

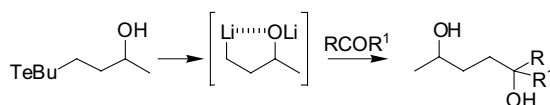
Contents

COMMUNICATIONS

γ -Butyltelluro-2-butanol: a route to reactive 1,4-dianion intermediates

pp 4423–4425

Jefferson L. Princival, Simone M. G. de Barros, João V. Comasseto and Alcindo A. Dos Santos*

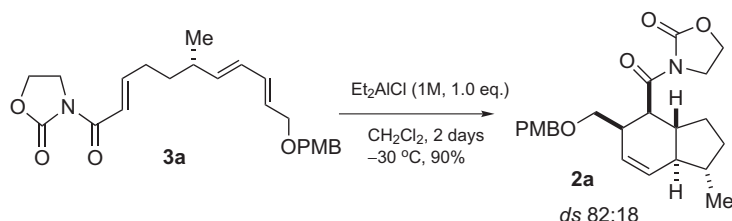


γ -Butyltelluro-2-butanol reacts with 2 equiv of *n*-butyllithium to give 1,4-lithium dianion that acts as a C-nucleophile in reaction with aldehydes and ketones to produce diols in good yields.

A short approach to the bicyclo[4.3.0]nonane fragment of stawamycin

pp 4427–4431

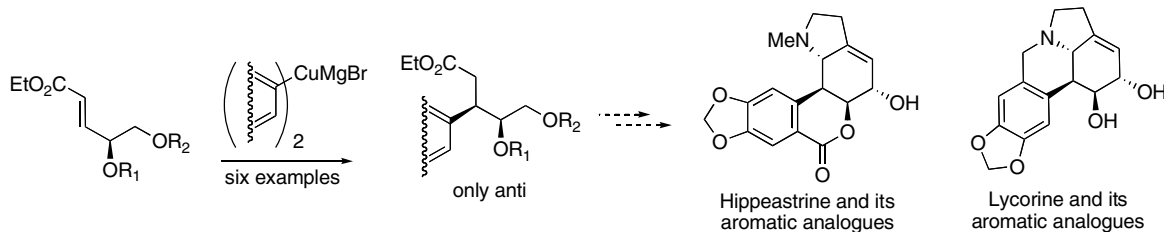
Luiz C. Dias,* Gliseida Z. Melgar and Luciana S. A. Jardim



Highly *anti*-selective conjugate addition of arylcuprates to a γ -alkoxy- α,β -enoate. A new method to address stereochemical challenges presented by Amaryllidaceae alkaloids

pp 4433–4437

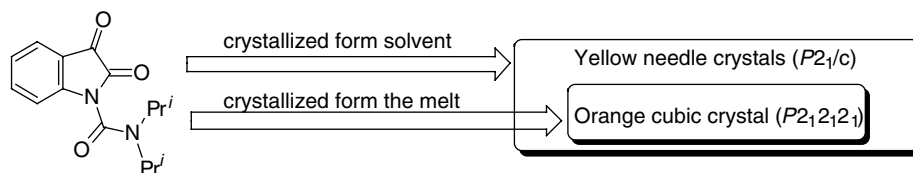
Madhuri Manpadi and Alexander Kornienko*



Control of polymorphism by crystallization of *N,N*-diisopropylcarbamoylisatin

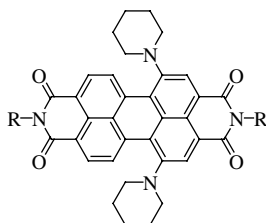
pp 4439–4442

Masami Sakamoto,* Shuichiro Kobaru, Yoshio Kasashima, Takashi Mino and Tsutomu Fujita

**1,6-Disubstituted perylene bisimides: concise synthesis and characterization as near-infrared fluorescent dyes**

pp 4443–4447

Liqiang Fan, Yanping Xu and He Tian*

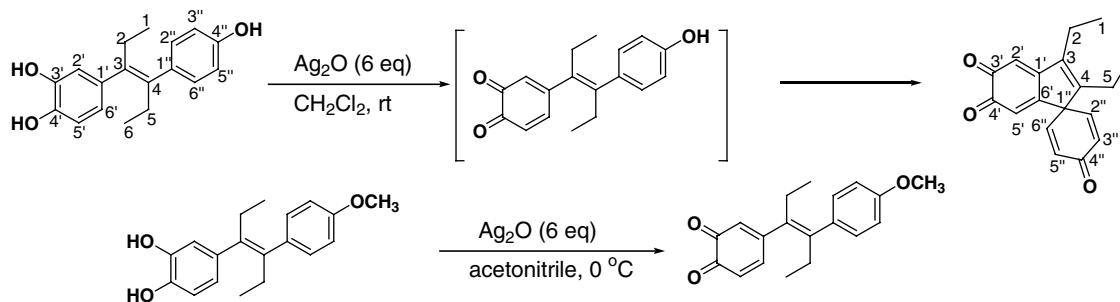


Regioisomerically pure 1,6-disubstituted perylene bisimides were firstly synthesized concisely, which can be used as near-infrared absorbing dyes.

**Novel *spiro*-quinone formation from 3'-hydroxydiethylstilbestrol after oxidation with silver oxide**

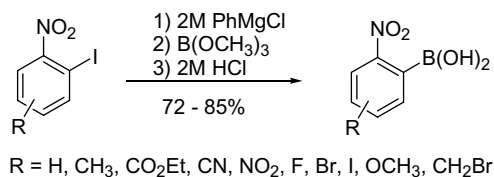
pp 4449–4451

Muhammad Saeed, Eleanor Rogan and Ercole Cavalieri*

**A facile and convenient synthesis of functionalized *ortho*-nitrophenylboronic acids**

pp 4453–4455

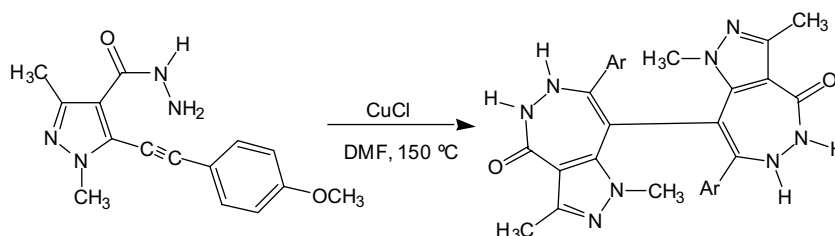
Scott E. Collibee* and Jiaxin Yu*



Unexpected results in the heterocyclization of 5-acetylenylpyrazole-4-carboxylic acid hydrazides under the influence of CuCl: formation of a diazepinone and dehydrodimerization into the corresponding bis(pyrazolo[4,3-*d*][1,2]diazepinone)

pp 4457–4459

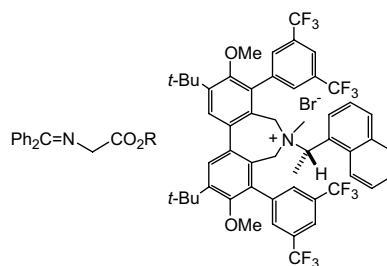
Sergei F. Vasilevsky,* Elena V. Mshvidobadze, Victor I. Mamatyuk, Galina V. Romanenko and Jose Elguero*



Asymmetric Michael addition of glycine imines via quaternary ammonium ion catalysis

pp 4461–4464

Barry Lygo,* Bryan Allbutt and Eirene H. M. Kirton

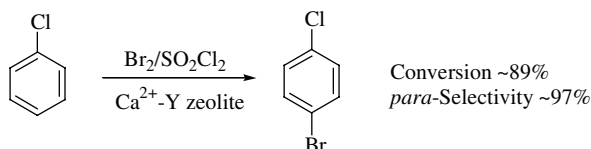


Studies of the asymmetric conjugate addition of glycine imines using the chiral quaternary ammonium salt shown are described.

Regioselective bromination of aromatic compounds with Br₂/SO₂Cl₂ over microporous catalysts

pp 4465–4468

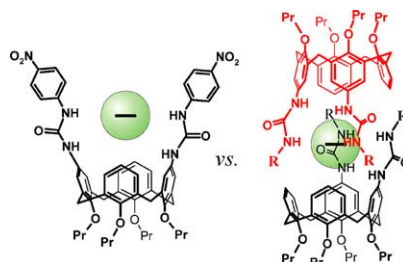
Jallal M. Gnaim* and Roger A. Sheldon



Unusual stoichiometry of urea-derivatized calix[4]arenes induced by anion complexation

pp 4469–4472

Kamil Lang,* Petra Cuřínová, Miroslav Dudič, Petra Prošková, Ivan Stibor, Václav Št'astný and Pavel Lhoták*

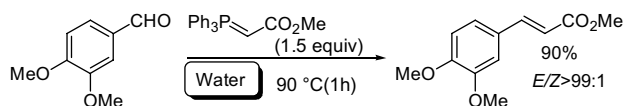


The stoichiometry of calixarene–anion complexes depends on the substitution pattern of the calix[4]arene (distal vs proximal) resulting in the formation of 1:1, 1:2 or 2:1 complexes.

Water is an efficient medium for Wittig reactions employing stabilized ylides and aldehydes

pp 4473–4477

Jesse Dambacher, Wen Zhao, Amer El-Batta, Robert Anness, Changchun Jiang and Mikael Bergdahl*



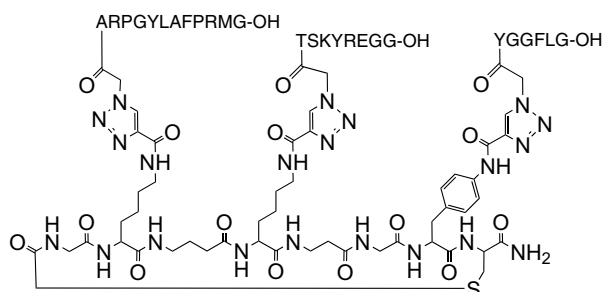
Water is demonstrated to be an excellent medium for the Wittig reaction employing stabilized ylides and aldehydes. Thirty seven examples of aqueous Wittig reactions conducted in water is presented with chemical yields up to 98% and E/Z ratios up to $>99:1$.

**Peptide ligation through click chemistry for the generation of assembled and scaffolded peptides**

pp 4479–4482

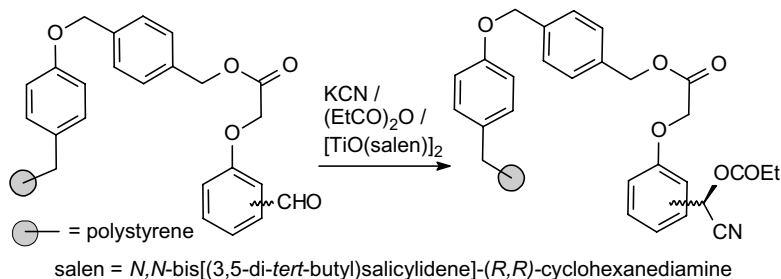
Raimo Franke, Christian Doll and Jutta Eichler*

Scaffolded peptide generated through site-selective ligation of three azidoacetylated peptides to different sites of a scaffold molecule via copper(I)-catalyzed Huisgen 1,3-dipolar cycloaddition.

**Asymmetric synthesis of polymer-supported cyanohydrin acetates**

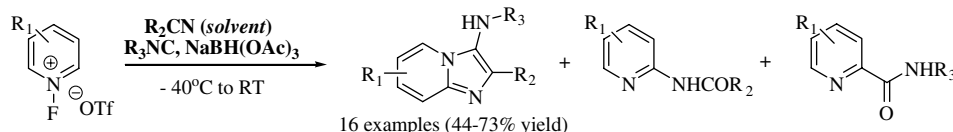
pp 4483–4486

Yuri N. Belokon', Paola Carta and Michael North*

**A novel three-component reaction of *N*-fluoropyridinium salts: a facile approach to imidazo[1,2-*a*]pyridines**

pp 4487–4490

Alexander S. Kiselyov

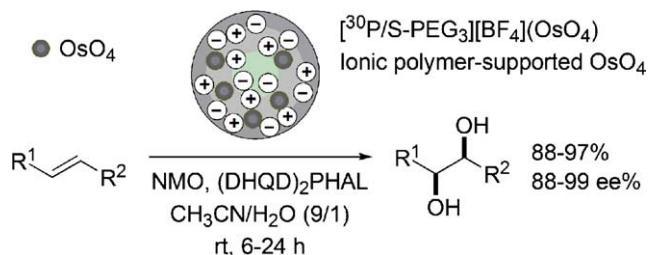


Asymmetric dihydroxylation catalyzed by ionic polymer-supported osmium tetroxide

pp 4491–4493

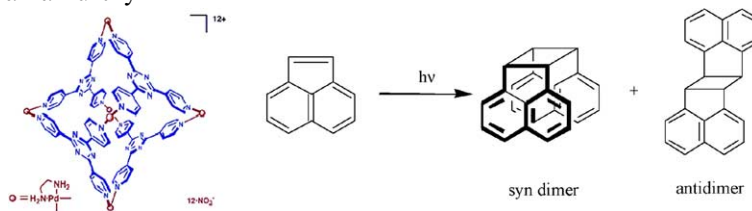
Byoung Se Lee, Suresh Mahajan and Kim D. Janda*

Osmium tetroxide was immobilized onto a short-length PEGylated ionic polymer, which exhibited excellent catalytic performance in OsO_4 -catalyzed asymmetric dihydroxylation.

**Self-assembled coordination cage as a reaction vessel: triplet sensitized [2+2] photodimerization of acenaphthylene, and [4+4] photodimerization of 9-anthraldehyde**

pp 4495–4498

S. Karthikeyan and V. Ramamurthy*



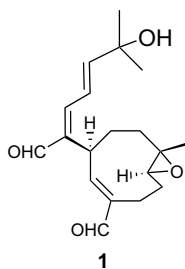
Methanol/Eosin Y: Syn/Anti-0.50
Pd-nanocage/Eosin Y: only Syn dimer

Inner cavity of Pd-nanocage has been used as a reaction vessel for performing triplet sensitized [2+2] photodimerization of acenaphthylene and [4+4] photodimerization of 9-anthraldehyde.

Xenibellal, a novel norditerpenoid from the Formosan soft coral *Xenia umbellata*

pp 4499–4500

Ali A. H. El-Gamal, Shang-Kwei Wang and Chang-Yih Duh*

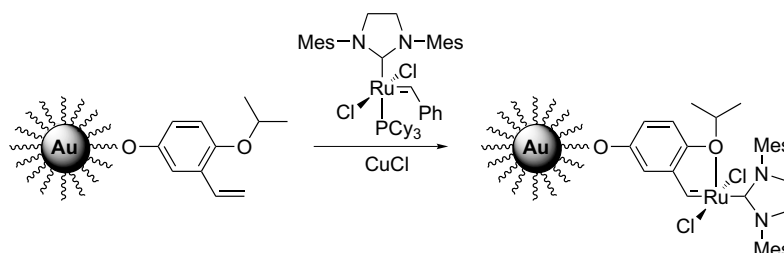


Xenibellal (1), isolated from the soft coral *Xenia umbellata*, is an unprecedented norditerpenoid. The structure of xenibellal (1) was established by extensive analysis of spectroscopic data.

Monolayer protected Au cluster (MPC)-bound Ru–carbene complex: synthesis and its catalytic activity in ring-closing olefin metathesis

pp 4501–4503

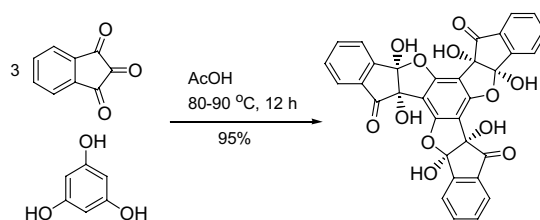
Bang Sook Lee, Sung Keon Namgoong and Sang-gi Lee*



Serendipitous one-pot synthesis of brand-new, bowl-shaped molecular architecture from phloroglucinol and ninhydrin

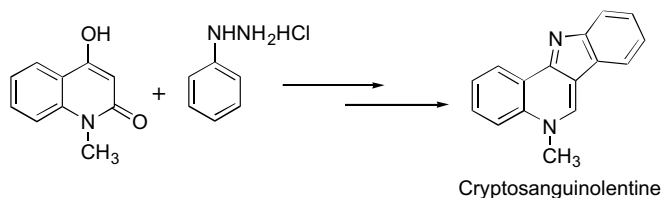
pp 4505–4508

Jeong Eun Na, Ka Young Lee, Joobeom Seo and Jae Nyoung Kim*


Fischer indole synthesis of the indoloquinoline alkaloid: cryptosanguinolentine

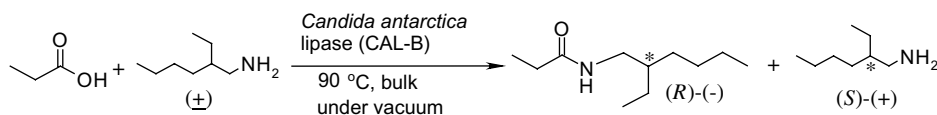
pp 4509–4510

T. Dhanabal, R. Sangeetha and P. S. Mohan*


Solvent-free biocatalytic amidation of carboxylic acids

pp 4511–4514

Ashok K. Prasad,* Mofazzal Husain, Brajendra K. Singh, Rajinder K. Gupta, Vijay K. Manchanda, Carl E. Olsen and Virinder S. Parmar*



Lipase-catalyzed enantioselective amidation was performed by reacting the *racemic* amine with aliphatic acids in nonsolvent system. The reaction equilibrium was shifted towards amide synthesis by the removal of water under reduced pressure. This methodology avoids the use of activating agents and hazardous solvents.

OTHER CONTENTS**Corrigendum****p 4515****Contributors to this issue****p I****Instructions to contributors****pp III–VI**

*Corresponding author

ⓓ⁺ Supplementary data available via ScienceDirect

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