

Sustainable Mizoroki–Heck reaction in water: remarkably high activity of Pd(OAc)₂ immobilized on reversed phase silica gel with the aid of an ionic liquid

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The TON and TOF in Table 4 were incorrectly calculated. These figures have been re-calculated and Table 4 is revised as follows.

All TON and TOF described in the text should be changed to 200,000 and 20,000, respectively.

Table 4 Performance of low Pd loading catalyst in the reaction of iodobenzene and cyclohexyl acrylate

Entry	Catalyst (mol%)	Time (h)	Yield ^d (%)	TON	TOF (h ⁻¹)
1 ^a	0.0004	20	35	90,000	5,000
2 ^b	0.12	5	95	790	160
3 ^b	0.014	33	100	7,100	220
4 ^b	0.0058	22.5	96	17,000	760
5 ^c	0.0004	10	99	200,000	20,000

^a The reaction was carried out with the Pd immobilized on normal phase silica gel (Pd loading: 0.18 mmol/g) and two equiv. of *n*-Bu₃N in *n*-dodecane at 150 °C.³ The flask was washed with conc. nitric acid before use. ^b The reaction was carried out with NDEAP-Pd (Pd loading: 0.047 mmol/g) and two equiv. of *n*-Bu₃N in water at 100 °C. The flask was washed with conc. nitric acid before use. ^c The reaction was carried out with NDEAP-Pd (Pd loading: 0.04 mmol/g) and two equiv. of *n*-Bu₃N in water at 100 °C. The reaction was carried out in a new flask with a new stirring bar.¹⁰ ^d Isolated yields of pure product based on iodobenzene.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.
Additions and corrections can be viewed online by accessing the original article to which they apply.

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Contents list

Issue 4

2006

REVIEW ARTICLE

Marine natural products

John W. Blunt, Brent R. Copp, Murray H. G. Munro, Peter T. Northcote and Michèle R. Prinsep, *Nat. Prod. Rep.*, 2006, **23**, 26

Natural products from medicinal plants: non-alkaloidal natural constituents of the *Thalictrum* species

Elena A. Khamidullina, Alexandra S. Gromova, Vladislav I. Lutsky and Noel L. Owen, *Nat. Prod. Rep.*, 2006, **23**, 117

Steroids: partial synthesis in medicinal chemistry

James R. Hanson, *Nat. Prod. Rep.*, 2006, **23**, 100

Metabolites from *Eutypa* species that are pathogens on grapes

Daniel Jiménez-Teja, Rosario Hernández-Galán and Isidro González Collado, *Nat. Prod. Rep.*, 2006, **23**, 108

PERSPECTIVES

Pathophysiology of photoaging of human skin: focus on neutrophils

Feiko Rijken, Rebecca C. M. Kiekens, Edwin van den Worm, Peter L. Lee, Huib van Weelden and Piet L. B. Bruijnzeel, *Photochem. Photobiol. Sci.*, 2006, **5**, 184

Mast cells in photodamaged skin: what is their role in skin cancer?

Michele A. Grimbaldston, John J. Finlay-Jones and Prue H. Hart, *Photochem. Photobiol. Sci.*, 2006, **5**, 177

Endogenous UVA-photosensitizers: mediators of skin photodamage and novel targets for skin photoprotection

Georg T. Wondrak, Myron K. Jacobson and Elaine L. Jacobson, *Photochem. Photobiol. Sci.*, 2006, **5**, 215

About photo-damage of human hair

A. C. S. Nogueira, L. E. Dicelio and I. Joekes, *Photochem. Photobiol. Sci.*, 2006, **5**, 165

Pathways involved in sunburn cell formation: deregulation in skin cancer

Sofie Claerhout, An Van Laethem, Patrizia Agostinis and Marjan Garmyn, *Photochem. Photobiol. Sci.*, 2006, **5**, 199

Chemoprevention of photocarcinogenesis by selected dietary botanicals

Manjeshwar S. Baliga and Santosh K. Katiyar, *Photochem. Photobiol. Sci.*, 2006, **5**, 243

Lycopene-rich products and dietary photoprotection

Wilhelm Stahl, Ulrike Heinrich, Olivier Aust, Hagen Tronnier and Helmut Sies, *Photochem. Photobiol. Sci.*, 2006, **5**, 238

Photodamage to the cutaneous sensory nerves: role in photoaging and carcinogenesis of the skin?

Franz J. Legat and Peter Wolf, *Photochem. Photobiol. Sci.*, 2006, **5**, 170

Repair of mitochondrial DNA in aging and carcinogenesis

Mark Berneburg, York Kamenisch and Jean Krutmann, *Photochem. Photobiol. Sci.*, 2006, **5**, 190

Cellular aspects of photocarcinogenesis

Chikako Nishigori, *Photochem. Photobiol. Sci.*, 2006, **5**, 208

HIGHLIGHT

Cofactor biosynthesis: an organic chemist's treasure trove

Tadhg P. Begley, *Nat. Prod. Rep.*, 2006, **23**, 15

FORUM

Photoaging: the darker side of the sun

Evriliki Tsourelis-Nikita, Rachel E. B. Watson and Christopher E. M. Griffiths, *Photochem. Photobiol. Sci.*, 2006, **5**, 160

EDITORIAL

Photodamage of the skin

Photochem. Photobiol. Sci., 2006, **5**, 158

COMMUNICATIONS

Manipulated photocurrent generation from pigment-exchanged photosynthetic proteins adsorbed to nanostructured WO₃-TiO₂ electrodes

Yidong Lu, Jingjing Xu, Yuan Liu, Baohong Liu, Chunhe Xu, Dongyuan Zhao and Jilie Kong, *Chem. Commun.*, 2006, 785

Activity-based high-throughput profiling of metalloprotease inhibitors using small molecule microarrays

Jun Wang, Mahesh Uttamchandani, Li Ping Sun and Shao Q. Yao, *Chem. Commun.*, 2006, 717

Antibody-functionalized polydiacetylene coatings on nanoporous membranes for microorganism detection

Bradford A. Pindzola, Anh Tram Nguyen and Mary A. Reppy, *Chem. Commun.*, 2006, 906

Lectin recognition of a new SOD mimic bioconjugate studied with surface plasmon resonance imaging

Roberta D'Agata, Giulia Grasso, Giuseppe Iacono, Giuseppe Spoto and Graziella Vecchio, *Org. Biomol. Chem.*, 2006, **4**, 610

Long distance electron transfer in cytochrome *c* oxidase immobilised on electrodes. A surface enhanced resonance Raman spectroscopic study

Jana Hrabakova, Kenichi Ataka, Joachim Heberle, Peter Hildebrandt and Daniel H. Murgida, *Phys. Chem. Chem. Phys.*, 2006, **8**, 759

Synthesis, characterisation, reactivity and *in vitro* antiamoebic activity of hydrazone based oxovanadium(IV), oxovanadium(V) and μ -bis(oxo)bis{oxovanadium(V)} complexes

Mannar R. Maurya, Shalu Agarwal, Mohammad Abid, Amir Azam, Cerstin Bader, Martin Ebel and Dieter Rehder, *Dalton Trans.*, 2006, **7**, 937

New antitumour active platinum compounds containing carboxylate ligands in *trans* geometry: synthesis, crystal structure and biological activity

Steven van Zutphen, Elena Pantoja, Rosario Soriano, Carlos Soro, Duncan M. Tooke, Anthony L. Spek, Hans den Dulk, Jaap Brouwer and Jan Reedijk, *Dalton Trans.*, 2006, **8**, 1020

RNA binding and thiolytic stability of a quinoline-containing helix-threading peptide

Malathy Krishnamurthy, Barry D. Gooch and Peter A. Beal, *Org. Biomol. Chem.*, 2006, **4**, 639

Synthesis of bisubstrate analogues targeting α -1,3-fucosyltransferase and their activities

Masayuki Izumi, Syunsuke Kaneko, Hideya Yuasa and Hironobu Hashimoto, *Org. Biomol. Chem.*, 2006, **4**, 681

Unprecedented chemical structure and biomimetic synthesis of erucalexin, a phytoalexin from the wild crucifer *Erucastrum gallicum*

M. Soledade C. Pedras, Mojmir Suchy and Pearson W. K. Ahiahonu, *Org. Biomol. Chem.*, 2006, **4**, 691

Utilization of 3rd-carboxy-containing tyrosine derivatives as a new class of phosphotyrosyl mimetics in the preparation of novel non-phosphorylated cyclic peptide inhibitors of the Grb2-SH2 domain

Yan-Li Song, Jinzhi Tan, Xiao-Min Luo and Ya-Qiu Long, *Org. Biomol. Chem.*, 2006, **4**, 659

Incorporation of deuterium-labelled analogs of isopentenyl diphosphate for the elucidation of the stereochemistry of rubber biosynthesis

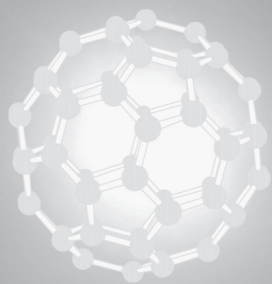
Andrew A. Scholte and John C. Vederas, *Org. Biomol. Chem.*, 2006, **4**, 730

Spontaneity in the patellamide biosynthetic pathway

Bruce F. Milne, Paul F. Long, Antonio Starcevic, Daslav Hranueli and Marcel Jaspars, *Org. Biomol. Chem.*, 2006, **4**, 631

Neonatal susceptibility to UV induced cutaneous malignant melanoma in a mouse model

Agnieszka Wolnicka-Glubisz and Frances P. Noonan, *Photochem. Photobiol. Sci.*, 2006, **5**, 254



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