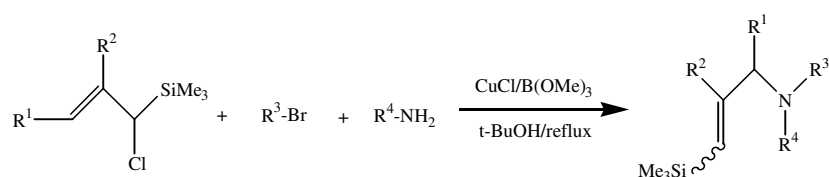


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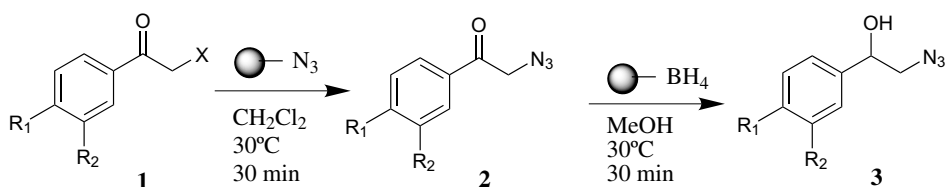
The direct synthesis of tertiary amines with three different substituents via the reaction of primary amines, alkyl halides, and α -chlorine substituted allylsilanes catalyzed by Lewis acids pp 4527–4530

Makoto Kozuka,* Teruko Tsuchida and Michiharu Mitani*



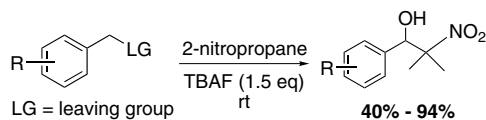
A fast procedure for the preparation of vicinal azidoalcohols using polymer supported reagents pp 4531–4533

Eugênia Cristina Souza Brenelli,* José Afrânio Brenelli and Raquel Cristina Laranjeira Pinto



Tandem Hass–Bender/Henry reaction for the synthesis of dimethylnitro alcohols from benzylic halides pp 4535–4538

Thomas A. Klein and Jeffrey M. Schkeryantz*

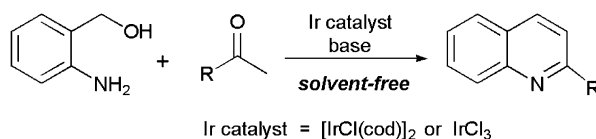


Dimethylnitro alcohols are constructed in a one-pot process from benzylic halides and 2-nitropropane. The use of tetrabutylammonium fluoride (TBAF) as the promoter is essential for this tandem Hass–Bender/Henry reaction to proceed.

Synthesis of quinolines from amino alcohol and ketones catalyzed by $[\text{IrCl}(\text{cod})]_2$ or IrCl_3 under solvent-free conditions

pp 4539–4542

Kazuhiko Taguchi, Satoshi Sakaguchi and Yasutaka Ishii*

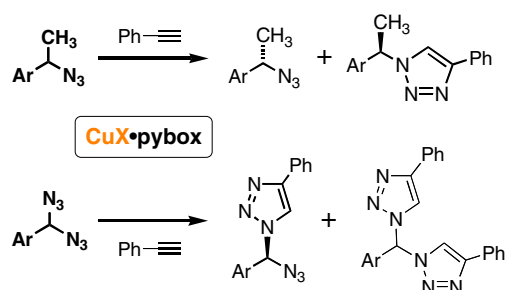


2-Aminobenzyl alcohol reacted with 2 equiv amount of ketones under the influence of $[\text{IrCl}(\text{cod})]_2$ or IrCl_3 and KOH without any solvent, giving the corresponding quinoline derivatives in good yields.

Kinetic resolution by copper-catalyzed azide–alkyne cycloaddition

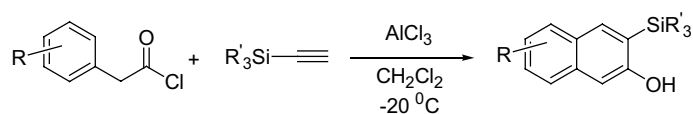
pp 4543–4546

Jun-cai Meng, Valery V. Fokin* and M. G. Finn*


Synthesis of polysubstituted-2-naphthols

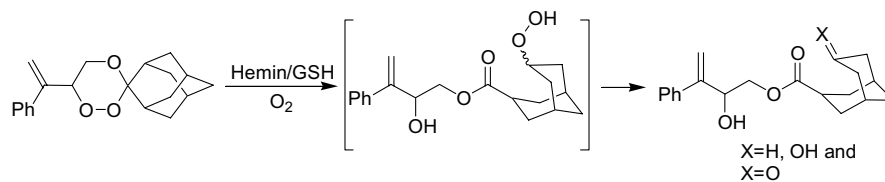
pp 4547–4549

Hélène Juteau,* Yves Gareau and Hugo Lachance


Chemistry of 1,2,4-trioxanes relevant to their mechanism of action. Part 1: Reaction with Fe(II) salts

pp 4551–4554

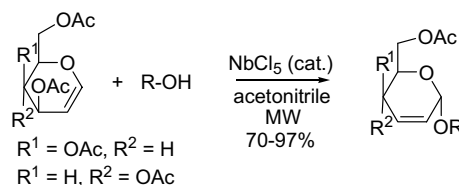
Chandan Singh,* Nitin Gupta and Pallavi Tiwari



Niobium(V) chloride catalyzed microwave assisted synthesis of 2,3-unsaturated *O*-glycosides by the Ferrier reaction

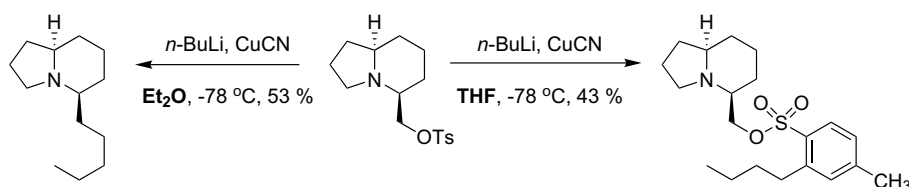
pp 4555–4558

Srinivas Hotha* and Ashish Tripathi

**An unusual solvent effect in the cuprate displacement reaction of indolizidin-5-yl-methyl *p*-toluenesulfonate: stereoselective synthesis of indolizidine alkaloids**

pp 4559–4561

P. Ganapati Reddy, M. Gomathi Sankar and Sundarababu Baskaran*

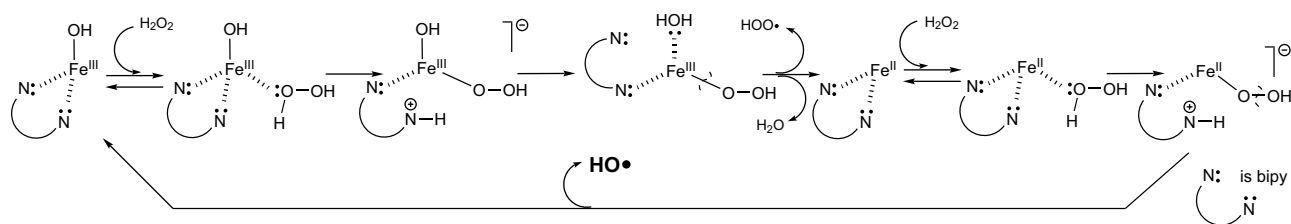


An unusual solvent effect in the cuprate displacement reaction of indolizidin-5-yl-methyl *p*-toluenesulfonate with dialkyl cuprates, derived from an alkyllithium and Grignard reagents, during the synthesis of indolizidine alkaloids 167B and 209D is described.

**Alkane oxygenation with H₂O₂ catalysed by FeCl₃ and 2,2'-bipyridine**

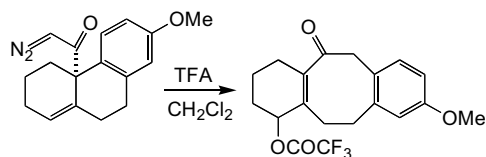
pp 4563–4567

Georgiy B. Shul'pin,* Camilla C. Golfeto, Georg Süss-Fink, Lidia S. Shul'pina and Dalmo Mandelli

**Ring fragmentation processes resulting from acid catalysed diazo ketone cyclisations**

pp 4569–4572

Oliver E. Hutt, Lewis N. Mander* and Anthony C. Willis



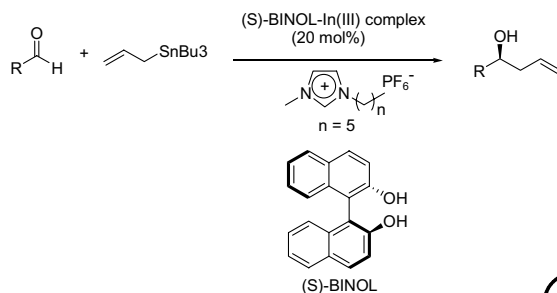
Products from the cyclisation of hexahydrophenanthryl diazo ketones undergo ring fragmentation to form benzocyclo-octanyl ketones.

Catalytic enantioselective allylation of aldehydes via a chiral indium(III) complex in ionic liquids

pp 4573–4575

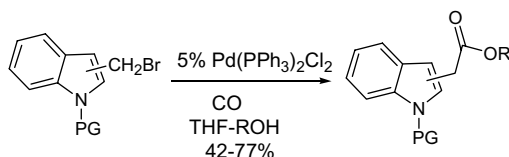
Yong-Chua Teo, Ee-Ling Goh and Teck-Peng Loh*

The ionic liquid [hmim][PF₆] has been demonstrated as an efficient and environmentally-friendly reaction medium for the enantioselective allylation of aldehydes via a chiral indium(III) complex. The allylation of a variety of aromatic, α,β -unsaturated and aliphatic aldehydes resulted in moderate to good yields and enantioselectivities (upto 92% ee).

**Stille carbonylation of *N*-protected bromomethylindoles**

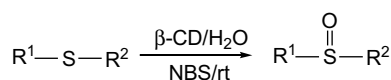
pp 4577–4579

Arasambattu K. Mohanakrishnan* and Neelamegam Ramesh

**Selective and efficient oxidation of sulfides to sulfoxides with *N*-bromosuccinimide in the presence of β -cyclodextrin in water**

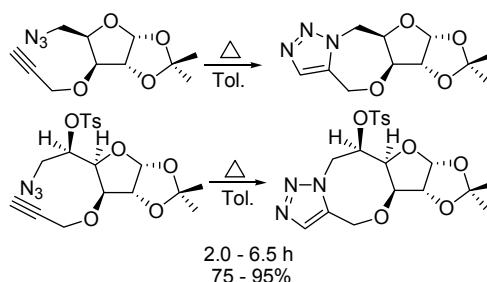
pp 4581–4583

K. Surendra, N. Srilakshmi Krishnaveni, V. Pavan Kumar, R. Sridhar and K. Rama Rao*

**Expedient synthesis of 1,2,3-triazole-fused tetracyclic compounds by intramolecular Huisgen ('click') reactions on carbohydrate-derived azido-alkynes**

pp 4585–4588

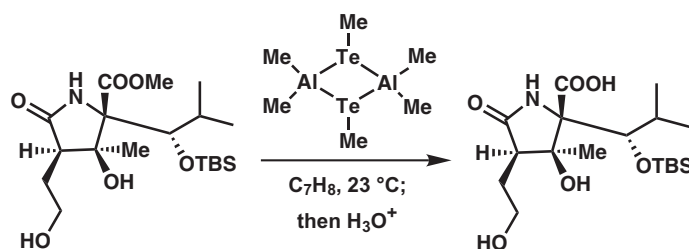
Srinivas Hotha,* Ramakrishna I. Anegundi and Arvind A. Natu



Dimethylaluminum methyltellurate, a new reagent for the cleavage of hindered methyl esters under exceptionally mild conditions by a novel mechanism

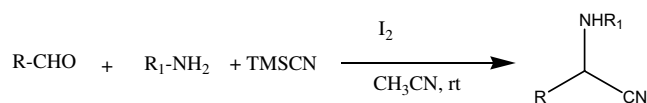
pp 4589–4593

B. V. Subba Reddy, Leleti Rajender Reddy and E. J. Corey*

**Iodine as a novel and efficient reagent for the synthesis of α -aminonitriles by a three-component condensation of carbonyl compounds, amines, and trimethylsilyl cyanide**

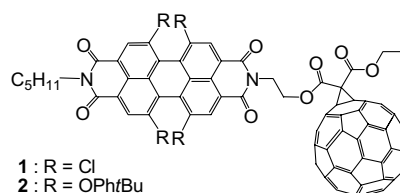
pp 4595–4597

Laurel Royer, Surya K. De* and Richard A. Gibbs

**Perylene-3,4,9,10-bis(dicarboximide) linked to [60]fullerene as a light-harvesting antenna**

pp 4599–4603

Jérôme Baffreau, Lara Perrin, Stéphanie Leroy-Lhez and Pierrick Hudhomme*

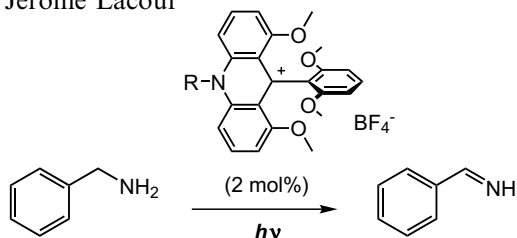


New [60]fullerene–perylene-3,4,9,10-bis(dicarboximide) dyads **1** and **2** are described in the search of an energy transfer from the dye as a photoactive antenna to the fullerene moiety.

**Catalytic aerobic photooxidation of primary benzylic amines using hindered acridinium salts**

pp 4605–4608

Cyril Nicolas, Christelle Herse and Jérôme Lacour*



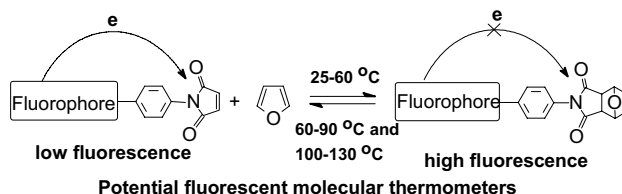
Hindered acridinium cations, simply prepared by the addition of primary amines to the known methylium tris(2,6-dimethoxyphenyl) cation, catalyze the aerobic photooxidation of primary benzyl amines into benzylimines. A mechanistic rationale for the electron-transfer process is proposed.

Synthesis and thermal modulation of the fluorescence of a pyrene-arylmaleimide dyad and its Diels–Alder adduct

pp 4609–4612

Zhuo Wang, Deqing Zhang* and Daoben Zhu*

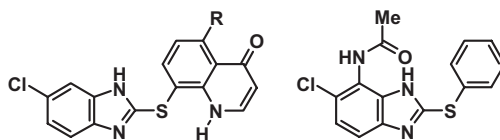
The fluorescence of a pyrene-arylmaleimide dyad and its Diels–Alder adduct can be thermally modulated through reversible Diels–Alder reaction of arylmaleimide unit with furan.



Synthesis of benzimidazole based JNK inhibitors

pp 4613–4616

Simon J. Teague,* Simon Barber, Sarah King and Linda Stein

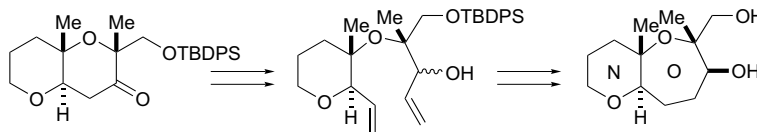


Substituted benzimidazoles were synthesised using a number of novel reactions, including displacement of a 2-sulfone group, preparation of 4-diazo benzimidazole derivatives and lithiation of benzimidazoles in the 4-position.

Synthesis of the NO ring model of gymnocin-B

pp 4617–4619

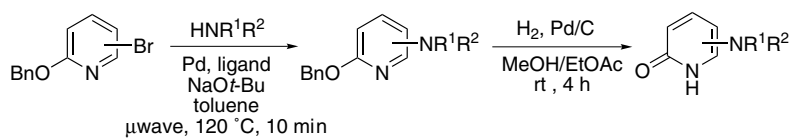
Chihiro Tsukano and Makoto Sasaki*



Microwave-promoted synthesis of amino-substituted 2-pyridone derivatives via palladium-catalyzed amination reaction

pp 4621–4625

Jung-Nyoung Heo,* Young Seob Song and Bum Tae Kim

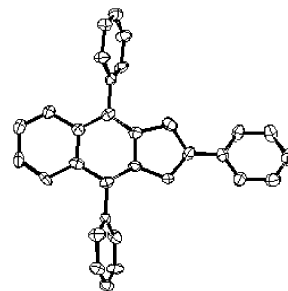


Synthesis and photoluminescence study of benz[*f*]indene derivatives

pp 4627–4631

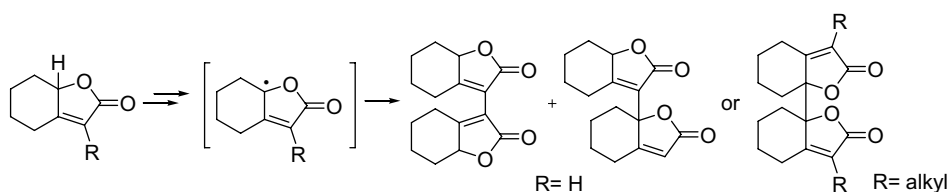
Do Han Kim, Jung A Lee, Seung Uk Son, Young Keun Chung* and Cheol Ho Choi

The synthesis and optical properties of a series of benz[*f*]indenes as new building blocks for electronic and optoelectronic materials are described.

**Regioselectivity of dimerisation of butenolides via captodative stabilised radicaloid intermediates**

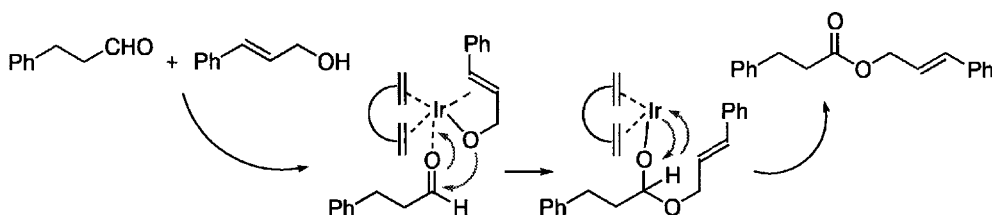
pp 4633–4637

Sharanjeet K. Bagal, Robert M. Adlington, Rohan A. B. Brown and Jack E. Baldwin*

**Iridium-catalyzed oxidative esterification reaction of aliphatic aldehydes and olefinic alcohols with precoordination of the double bond of alcohols to iridium**

pp 4639–4642

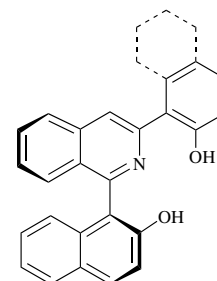
Syun-ichi Kiyooka,* Mahuyu Ueno and Eri Ishii

**Synthesis, resolution and racemisation studies of new tridentate ligands for asymmetric catalysis**

pp 4643–4646

Brian A. Sweetman, Helge Müller-Bunz and Patrick J. Guiry*

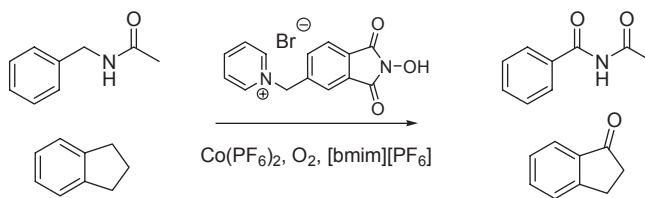
The high-yielding preparation of two tridentate, isoquinoline-derived ligands, involving successive Suzuki cross-coupling reactions, is described. The first ligand was resolved via molecular complexation with *N*-benzylcinchonidinium chloride, while the second was resolved by chromatographic separation of its epimeric camphorsulfonates. The barrier to rotation about the central biaryl axis was evaluated and the absolute configuration assigned by X-ray crystallography.



Aerobic oxidation with *N*-hydroxyphthalimide catalysts in ionic liquid

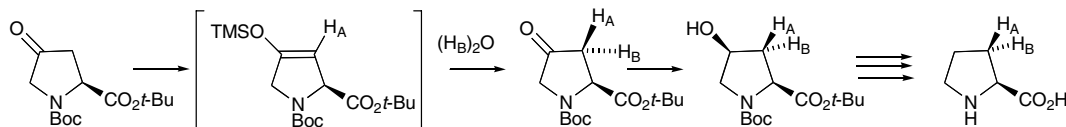
pp 4647–4651

Jia-Rui Wang, Lei Liu,* Ye-Feng Wang, Ying Zhang, Wei Deng and Qing-Xiang Guo*

**Synthesis of (2*S*,3*R*)- and (2*S*,3*S*)-[3-²H₁]-proline via highly stereoselective hydrolysis of a silyl enol ether**

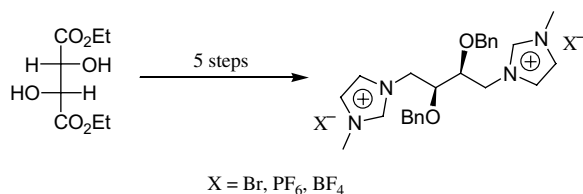
pp 4653–4655

Paul Barraclough, Caroline A. Spray and Douglas W. Young*

**Synthesis of new chiral ionic liquids from natural acids and their applications in enantioselective Michael addition**

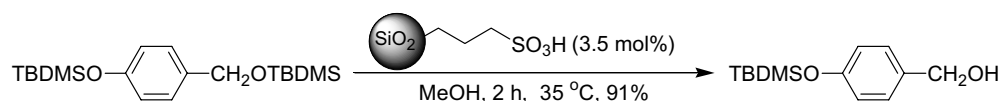
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Zhiming Wang, Qiang Wang, Yu Zhang and Weiliang Bao*

**A high loading sulfonic acid-functionalized ordered nanoporous silica as an efficient and recyclable catalyst for chemoselective deprotection of *tert*-butyldimethylsilyl ethers**

pp 4661–4665

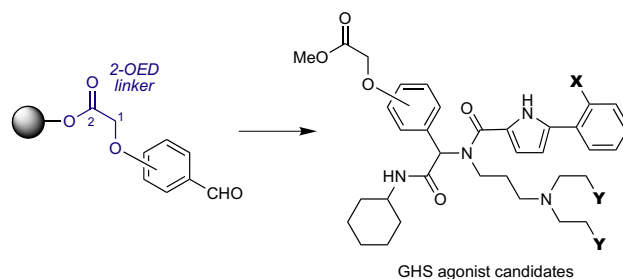
Babak Karimi* and Daryoush Zareyee



2-Oxo-1,2-ethylenedioxy group as a linker for solution-, liquid-, and solid-phase syntheses to discover drug-like small molecules pp 4667–4670

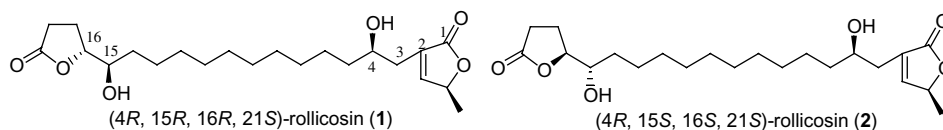
Masato Oikawa,* Yoshiyuki Takeda and Makoto Sasaki

Procedures for loading and releasing small molecules on various polymer supports via the 2-OED linker have been established. Synthetic application toward GHS agonist candidates is reported.



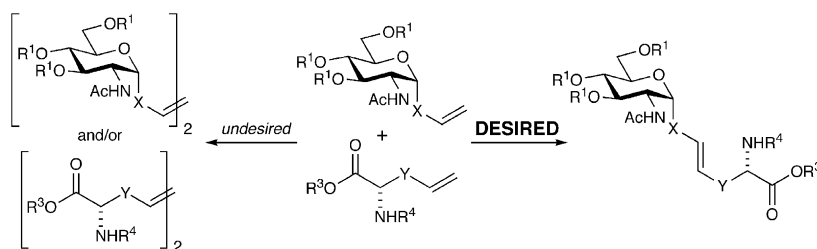
Synthesis of (4*R*,15*R*,16*R*,21*S*)- and (4*R*,15*S*,16*S*,21*S*)-rollicosin pp 4671–4675

Hidefumi Makabe,* Masaharu Higuchi, Hiroyuki Konno, Masatoshi Murai and Hideto Miyoshi



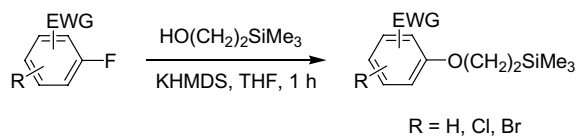
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Frank W. Schmidtman, Tyler E. Benedum and Glenn J. McGarvey*



Direct synthesis of trimethyl(2-phenoxyethyl)silanes from aromatic fluorides pp 4683–4685

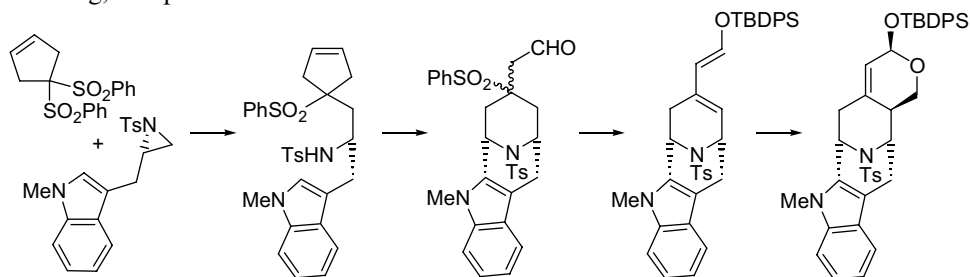
Scott A. Grecian, Sabine Hadida and Stephen D. Warren*



4-(Phenylsulfonyl)-4-lithiocyclopentene as a nucleophilic 2-pentene-1,5-dial synthetic equivalent.
An aziridine-based synthetic approach to (–)-alstonerine

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Paul Cox, Donald Craig,* Stephanos Ioannidis and Volker S. Rahn



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*Corresponding author

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