

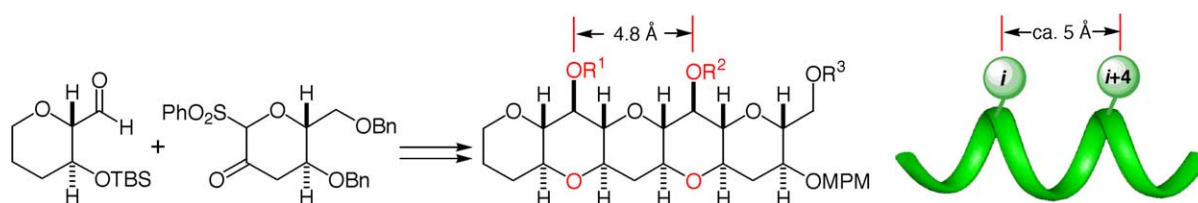
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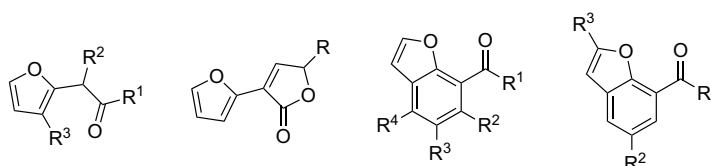
Hiroki Oguri,* Akifumi Oomura, Shintaro Tanabe and Masahiro Hirama*



Efficient synthesis of functionalized furans and benzofurans based on a '[3+2] cyclization/oxidation' strategy

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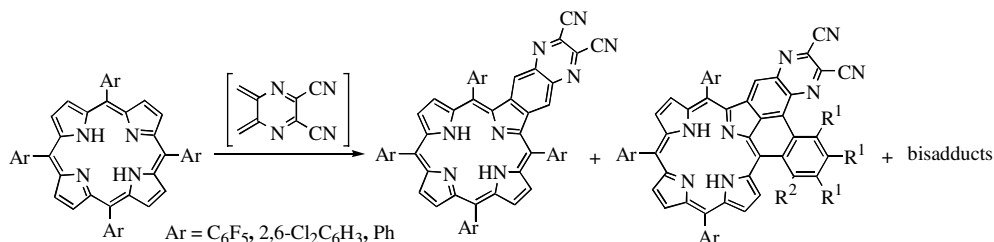
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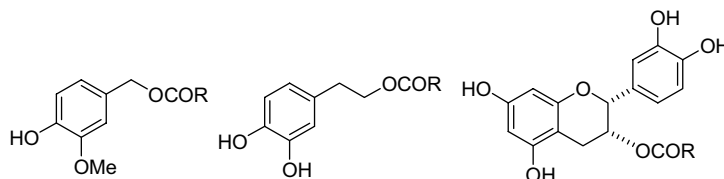
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Cerium(III) chloride-promoted chemoselective esterification of phenolic alcohols

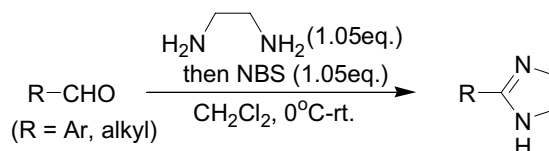
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Elisabetta Torregiani,* Gianfranco Seu, Alberto Minassi and Giovanni Appendino*

**A mild and efficient one-pot synthesis of 2-dihydroimidazoles from aldehydes**

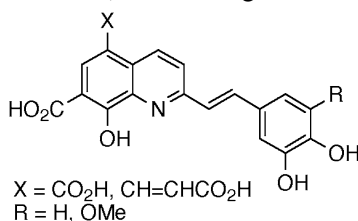
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Hiromichi Fujioka,* Kenichi Murai, Yusuke Ohba, Atsushi Hiramatsu and Yasuyuki Kita*

**HIV-1 replication inhibitors of the styrylquinoline class: introduction of an additional carboxyl group at the C-5 position of the quinoline**

pp 2201–2205

Fatima Zouhiri, Michèle Danet, Christophe Bénard, Marie Normand-Bayle, Jean-François Mouscadet, Hervé Leh, Claire Marie Thomas, Gladys Mbemba, Jean d'Angelo and Didier Desmaële*

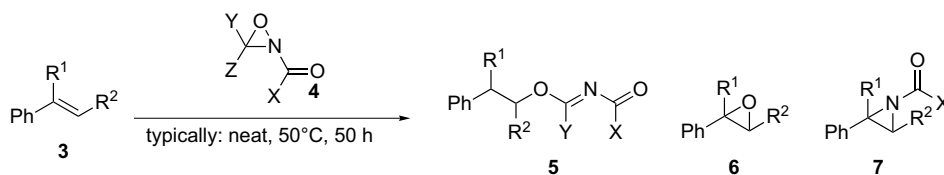


New HIV-1 replication inhibitors of the styrylquinoline class bearing an additional acid group at C-5 exhibit reinforced anti-integrase potency.

Heteroatom transfer to alkenes by *N*-protected-oxaziridines: new reaction pathways and products

pp 2207–2210

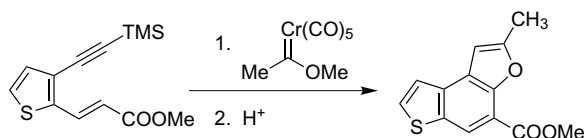
Alan Armstrong,* Ian D. Edmonds and Martin E. Swarbrick



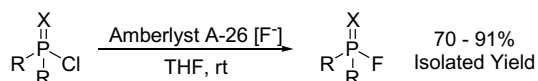
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Yanshi Zhang, Daniel Candelaria and James W. Herndon*

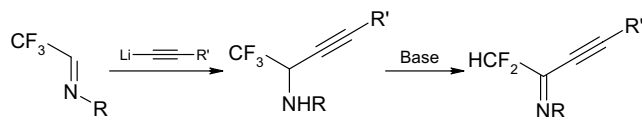
**Rapid and efficient solid-supported reagent synthesis of fluorine derivatives of phosphorus(V) compounds** pp 2215–2217

Timothy Sierakowski and James J. Kiddle*

**Direct access to CF₃-propargyl amines and conversion to difluoromethyl imines**

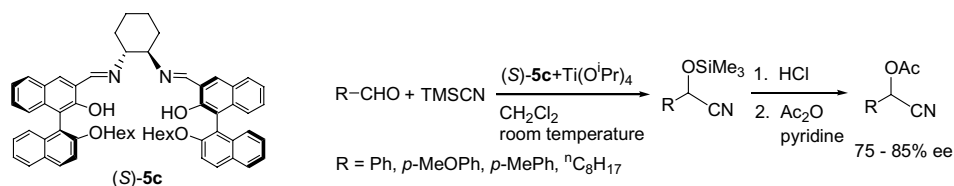
pp 2219–2221

Guillaume Magueur, Benoit Crousse* and Danièle Bonnet-Delpon

**An efficient catalytic asymmetric addition of trimethylsilyl cyanide to aldehydes at room temperature**

pp 2223–2226

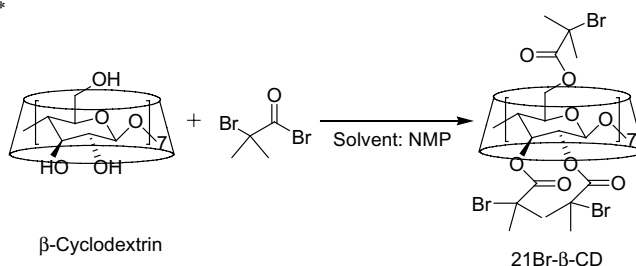
Zi-Bo Li, Amaresh R. Rajaram, Nattawan Decharin, Ying-Chuan Qin and Lin Pu*



An efficient synthetic-route to prepare [2,3,6-tri-*O*-(2-bromo-2-methylpropionyl)]- β -cyclodextrin

pp 2227–2229

Jianshu Li and Huining Xiao*

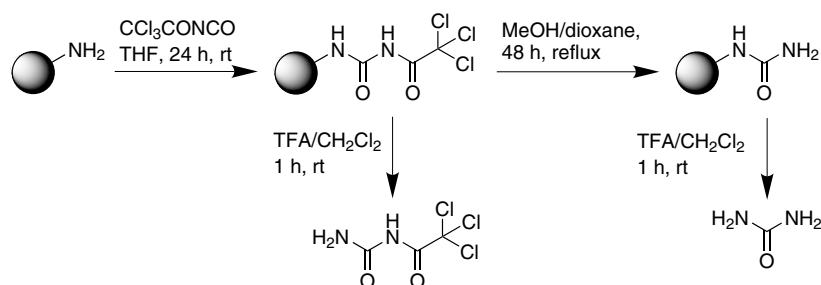


[2,3,6-Tri-*O*-(2-bromo-2-methylpropionyl)]- β -cyclodextrin (21Br-β-CD) was synthesized via reacting 2-bromoisobutyric bromide with β -cyclodextrin directly in 1-methyl-2-pyrrolidone solvent. This efficient synthetic-route led to much less complicated procedures and higher yield (up to 89.5%) compared with those reported previously (17% yield).

Preparation of a novel polystyrene-based urea resin

pp 2231–2233

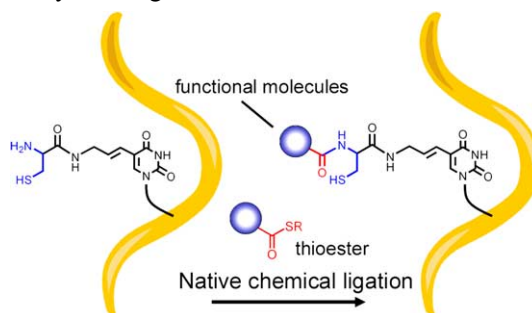
Manuela Meusel and Michael Gütschow*



A cysteine-appended deoxyuridine for the postsynthetic DNA modification using native chemical ligation

pp 2235–2238

Shuji Takeda, Shinya Tsukiji and Teruyuki Nagamune*

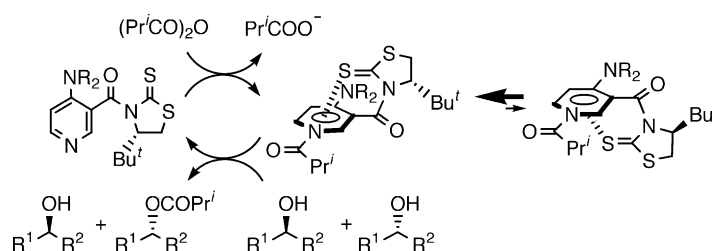


A postsynthetic DNA modification method based on native chemical ligation was reported.

Kinetic resolution of *sec*-alcohols by a new class of pyridine catalysts having a conformation switch system

pp 2239–2242

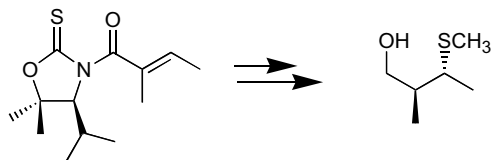
Shinji Yamada,* Tomoko Misono and Yuko Iwai



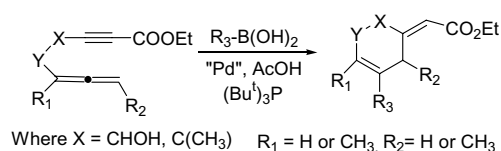
Asymmetric synthesis of 3-methylthio alcohols by intramolecular Michael addition reactions

pp 2243–2246

Aurelio Ortiz,* Hector Hernández, Guadalupe Mendoza, Leticia Quintero and Sylvain Bernès*

**Unprecedented carbocyclization of 1,6-allenynes on addition of organoboronic acids under Pd-catalysis** pp 2247–2250

Arun Kumar Gupta, Chul Yun Rhim and Chang Ho Oh*

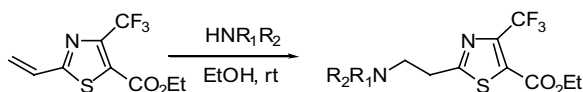


In contrast to the ene behavior of allenes in Pauson–Khand reactions and other cyclization reactions, 1,6-allenynes undergo carbocyclization followed by regioselective addition of organoboronic acids in the presence of Pd(OAc)₂ and tri-*t*-butylphosphine under mild reaction conditions.

**Synthesis of 2-aminoethyl-5-carbomethoxythiazoles utilizing a Michael-like addition strategy**

pp 2251–2252

Kenneth M. Boy* and Jason M. Guernon

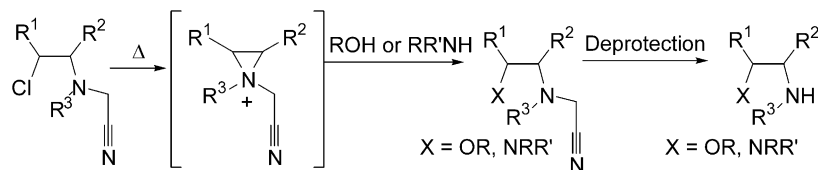


Ethyl 4-(trifluoromethyl)-2-vinylthiazole-5-carboxylate was utilized as a precursor to ethyl 4-(trifluoromethyl)-2-(aminoethyl)thiazole-5-carboxylate analogs via Michael-like addition of various secondary amines. Reactions employed 1.2 equiv of amine, and the products were isolated by solvent removal and acid/base extraction. Use of primary amines was also investigated.

**N-Cyanomethyl-β-chloroamines: a convenient source of aziridinium ions**

pp 2253–2257

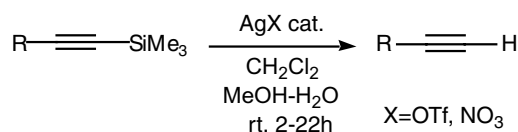
François Couty,* Gwilherm Evano and Damien Prim



A chemoselective deprotection of trimethylsilyl alkynes catalyzed by silver salts

pp 2259–2262

Alban Orsini, Aurélien Vitérissi, Anne Bodlenner, Jean-Marc Weibel and Patrick Pale*

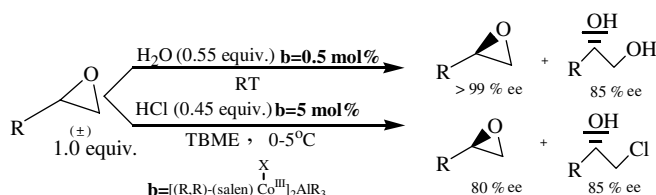


1-Trimethylsilyl-1-alkynes are selectively deprotected in the presence of catalytic amount of silver nitrate or triflate. Other protecting groups, especially silyl ethers, are unaffected.

Highly reactive and enantioselective kinetic resolution of terminal epoxides with H₂O and HCl catalyzed by new chiral (salen)Co complex linked with Al

pp 2263–2266

Santosh Singh Thakur, Wenji Li, Seong-Jin Kim and Geon-Joong Kim*

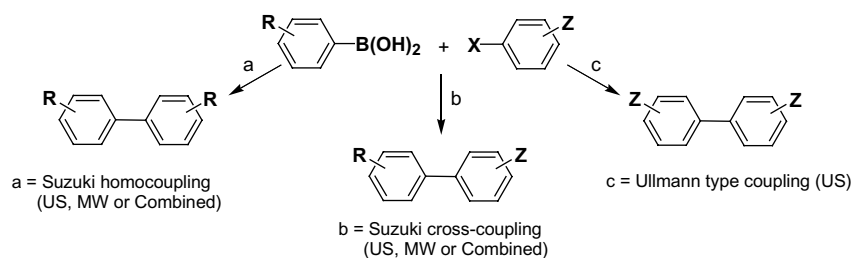


New easily synthesized chiral cobalt salen coordinated to Al provides a practical and straightforward method for the synthesis of enantiomerically enriched terminal epoxides.

**High-intensity ultrasound and microwave, alone or combined, promote Pd/C-catalyzed aryl–aryl couplings**

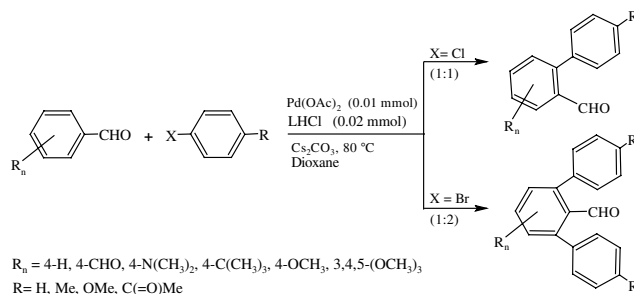
pp 2267–2271

Giancarlo Cravotto,* Marina Beggiato, Andrea Penoni, Giovanni Palmisano,* Stefano Tollari, Jean-Marc Lévêque and Werner Bonrath

**Selective palladium-catalyzed arylation(s) of benzaldehyde derivatives by N-heterocarbene ligands**

pp 2273–2277

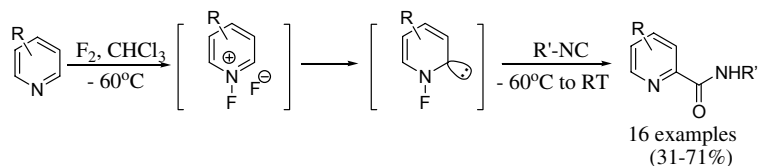
Nevin Gürbüz, Ismail Özdemir and Bekir Çetinkaya*



Reaction of *N*-fluoropyridinium fluoride with isonitriles: a convenient route to picolinamides

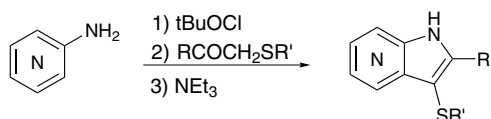
pp 2279–2282

Alexander S. Kiselyov

**A convenient one-pot synthesis of 4-, 6-, and 7-azaindoles from aminopyridines**

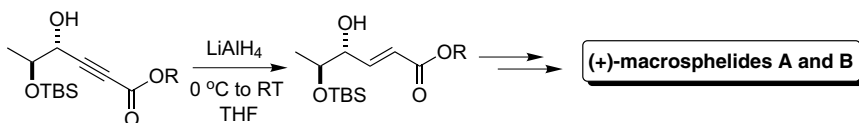
pp 2283–2285

Sheryl D. Debenham,* Audrey Chan, Kun Liu, Karen Price and Harold B. Wood

**A simple procedure for the synthesis of γ -hydroxy- α,β -(*E*)-alkenoic esters: formal synthesis of (+)-macrospinelides A and B**

pp 2287–2290

K. Srinivasa Rao, K. Mukkanti, D. Srinivasa Reddy, Manojit Pal and Javed Iqbal*

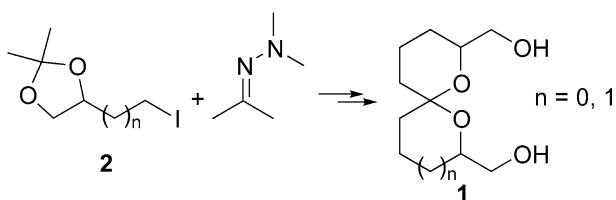


The synthesis of γ -hydroxy- α,β -alkenoic esters using LiAlH_4 is reported and then applied to the formal synthesis of (+)-macrospinelides A and B.

**A short and versatile route to chiral spiroketal skeletons**

pp 2291–2294

Ahmatjan Tursun, Isabelle Canet,* Bettina Aboab and Marie-Eve Sinibaldi*

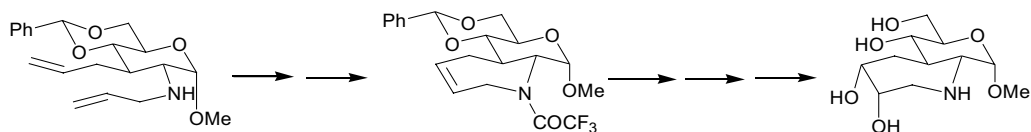


Spiroketal **1** were efficiently prepared from iodides **2** and acetone *N,N*-dimethylhydrazone using an acidic one-pot deprotection/spirocyclization sequence.

A ring-closing metathesis route to 7-membered aza-heteroannulated sugars

pp 2295–2298

Dominic M. Laventine, Paul R. Jenkins* and Paul M. Cullis

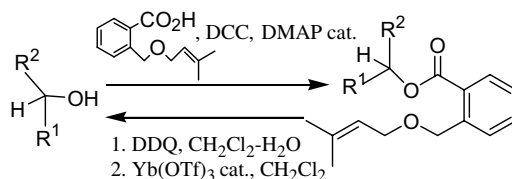


Azepane rings have been constructed diastereoselectively upon a carbohydrate derivative utilising reductive amination and RCM. The stereochemistry of the ring junctions was confirmed by X-ray crystallography and NMR. Diastereoselective dihydroxylation gave a tetrahydroxylated azepane carbohydrate derivative.

2-(Prenyloxymethyl)benzoyl (POMB) as a new temporary protecting group for alcohols

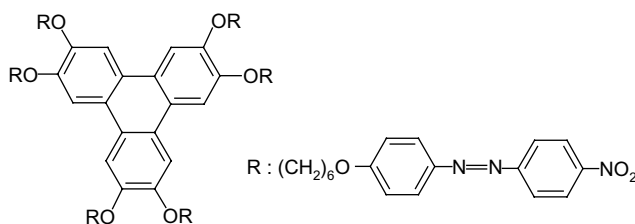
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Jean-Michel Vattel

**Synthesis and liquid crystalline properties of a disc-shaped molecule with azobenzene at the periphery**

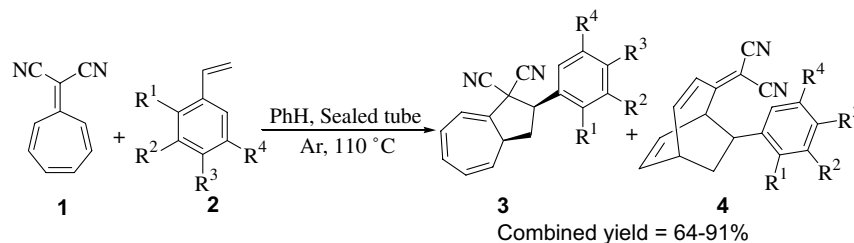
pp 2303–2306

Md Lutfor Rahman,* Carsten Tschierske, Mashitah Yusoff, and Sidik Silong

**Cycloadditions of 8,8-dicyanoheptafulvene to styrenes: manifestation of dual reactivity modes**

pp 2307–2309

Vijay Nair,* K. G. Abhilash and Burkhard Zeimer

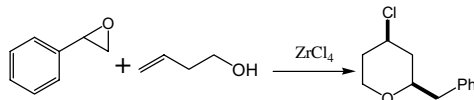


A facile cycloaddition reaction of 8,8-dicyanoheptafulvene with styrenes leading to the corresponding [8+2] and [4+2] adducts in excellent yields is described.

ZrCl₄ mediated cross-cyclization between epoxides and homoallylic alcohols: synthesis of 4-chlorotetrahydropyran derivatives

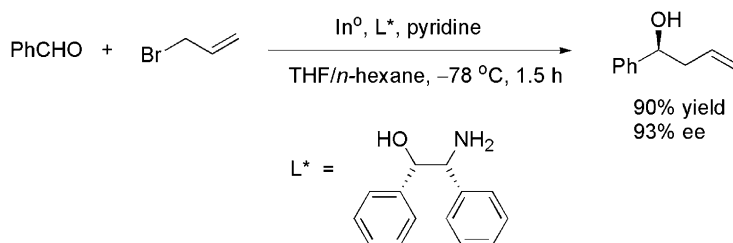
pp 2311–2314

J. S. Yadav, K. Rajasekhar and M. S. R. Murty*

**Indium-mediated Barbier-type allylation of aldehydes as a convenient method for the highly enantioselective synthesis of homoallylic alcohols**

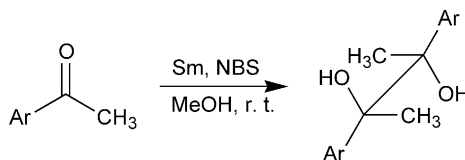
pp 2315–2318

Lacie C. Hirayama, Soya Gamsey, Daniel Kneuppel, Derek Steiner, Kelly DeLaTorre and Bakthan Singaram*

**Samarium/*N*-bromosuccinimide-induced reductive dimerization of carbonyl compounds**

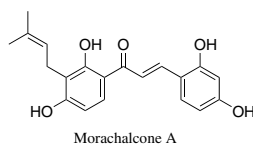
pp 2319–2322

Bimal K. Banik,* Indrani Banik, Susanta Samajdar and Rogelio Cuellar

**A short synthesis of morachalcone A**

pp 2323–2326

Joseph J. Romano and Eduard Casillas*



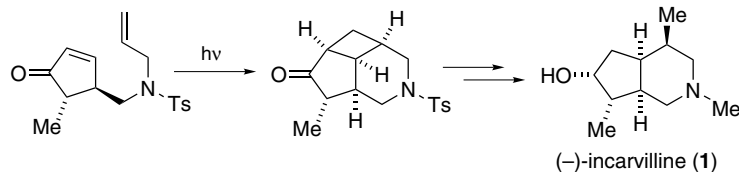
Advanced C-prenylated intermediates for three aromatase inhibitors, including morachalcone A, can be synthesized through a Claisen–Schmidt condensation followed by Florisil®-catalyzed [1,3]-sigmatropic rearrangement of a prenyl phenyl ether.



Total synthesis of (–)-incarvilline

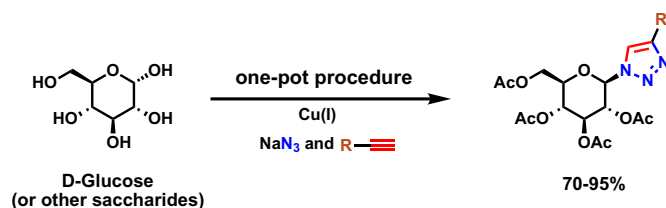
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Masaya Ichikawa, Sakae Aoyagi and Chihiro Kibayashi*

**One-pot synthesis of triazole-linked glycoconjugates**

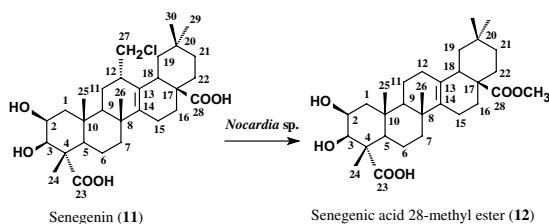
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Srinivas Chittaboina, Fang Xie and Qian Wang*

**Novel biotransformation of pentacyclic triterpenoid acids by *Nocardia* sp. NRRL 5646**

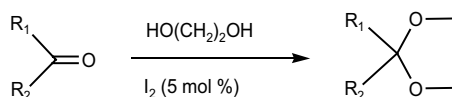
pp 2337–2340

Jian Zhang, Zhi-Hong Cheng, Bo-Yang Yu,* Geoffrey A. Cordell and Samuel X. Qiu*

**A remarkable iodine-catalyzed protection of carbonyl compounds**

pp 2341–2343

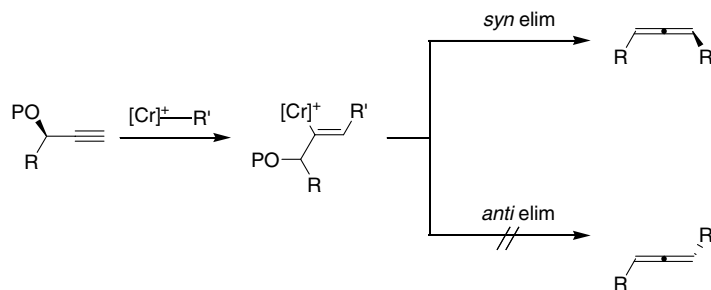
Bimal K. Banik,* Marin Chapa, Jocabed Marquez and Magda Cardona



Chromium(III) catalyzed synthesis of allenes from propargyl derivatives via a carbometalation–elimination sequence

pp 2345–2349

Gary A. Molander* and Erin M. Sommers

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*Corresponding author

Supplementary data available via ScienceDirect

COVERNew easily synthesized chiral cobalt salen coordinated to Al provides a practical and straightforward method for the synthesis of enantiomerically enriched terminal epoxides. *Tetrahedron Letters* **2005**, 46, 2263–2266.

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