

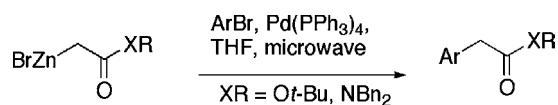
Contents

COMMUNICATIONS

Palladium-catalysed α -arylation of esters and amides under microwave conditions

pp 7395–7397

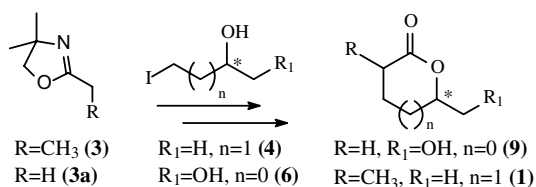
Emilie Bentz, Mark G. Moloney* and Susan M. Westaway



An easy and versatile approach to the synthesis of chiral pheromone lactones via 4,4-dimethyl-2-oxazoline derivatives

pp 7399–7400

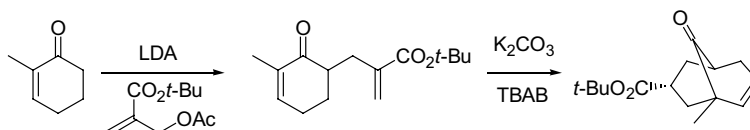
Paulo H. G. Zarbin, Alfredo R. M. Oliveira,* Fabio Simonelli, José A. F. P. Villar and Orlando Delay, Jr.



Construction of the bicyclo[3.3.1]nonenone core by successive Michael reactions of 2-cyclohexenone derivatives

pp 7401–7405

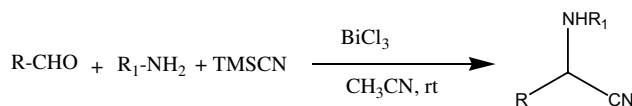
Ryukichi Takagi,* Takashi Nerio, Yukiko Miwa, Shuji Matsumura and Katsuo Ohkata*



Bismuth trichloride catalyzed synthesis of α -aminonitriles

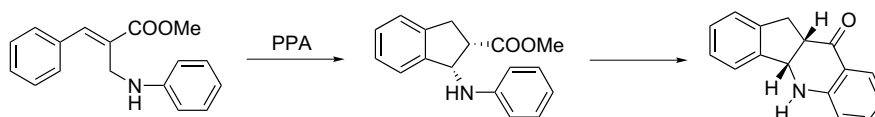
pp 7407–7408

Surya K. De* and Richard A. Gibbs

**Synthesis of 4b,5,10a,11-tetrahydroindeno[1,2-*b*]quinolin-10-ones from Baylis–Hillman adducts**

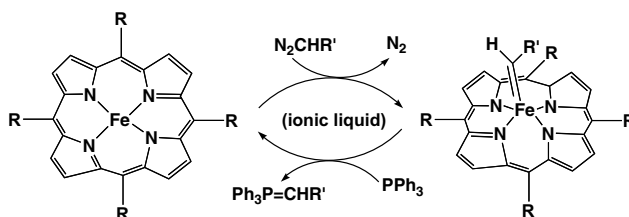
pp 7409–7413

Chang Gon Lee, Ka Young Lee, Saravanan GowriSankar and Jae Nyong Kim*

**Efficient aldehyde olefination reactions catalyzed by an iron porphyrin complex in an ionic liquid**

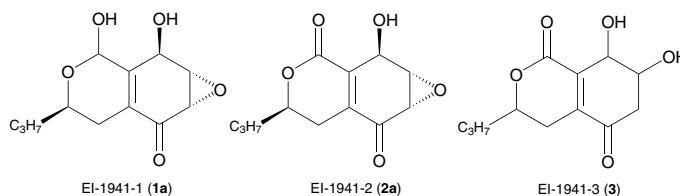
pp 7415–7418

Wei Sun and Fritz E. Kühn*

**Structure elucidation of EI-1941-1 and -2, novel interleukin-1 β converting enzyme inhibitors produced by *Farrowia* sp. E-1941**

pp 7419–7422

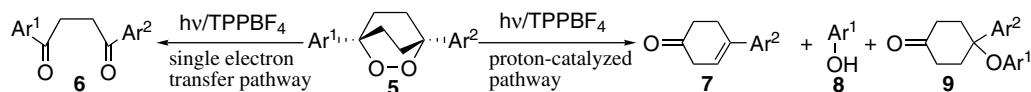
Fumito Koizumi,* Yuichi Takahashi, Hiroki Ishiguro, Rieko Tanaka, Shizuo Ohtaki, Mayumi Yoshida, Satoshi Nakanishi and Shun-ichi Ikeda



The structures of **1a**, **2a**, and **3** were elucidated by the analysis of NMR data, and the stereochemistries of **1a** and **2a** were confirmed by optical rotation data, or X-ray crystallographic analysis of *p*-bromobenzoyl derivative of **2a**, respectively.

Triphenylpyrylium salt-sensitized photoreactions of 1,4-diaryl-2,3-dioxabicyclo[2.2.2]octanes through competitive single electron-transfer pathway and proton-catalyzed pathway pp 7423–7428

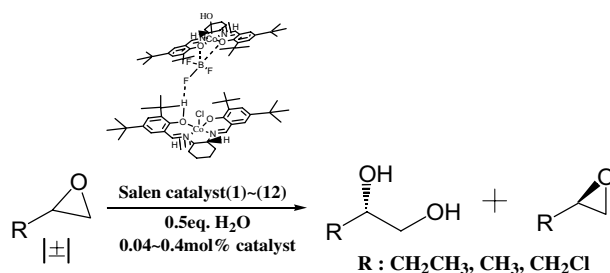
Masaki Kamata,* Jun-ichi Kaneko, Jun-ichi Hagiwara and Ryoichi Akaba



New chiral cobalt salen complexes containing Lewis acid BF₃; a highly reactive and enantioselective catalyst for the hydrolytic kinetic resolution of epoxides pp 7429–7433

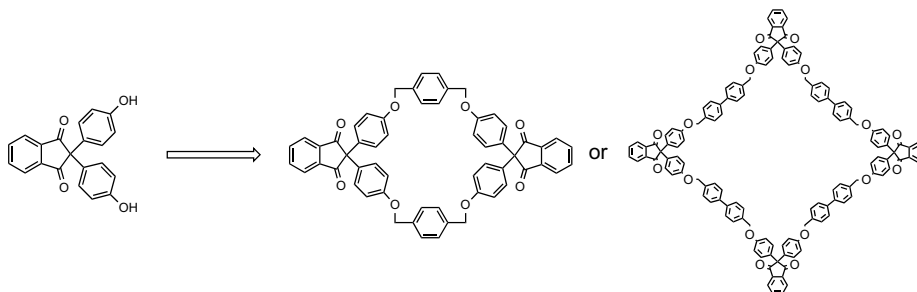
Chang-Kyo Shin, Seong-Jin Kim and Geon-Joong Kim*

A new type of chiral cobalt salen complexes bearing BF₃ Lewis acid proved to be enantioselective in the hydrolytic resolution of terminal epoxides.



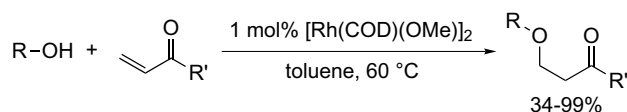
Design and synthesis of ninhydrin-based cyclophanes as potential neutral receptors for quaternary ammonium cations pp 7435–7440

Jeong Eun Na, Shim Sung Lee and Jae Nyoun Kim*



Rhodium-catalyzed addition of alcohols to terminal enones pp 7441–7443

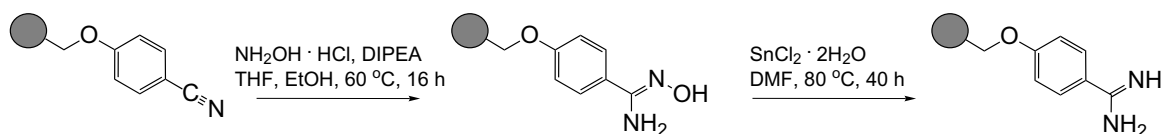
Marc V. Farnworth, Michael J. Cross and Janis Louie*



Solid-phase synthesis of amidines by the reduction of amidoximes

pp 7445–7449

Jožko Cesar,* Kristina Nadrah and Marija Sollner Dolenc

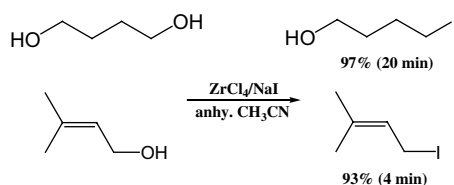


Amidines can be prepared on a solid support by reducing polymer-bound amidoximes with $\text{SnCl}_2 \cdot 2\text{H}_2\text{O}$. Amidoximes attached to the solid support are readily available by treating resin-bound nitriles with hydroxylamine.

A simple, efficient, and highly selective method for the iodination of alcohols using ZrCl_4/NaI

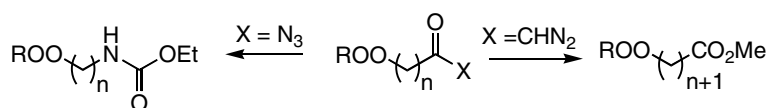
pp 7451–7454

Habib Firouzabadi,* Nasser Iranpoor* and Maasoumeh Jafarpour

**Curtius rearrangement and Wolff homologation of functionalized peroxides**

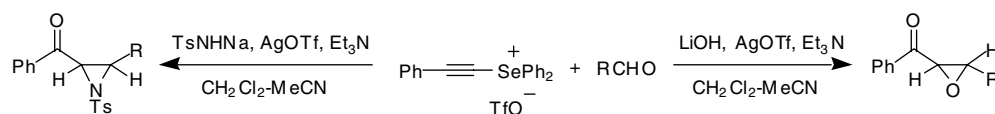
pp 7455–7457

Patrick H. Dussault* and Chunping Xu

**Michael-type addition of hydroxide to alkynylselenonium salt: practical use as a ketoselenonium ylide precursor**

pp 7459–7463

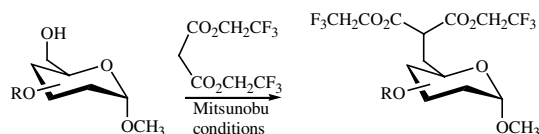
Shin-ichi Watanabe,* Shinsuke Asaka and Tadashi Kataoka*



Chain elongation of primary alcohols of carbohydrates

pp 7465–7467

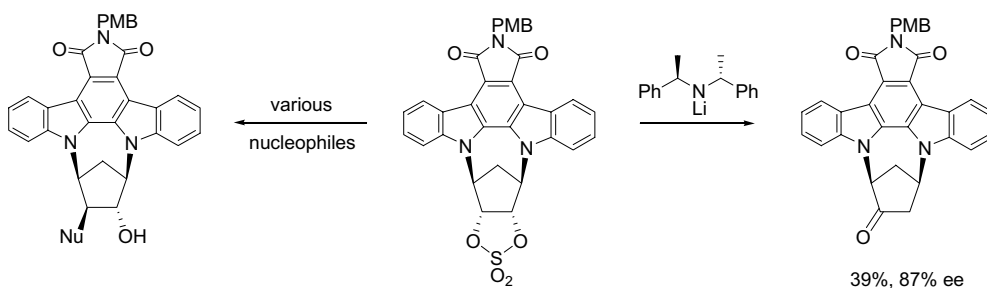
Caroline Clavel, Véronique Barragan-Montero* and Jean-Louis Montero



Synthesis of bioactive indolocarbazoles: synthesis, nucleophilic ring-opening and chiral base desymmetrisation of a cyclic sulfate intermediate

pp 7469–7473

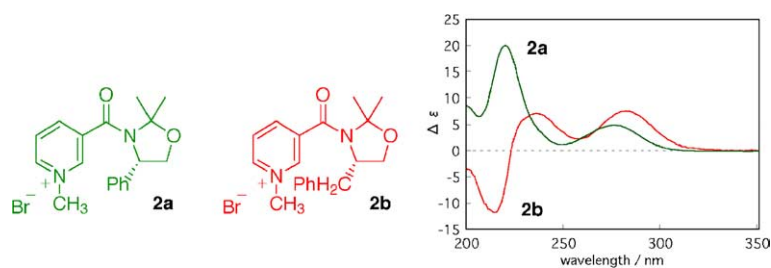
Christopher J. Nichols and Nigel S. Simpkins*



Elucidation of the formation of cation– π complexes and their conformational behavior in solution by CD spectroscopy

pp 7475–7478

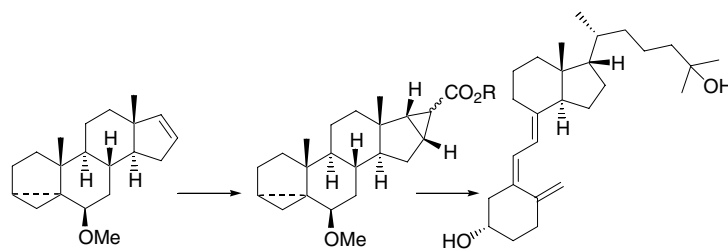
Shinji Yamada,* Chisako Morita and Jun Yamamoto



A synthesis of 17-*epi*-calcidiol

pp 7479–7482

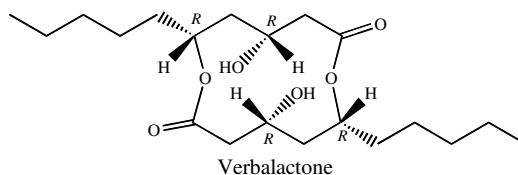
Alicja Kurek-Tyrlik, Karol Michalak, Zofia Urbanczyk-Lipkowska and Jerzy Wicha*



A stereoselective synthesis of verbalactone—determination of absolute stereochemistry

pp 7483–7485

G. V. M. Sharma* and Ch. Govardhan Reddy

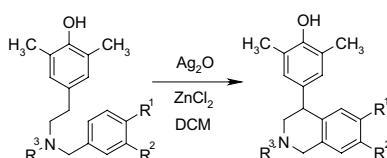


A total synthesis of verbalactone has been achieved starting from L-malic acid.

Quinone methide initiated cyclization reaction: synthesis of 4-aryl-1,2,3,4-tetrahydroisoquinolines

pp 7487–7489

B. China Raju,* Parvathi Neelakantan and U. T. Bhalerao*



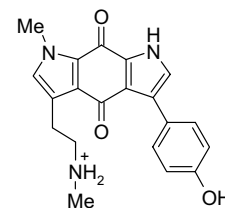
4-Aryl-1,2,3,4-tetrahydroisoquinolines were synthesized in very good yields by in situ generation of *p*-quinone methides resulting in a novel C–C bond cyclization.

Zyzzyanone A, a novel pyrrolo[3,2-*f*]indole alkaloid from the Australian marine sponge *Zyzzya fuliginosa*

pp 7491–7494

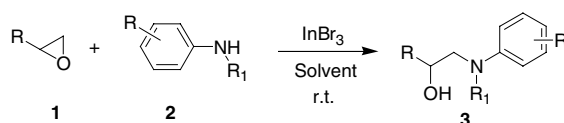
Natalia K. Utkina,* Aleksandra E. Makarchenko,
Vladimir A. Denisenko and Pavel S. Dmitrenok

A new dipyrroloquinone, zyzzyanone A, having a pyrrolo[3,2-*f*]indole-4,8(1*H*,7*H*)-dione skeleton, was isolated from the marine sponge *Zyzzya fuliginosa*. The structure of zyzzyanone A was determined by spectroscopic data. Zyzzyanone A shows moderate cytotoxicity against mouse Ehrlich carcinoma cells (IC₅₀ 25μg/mL), inhibits the cell division of fertilized sea urchin eggs (IC₅₀ 25μg/mL), and exhibits UV-A and UV-B absorbing activity.

**Opening of epoxides with aromatic amines promoted by indium tribromide: a mild and efficient method for the synthesis of β-amino alcohols**

pp 7495–7498

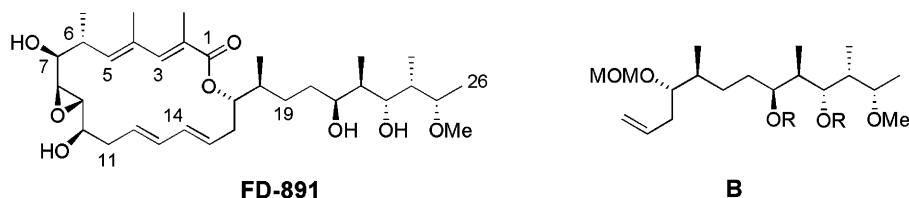
Juan Ramón Rodríguez and Antonio Navarro*



Stereoselective synthesis of the C₁₄–C₂₆ fragment of the cytotoxic macrolide FD-891

pp 7499–7501

Juan Murga,* Jorge García-Fortanet, Miguel Carda and J. Alberto Marco*

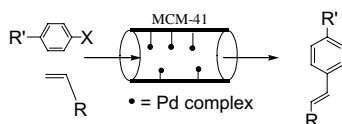


A stereoselective synthesis of compound **B**, which contains the C₁₄–C₂₆ fragment and seven stereocenters of the naturally occurring, cytotoxic macrolide FD-891, is described. Asymmetric Evans aldol reactions and aldehyde Brown allylations are key steps of the synthesis.

Palladium bipyridyl complex anchored on nanosized MCM-41 as a highly efficient and recyclable catalyst for Heck reaction

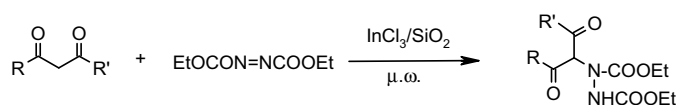
pp 7503–7506

Fu-Yu Tsai, Chen-Lin Wu, Chung-Yuan Mou,* Man-Chien Chao, Hong-Ping Lin and Shiuh-Tzung Liu*

**InCl₃/SiO₂-catalyzed α-amination of 1,3-dicarbonyl compounds under microwave irradiation**

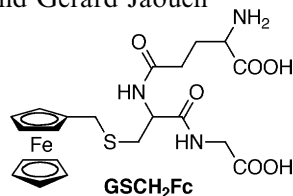
pp 7507–7509

J. S. Yadav,* B. V. Subba Reddy, Ch. Venugopal and B. Padmavani

**Site-selective and covalent labelling of the cysteine-containing peptide glutathione with a ferrocenyl group**

pp 7511–7513

Boguslaw Misterkiewicz, Michèle Salmain* and Gérard Jaouen

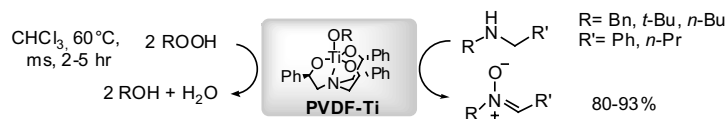


Site-specific labelling of the cysteine-containing peptide glutathione with a ferrocene group was achieved by reaction with ferrocenylmethanol in aqueous acidic medium. The resulting peptide was shown to be a potent competitive inhibitor of the biologically important enzyme glutathione-(S)-transferase. This approach may prove general for the labelling of proteins with ferrocene.

Ti(IV)-based catalytic membranes for efficient and selective oxidation of secondary amines

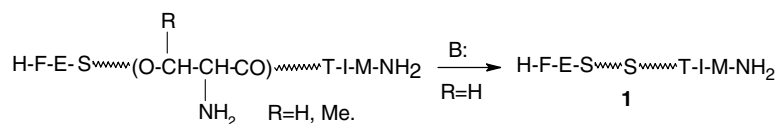
pp 7515–7518

Maria Giovanna Buonomenna, Enrico Drioli, William A. Nugent, Leonard J. Prins, Paolo Scrimin and Giulia Licini*

**Synthesis of ‘difficult’ peptide sequences: application of a depsipeptide technique to the Jung–Redemann 10- and 26-mers and the amyloid peptide A β (1–42)**

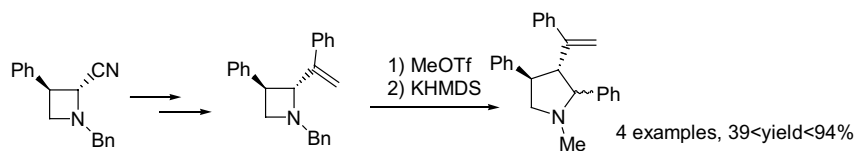
pp 7519–7523

Louis A. Carpino,* Eberhard Krause,* Calin Dan Sferdean, Michael Schümann, Heinz Fabian, Michael Bienert and Michael Beyermann

**Synthesis and reactivity of enantiomerically pure N-alkyl-2-alkenyl azetidinium salts**

pp 7525–7528

François Couty,* François Durrat, Gwilherm Evano and Damien Prim



OTHER CONTENTS**Corrigendum**

p 7529

Contributors to this issue

p I

Instructions to contributors

pp III–VI

*Corresponding author

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**CONTENTS
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