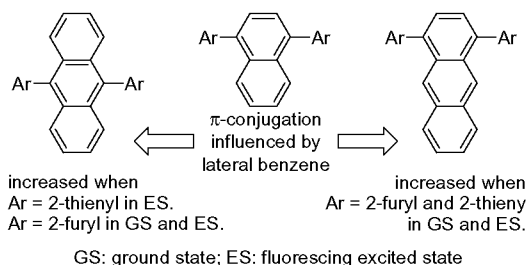
pp 5722–5726

P. Veeraraghavan Ramachandran*, Hari Narayanan G. Nair, Pravin Gagare

**The improvement of π -conjugation by the lateral benzene of anthracene and naphthalene**

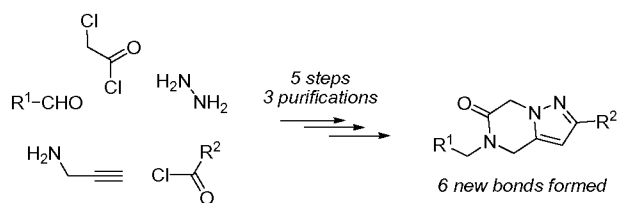
pp 5727–5731

Jinn-Hsuan Ho*, Yu-Hsien Chen, Li-Ting Chou, Po-Wei Lai, Pin-Sian Chen

**An expeditious and atom-economic synthesis of lead-like, medically important 4,5-dihydropyrazolo [1,5-*a*]pyrazin-6-ones**

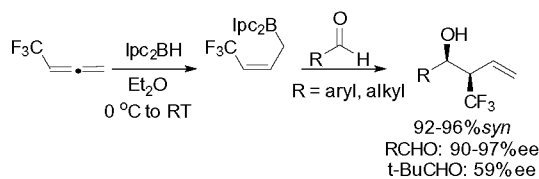
pp 5732–5735

Prashant Mujumdar, Alexander Sapegin, Mikhail Dorogov, Mikhail Krasavin*

**Preparation and diastereo- and enantioselective trifluorocrotylboration with (*Z*)-(*B*)-diisopinocampheyl (4,4,4-trifluorobut-2-en-1-yl)borane**

pp 5736–5738

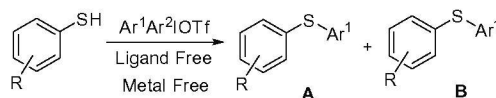
Guisheng Li, Pravin D. Gagare, P. Veeraraghavan Ramachandran*



Rapid synthesis of aryl sulfides through metal-free C–S coupling of thioalcohols with diaryliodonium salts

pp 5739–5741

Dawei Wang*, Xin Yu, Keyan Zhao, Liang Li, Yuqiang Ding*



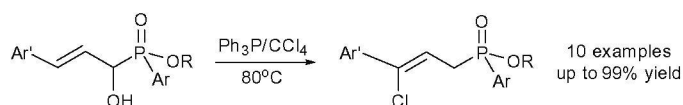
Up to 96% yield; **A:B** >8:1
 Room temperature
 Only 10 minutes

An efficient, general, and highly selective method for the synthesis of aryl sulfides has been developed through metal-free, direct C–S coupling from thioalcohols and diaryliodonium salts. Significantly, the reaction took only 10 min complete and produced high yields at room temperature. Thus this methodology proves its value as a versatile synthetic choice for a broad range of aryl sulfides, producing good to excellent yields.

**Phosphonium salt induced stereoselective allylic rearrangement during chlorination of α -hydroxyallylphosphinates**

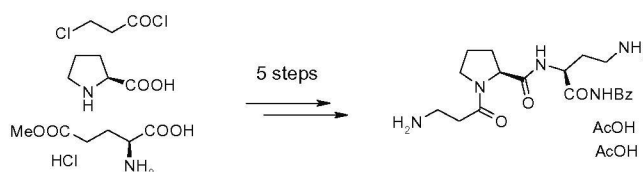
pp 5742–5744

Si-Yu Ji, Yong-Ming Sun, He Zhang, Qing-Gao Hou, Chang-Qiu Zhao*

**A shortened, protecting group free, synthesis of the anti-wrinkle venom analogue Syn-Ake[®] exploiting an optimized Hofmann-type rearrangement**

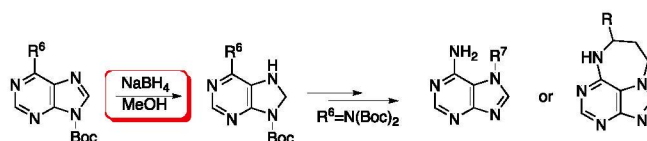
pp 5745–5747

A. N. Balaev*, K. A. Okhmanovich, V. N. Osipov

**Sodium borohydride mediated reduction of N-Boc protected purines and applications in the synthesis of 7-alkyladenines and tetrahydro[1,4]diazepino-[1,2,3-gh]purines**

pp 5748–5750

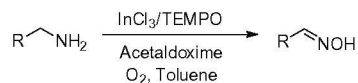
Thomas Ihle Aarhus, Urs Fabian Fritze, Martin Hennem, Lise-Lotte Gundersen*



A novel and efficient catalytic system including TEMPO/acetaldoxime/ InCl_3 for aerobic oxidation of primary amines to oximes

pp 5751–5755

Jiatao Yu, Xiaohua Cao, Ming Lu*



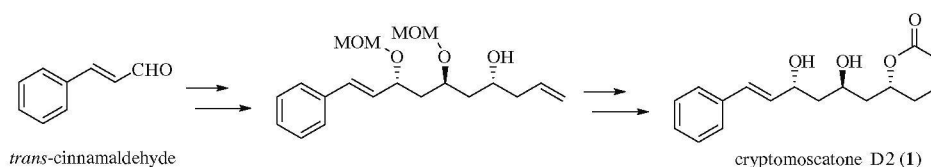
A simple and efficient catalytic system including TEMPO/acetaldoxime/ InCl_3 for aerobic oxidation of primary amines to corresponding oximes by using toluene as the solvent is described. This practical method can use O_2 as the economic and green oxidant, tolerate a wide range of substrates, which can afford the target oximes in moderate to excellent yields.



Stereoselective synthesis of cryptomoscatone D2

pp 5756–5758

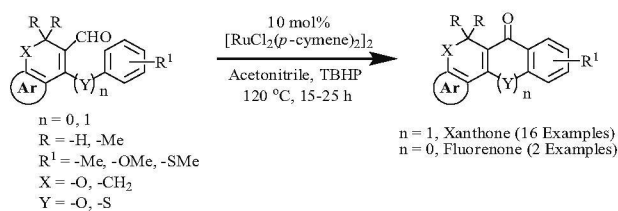
Atla Raju, Gowravaram Sabitha*



$[\text{RuCl}_2(p\text{-cymene})_2]_2$ catalyzed cross dehydrogenative coupling (CDC) toward xanthone and fluorenone analogs through intramolecular C–H bond functionalization reaction

pp 5759–5763

Sudipta Kumar Manna, Srinivas Lavanya Kumar Manda, Gautam Panda*



Pd-catalyzed atom-economic couplings of triarylbi-muth reagents with 2-bromo- and 2,6-dibromochromones and synthesis of medicinally important fisetin

pp 5764–5770

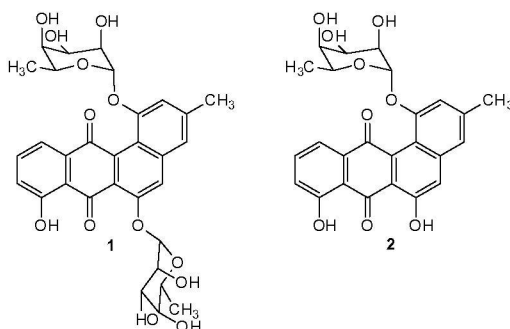
Maddali L. N. Rao*, Abhijeet Kumar



Amycomycins C and D, new angucyclines from *Kitasatospora* sp.

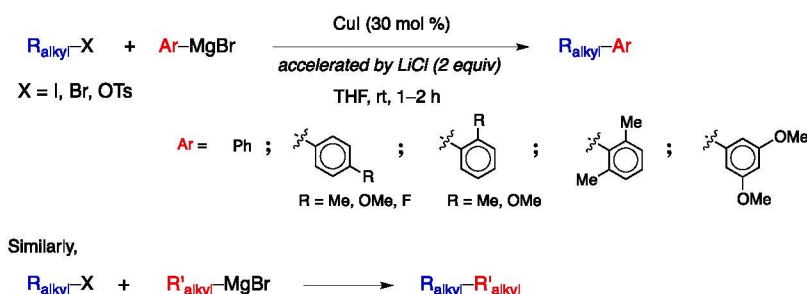
pp 5771–5773

Elke Brötz, Oksana Bilyk, Stephanie Kröger, Thomas Paululat*, Andreas Bechthold, Andriy Luzhetskyy*

**Acceleration of CuI-catalyzed coupling reaction of alkyl halides with aryl Grignard reagents using lithium chloride**

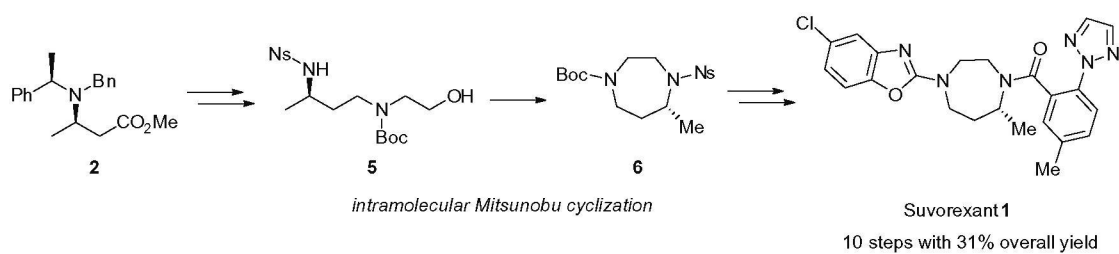
pp 5774–5777

Kenya Nakata, Chao Feng, Toshifumi Tojo, Yuichi Kobayashi*

**Laboratory and practical synthesis of Suvorexant, a selective dual orexin receptor antagonist**

pp 5778–5780

Daisuke Minehira*, Satoyuki Takahara, Isao Adachi, Naoki Toyooka*

**Design and synthesis of oxa-bowls via Diels–Alder reaction and ring-rearrangement metathesis as key steps**

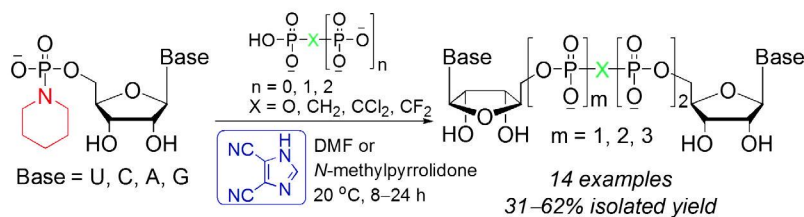
pp 5781–5784

Sambasivarao Kotha*, Ongolu Ravikumar



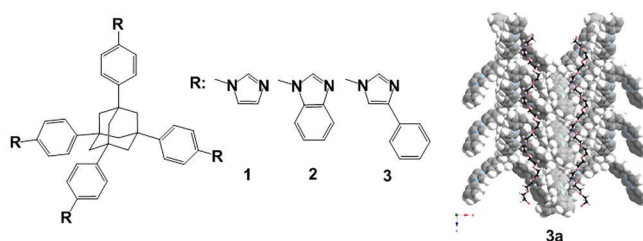
One-pot synthesis of symmetrical dinucleoside polyphosphates and analogs via 4,5-dicyanoimidazole-promoted tandem P–O coupling reactions

Qi Sun*, Jian Sun, Shan-Shan Gong, Cheng-Jun Wang, Xing-Cong Wang



Channel-dependent conformations of single-strand polymers in organic networks composed of tetrapodal adamantanes with N-heterocyclic moieties

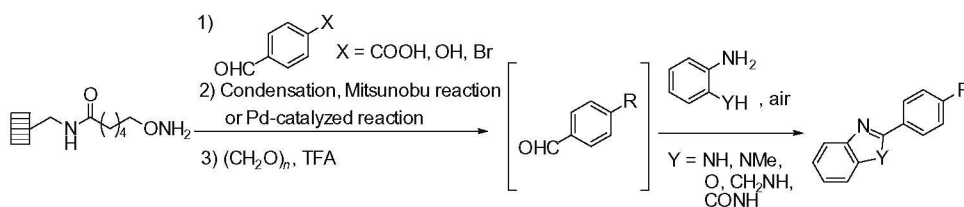
Masahide Tominaga*, Akitaka Iekushi, Kosuke Katagiri, Kazuaki Ohara, Kentaro Yamaguchi, Isao Azumaya*



Solid-phase synthesis of benzazoles, quinazolines, and quinazolinones using an alkoxyamine linker

pp 5793–5797

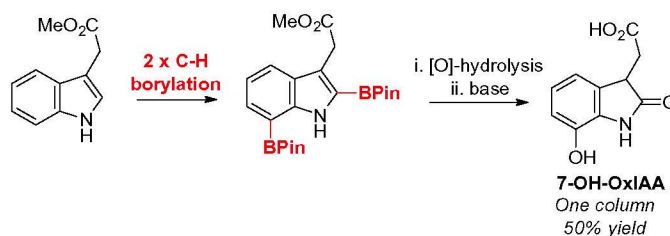
Kota Yamaguchi, Takeshi Noda, Yusuke Higuchi, Naoyuki Aoki, Rika Yamaguchi, Miwa Kubo, Kenichi Harada, Yoshiyasu Fukuyama, Hideaki Hioki*



A short synthesis of the endogenous plant metabolite 7-hydroxyoxindole-3-acetic acid (7-OH-OxIAA) using simultaneous C–H borylations

pp 5798–5800

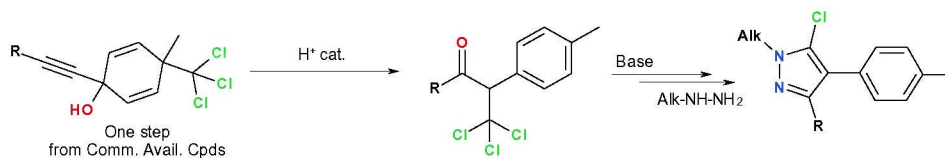
Joshua A. Homer, Jonathan Sperry*



Preparation of 5-chloropyrazoles via tandem Meyer–Schuster/von Auwers rearrangements

pp 5801–5804

Raphaël Dumeunier*, Simon Jaeckh, Rebekka Goebel

**Microwave-assisted chemoselective synthesis of novel pyrazolo[3,4-*b*]thieno[3,4-*e*]pyridines: substitution induced axial chirality**

pp 5805–5807

Mani Anusha Rani, Veerappan Jeyachandran, Muthumani Muthu, Subbiah Sivakolunthu, Raju Ranjith Kumar*

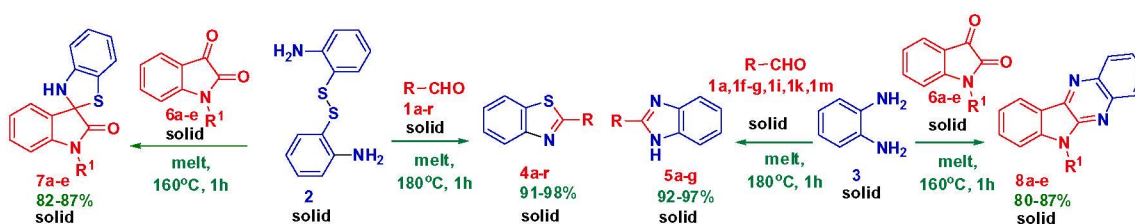


An environmentally benign microwave-assisted synthesis of novel pyrazolo[3,4-*b*]thieno[3,4-*e*]pyridines via tandem Michael addition–cyclization–tautomerization–oxidative aromatization sequence of reactions is reported. Some of these compounds exhibited axial chirality due to restricted rotation around C–C single bond.

**An efficient protocol for the synthesis of benzoheterocyclic compounds via solid-state melt reaction (SSMR)**

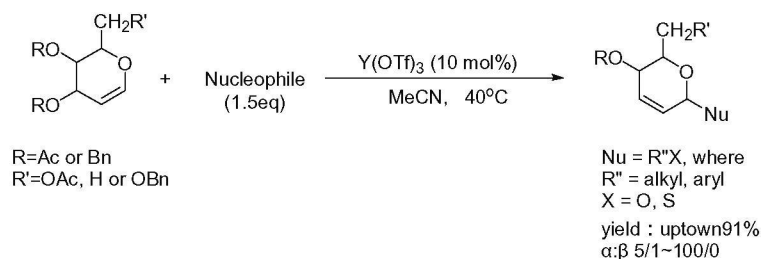
pp 5808–5812

Manickam Bakthadoss*, Raman Selvakumar, Jayakumar Srinivasan

**Y(OTf)₃ as a highly efficient catalyst in Ferrier Rearrangement for the synthesis of *O*- and *S*-2,3-unsaturated glycopyranosides**

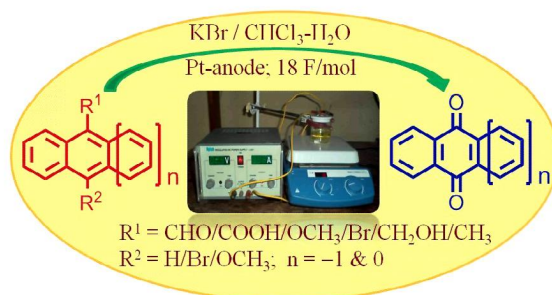
pp 5813–5816

Peiran Chen*, Shan Li



Indirect electrochemical oxidation of substituted polycyclic aromatic hydrocarbons to corresponding *para*-quinones pp 5817–5821

Palani Natarajan*, Vinuta Devi Vagicherla, Muthana Thevar Vijayan

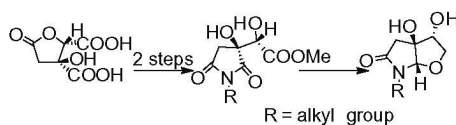


Indirect electrochemical synthesis of quinone derivatives of a series of substituted anthracene and naphthalene by the electrolysis of aqueous solution of potassium bromide (3.0 M) using Pt anode at constant current density (40 mA/cm²) has been carried out. These reactions resulted in good to excellent yields of corresponding *para*-quinones as confirmed by physical and spectral data.



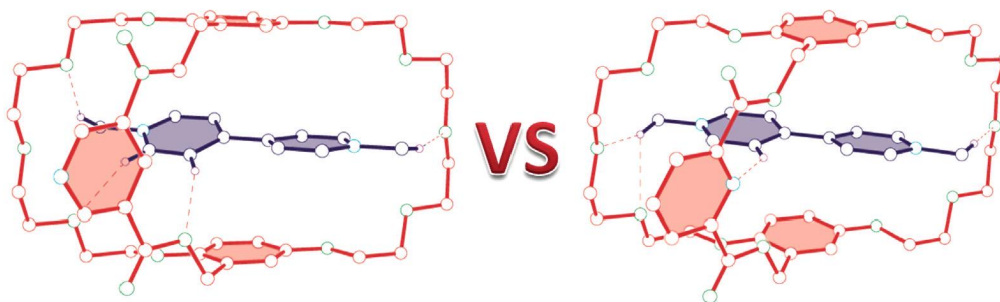
Synthesis of enantiopure furo[2,3-*b*]pyrroles pp 5822–5824

Divya S. Nair, Ibrahim Ibnusaud*



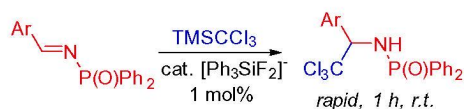
Two bis(*p*-phenylene)-34-crown-10-based cryptand constitutional isomers: different binding abilities induced by structural alterations pp 5825–5828

Peifa Wei, Zhengtao Li, Binyuan Xia*



Nucleophilic addition of TMSCl₃ to *N*-phosphinoyl benzaldimines: a route to *N*-phosphinoyl- α -(trichloromethyl)benzylamines pp 5829–5831

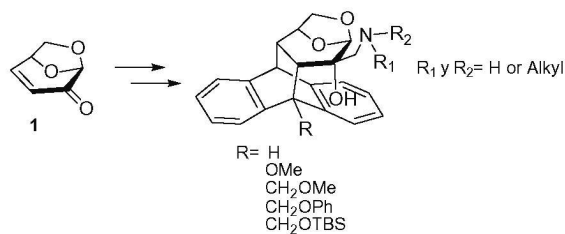
Benoit Wahl, Albert Cabré, Simon Woodward*, William Lewis



New chiral 1,2-aminoalcohols derived from biomass and their application in diethyl zinc additions

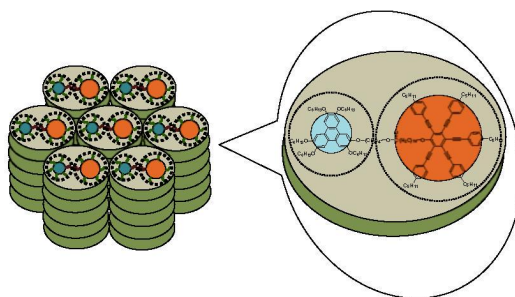
pp 5832–5835

María M. Zanardi, María C. Botta, Alejandra G. Suárez*

**A room temperature discotic mesogenic dyad based-on triphenylene and pentaalkynylbenzene**

pp 5836–5840

Monika Gupta, Indu Bala, Santanu Kumar Pal*

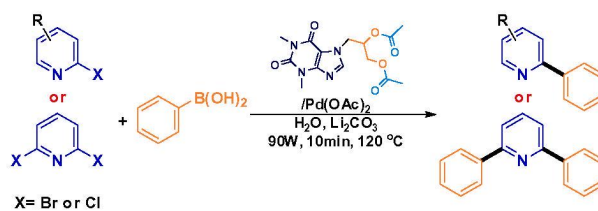


The first example of a novel triphenylene–pentaalkynyl benzene dyad showing columnar hexagonal mesophase at room temperature.

**Synthesis and characterization of hydrophilic theophylline base compounds and their use as ligands in the microwave assisted Suzuki–Miyaura couplings of halopyridines in water**

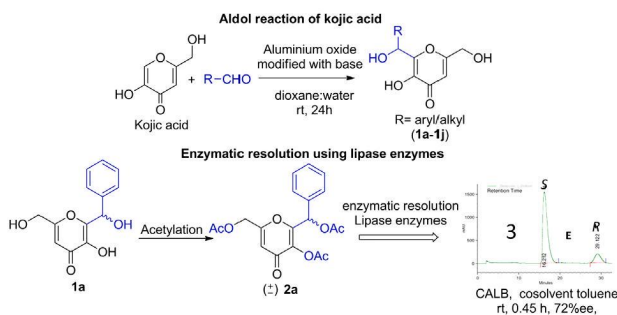
pp 5841–5845

Patricia Conelly-Espinosa, Ruben A. Toscano, David Morales-Morales*

**Aldol reaction of kojic acid using alumina supported base catalyst and enzymatic resolution of the aldol adduct by CALB**

pp 5846–5850

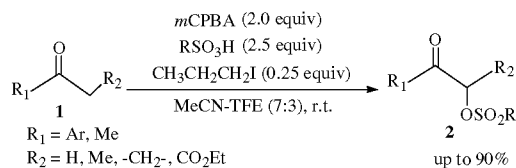
Deepak K. Sharma, Baldev Singh, Debaraj Mukherjee*



Novel α -tosyloxylation of ketones catalyzed by the in situ generated hypoiodous acid from alkyl iodide

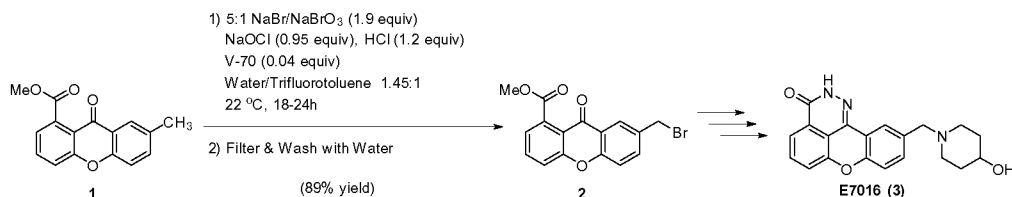
pp 5851–5854

Bijun Zhang, Liuquan Han, Jiantao Hu, Jie Yan*


A green bromination process for synthesis of a novel drug candidate

pp 5855–5858

Steven R. Mathieu, George A. Moniz*



*Corresponding author

Supplementary data available via ScienceDirect

Abstracted/indexed in: AGRICOLA, Beilstein, BIOSIS Previews, CAB Abstracts, Chemical Abstracts, Chemical Engineering and Biotechnology Abstracts, Current Biotechnology Abstracts, Current Contents: Life Sciences, Current Contents: Physical, Chemical and Earth Sciences, Current Contents Search, Derwent Drug File, Ei Compendex, EMBASE/Excerpta Medica, Medline, PASCAL, Research Alert, Science Citation Index, SciSearch. Also covered in the abstract and citation database Scopus®. Full text available on ScienceDirect®



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