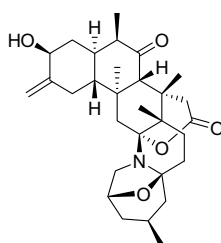


Contents

COMMUNICATIONS

Loboanthamine, a new zoanthamine-type alkaloid from the Indonesian soft coral *Lobophytum* sp. pp 2189–2192

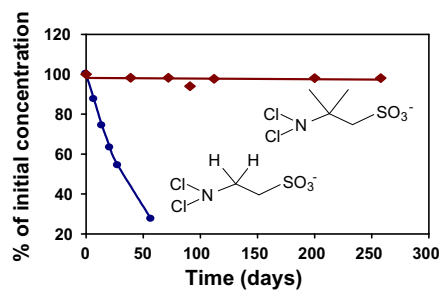
Ernesto Fattorusso, Adriana Romano, Orazio Taglialatela-Scafati *, M. Janib Achmad,
Giorgio Bavestrello, Carlo Cerrano



***N*-Chloro-2,2-dimethyltaurines: a new class of remarkably stable *N*-chlorotaurines** pp 2193–2195

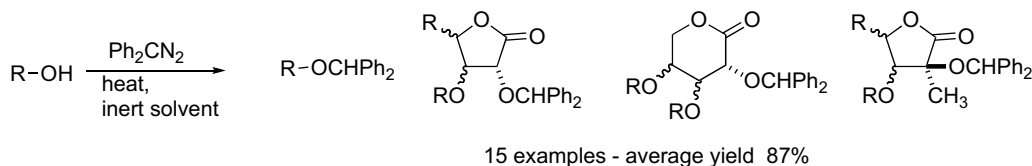
Lu Wang *, Behzad Khosrovi, Ramin Najafi

Simple *N*-chlorotaurines, formed within neutrophils during phagocytosis, have broad-spectrum antimicrobial activities but lack long-term stability. By contrast, their novel 2,2-dimethyl substituted counterparts, *N*-chloro-2,2-dimethyltaurine (4) and *N,N*-dichloro-2,2-dimethyltaurine (5) exhibit remarkable stabilities even in aqueous solution.



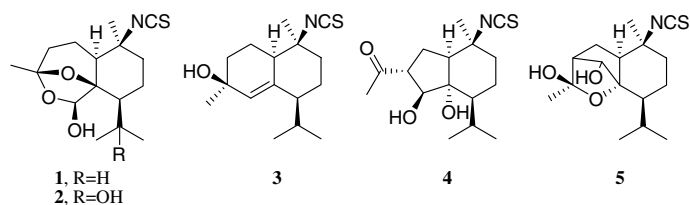
High yield protection of alcohols, including tertiary and base sensitive alcohols, as benzhydryl ethers by heating with diphenyldiazomethane in the absence of any other reagent pp 2196–2199

Daniel Best, Sarah F. Jenkinson, Sebastian D. Rule, Rosemary Higham, Thomas B. Mercer,
Richard J. Newell, Alexander C. Weymouth-Wilson, George W. J. Fleet *, Sigthor Petursson *



Axiplins A–E, new sesquiterpene isothiocyanates from the marine sponge *Axinyssa aplysinoides*
 Hagit Sorek, Ayellet L. Zelikoff, Yehuda Benayahu, Yoel Kashman *

pp 2200–2203

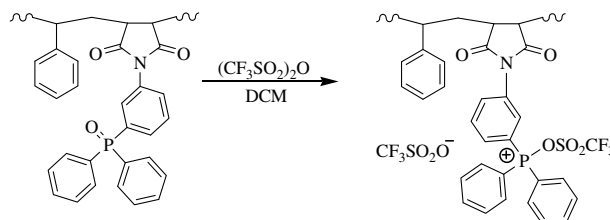


Triphenylphosphine oxide supported on non-cross-linked maleimide–styrene copolymer: application as a novel Hendrickson reagent

pp 2204–2207

Hossein Mahdavi *, Javad Amani

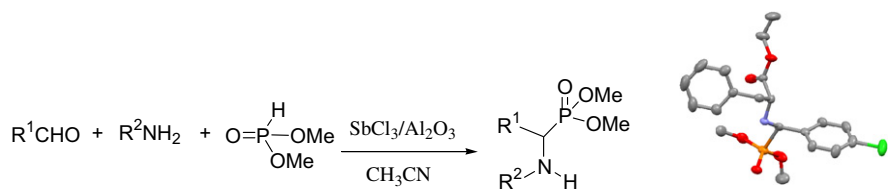
A new triphenylphosphine oxide reagent linked to a linear maleimide–styrene copolymer is synthesized. This phosphine-bound copolymer is converted to copolymer-supported triphenylphosphine ditriflate as a novel Hendrickson reagent, by treatment with triflic anhydride. This reacts rapidly in various dehydration reactions such as anhydride, ester and amide formation.



One-pot synthesis of α -aminophosphonates catalyzed by antimony trichloride adsorbed on alumina

pp 2208–2212

Ambica, Satish Kumar, Subhash C. Taneja, Maninder S. Hundal, Kamal K. Kapoor *



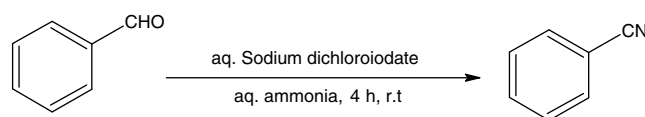
R^1CHO = aryl or alkyl aldehyde, R^2NH_2 = aryl amine, alkyl amine or ester of *S*- \pm -amino acid.

$\text{SbCl}_3/\text{Al}_2\text{O}_3$ is an efficient catalyst in promoting the three-component coupling reaction of aldehydes, amines and dialkylphosphites to afford the corresponding α -aminophosphonates in high yields.

A novel system for the synthesis of nitriles from aldehydes using aqueous ammonia and sodium dichloriodate

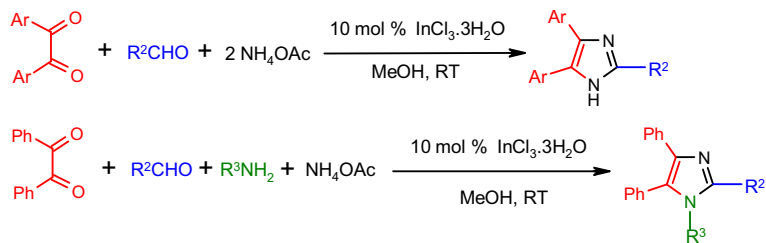
pp 2213–2215

Vikas N. Telvekar *, Kavita N. Patel, Harish S. Kundaikar, Hemchandra K. Chaudhari

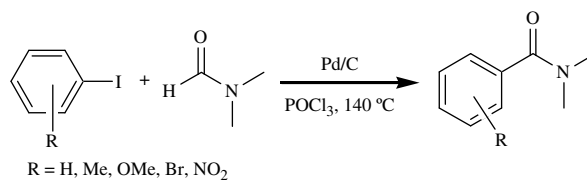


An efficient and one-pot synthesis of 2,4,5-trisubstituted and 1,2,4,5-tetrasubstituted imidazoles catalyzed by $\text{InCl}_3 \cdot 3\text{H}_2\text{O}$ pp 2216–2220

Saikat Das Sharma, Parasa Hazarika, Dilip Konwar *

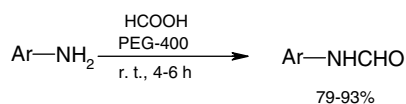
**Pd/C: an efficient, heterogeneous and reusable catalyst for carbon monoxide-free aminocarbonylation of aryl iodides** pp 2221–2224

Pawan J. Tambade, Yogesh P. Patil, Mayur J. Bhanushali, Bhalchandra M. Bhanage *

Carbon monoxide-free aminocarbonylation reaction is carried out efficiently via coupling of *N,N*-dimethylformamide (DMF) with aryl iodides using Pd/C as a heterogeneous catalyst.**A remarkably simple N-formylation of anilines using polyethylene glycol**

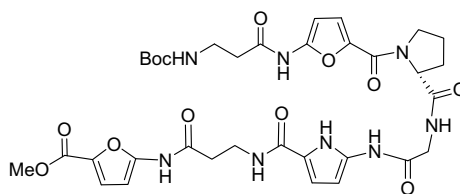
pp 2225–2227

Biswanath Das *, Maddeboina Krishnaiah, P. Balasubramanyam, Boyapati Veeranjanyulu, D. Nandan Kumar

**Nucleation of the β -hairpin structure in a linear hybrid peptide containing α -, β - and γ -amino acids**

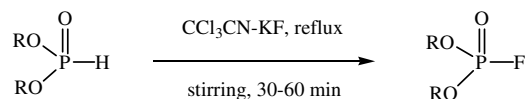
pp 2228–2231

Tushar K. Chakraborty *, K. Srinivasa Rao, M. Udaya Kiran, B. Jagadeesh *



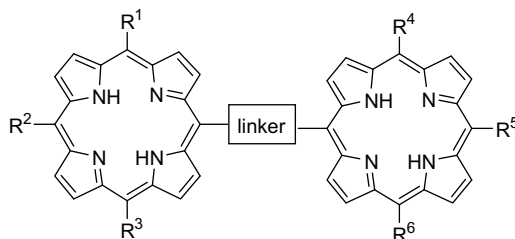
Single step fluorination of dialkylphosphites: trichloroacetonitrile–KF as an efficient reagent for the synthesis of dialkyl fluorophosphates pp 2232–2235

A. K. Gupta, J. Acharya, D. Pardasani, D. K. Dubey *



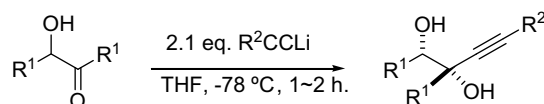
Synthetic strategies and porphyrin building blocks for unsymmetrical multichromophores pp 2236–2239

Marijana Fazekas, Monica Pintea, Mathias O. Senge *, Monika Zawadzka



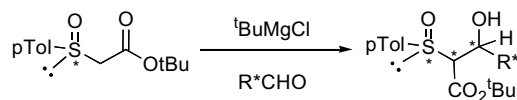
On the highly stereoselective addition of lithio-acetylides to α -hydroxy-ketones pp 2240–2242

Damian Dunford, Mathilde Guyader, Simon Jones, David W. Knight *, Michael B. Hursthouse, Simon J. Coles



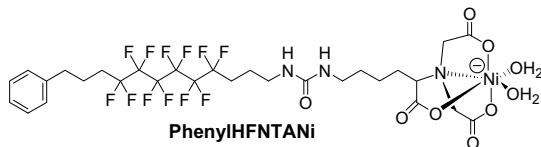
Diastereofacial selectivity in aldol-type condensation induced by optically pure α -sulfinyl acetate with α -substituted aldehydes pp 2243–2246

Claude Bauder



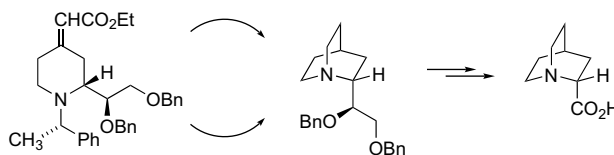
Synthesis of a hemifluorinated amphiphile designed for self-assembly and two-dimensional crystallization of membrane protein pp 2247–2250

Julien Dauvergne, Ange Polidori *, Catherine Vénien-Bryan, Bernard Pucci *



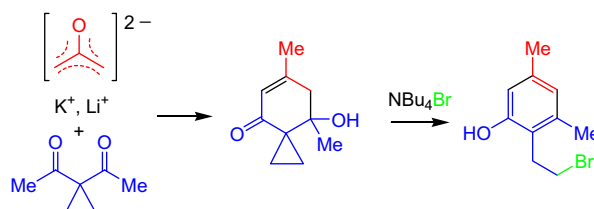
Synthesis of (*R*)-quinuclidine-2-carboxylic acid in enantiomerically pure form pp 2251–2253

Pablo Etayo, Ramón Badorrey, María D. Díaz-de-Villegas *, José A. Gálvez *



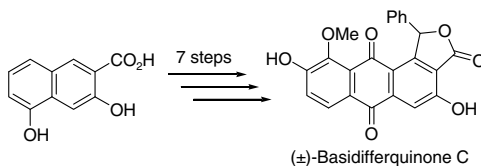
Synthesis and reactions of hydroxyspiro[5.2]cyclooctenones based on the cyclization of the dianions of acetone and diethyl 2-oxopropylphosphonate with 1,1-dicycyclopropanes pp 2254–2257

Nasir Rasool, Muhammad A. Rashid, Muhammad Adeel, Helmar Görts, Peter Langer *



Synthetic studies on basidifferquinones: the first synthesis of (±)-basidifferquinone C pp 2258–2261

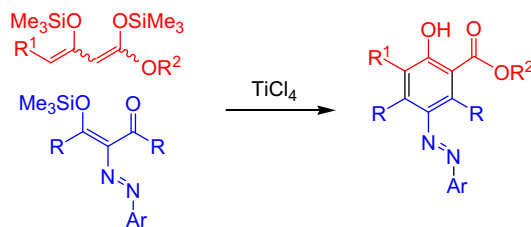
Hirosato Takikawa *, Takashi Hashimoto, Mayuko Matsuura, Takuya Tashiro, Takeshi Kitahara, Kenji Mori, Mitsuru Sasaki



Synthesis of sterically encumbered and functionalized diaryl-diazenes by formal [3+3] cyclization of 2-aryldiazenyl-3-silyloxy-2-en-1-ones with 1,3-bis(silyloxy)-1,3-butadienes

pp 2262–2264

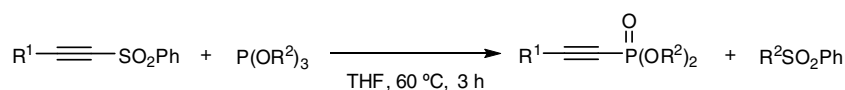
Jennifer Hefner, Peter Langer *



Transformation of alkynyl sulfones into alkynylphosphonates with trialkyl phosphites

pp 2265–2267

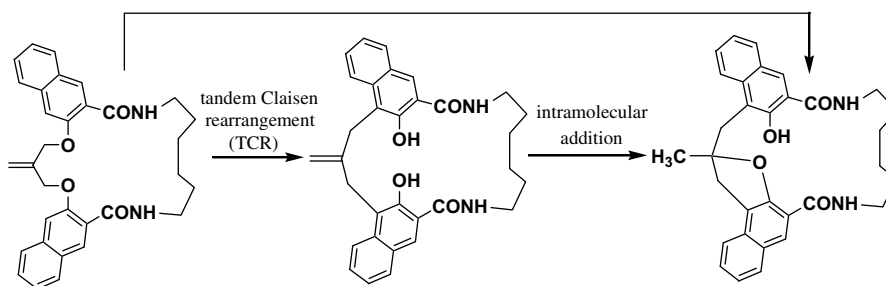
Yasutaka Yatsumonji, Akitoshi Ogata, Akira Tsubouchi, Takeshi Takeda *



Controllable synthesis, structures of amidecrownophane-type macrocycles and their binding ability toward anions

pp 2268–2271

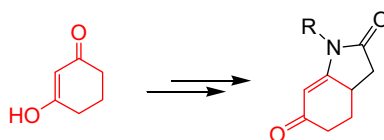
Wei-tao Gong, Junichi Harigae, Joobeom Seo, Shim Sung Lee, Kazuhisa Hiratani *



Efficient synthesis of 2,6-dioxo-1,2,3,4,5,6-hexahydroindoles based on the synthesis and reactions of (2,4-dioxocyclohex-1-yl)acetic acid derivatives

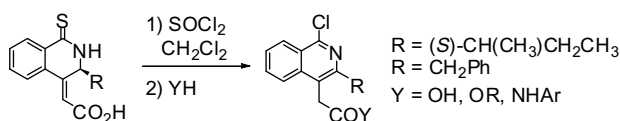
pp 2272–2274

Benard Juma, Muhammad Adeel, Alexander Villinger, Peter Langer *



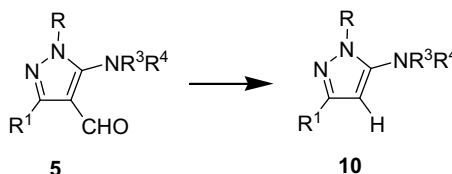
Studies on calpain inhibitors. Synthesis of partially reduced isoquinoline-1-thione derivatives and conversion to functionalized 1-chloroisoquinolines pp 2275–2279

Roberto Chicharro, Mercedes Alonso, Vicente J. Arán, Bernardo Herradón *



Facile microwave assisted decarbonylation of 4-formyl group in 5-alkyl amino substituted pyrazoles pp 2280–2282

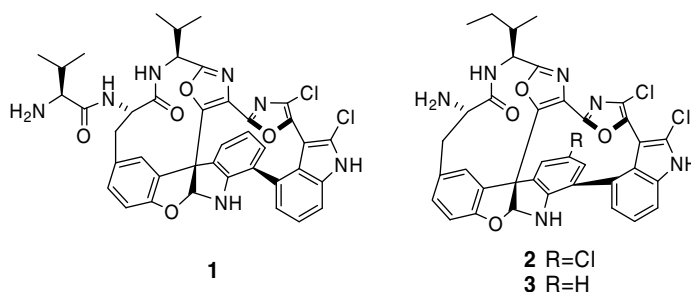
Subas M. Sakya *, Barbara Abrams, Sheri L. Snow, Bryson Rast



Facile decarbonylation of the 4-formyl group in 5-alkyl amino pyrazoles was seen when reacted with catalytic *p*-toluene sulfonic acid in methanol under microwave irradiation to provide parent 4-H pyrazoles in good yields.

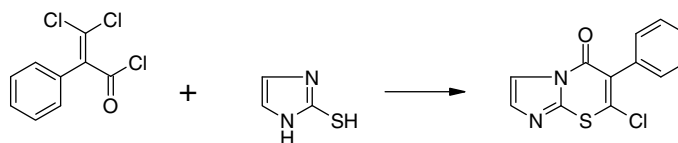
Diazonamides C–E, new cytotoxic metabolites from the ascidian *Diazona* sp. pp 2283–2285

Rogelio Fernández, María Jesús Martín, Raquel Rodríguez-Acebes, Fernando Reyes *, Andrés Francesch, Carmen Cuevas



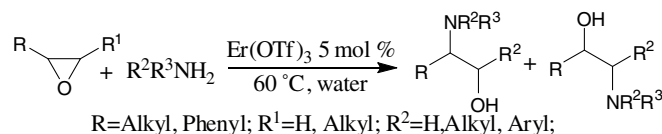
First synthesis and further functionalization of 7-chloro-imidazo[2,1-b][1,3]thiazin-5-ones pp 2286–2288

Clemens Lamberth *, Florian Querniard



Highly efficient and versatile chemoselective addition of amines to epoxides in water catalyzed by erbium(III) triflate pp 2289–2293

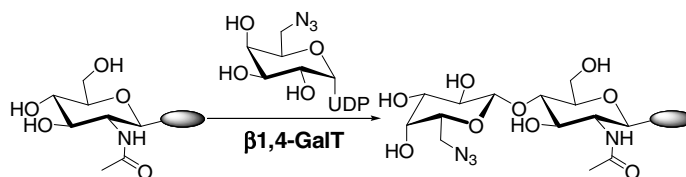
Antonio Procopio *, Marco Gaspari, Monica Nardi, Manuela Oliverio, Ornelio Rosati



Er(OTf)₃ is proposed as a highly efficient and reusable catalyst for the opening of epoxides in water with aliphatic as well as aromatic amines leading to the synthesis of β-amino alcohols. The aqueous conditions employed in the present method will make it 'environmentally friendly' and potentially useful for industrial applications.

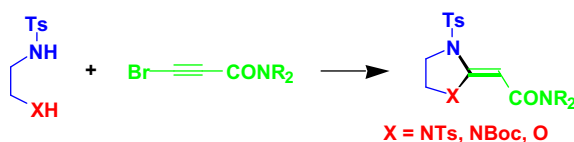
6-Azido D-galactose transfer to N-acetyl-D-glucosamine derivative using commercially available β-1,4-galactosyltransferase pp 2294–2297

Michaël Bosco, Sophie Le Gall, Christophe Rihouey, Samuel Couve-Bonnaire, Muriel Bardor, Patrice Lerouge, Xavier Pannecoucke *



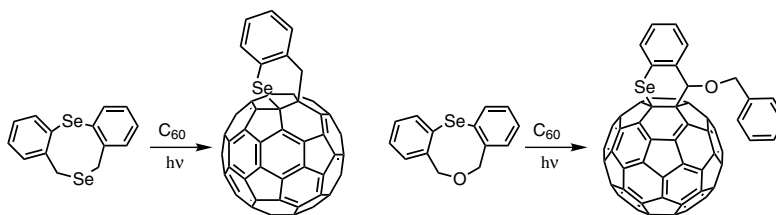
Facile preparation of N-protected 2-alkylidene-1,3-imidazolidines pp 2298–2301

Hiroyuki Naito, Takeshi Hata, Hirokazu Urabe *



Synthesis of selenylfullerene with selenium-containing dibenzo[b,g]cyclooctane moiety pp 2302–2305

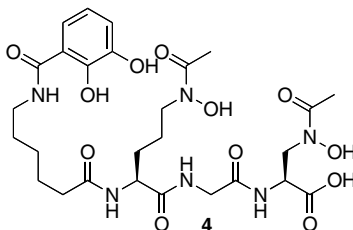
Tsukasa Nakahodo, Kensaku Takahashi, Midori O. Ishitsuka, Takahiro Tsuchiya, Yutaka Maeda, Hisashi Fujihara, Shigeru Nagase, Takeshi Akasaka *



Design and synthesis of a novel protected mixed ligand siderophore

pp 2306–2310

Pingyu Ding, Clara E. Schous, Marvin J. Miller *



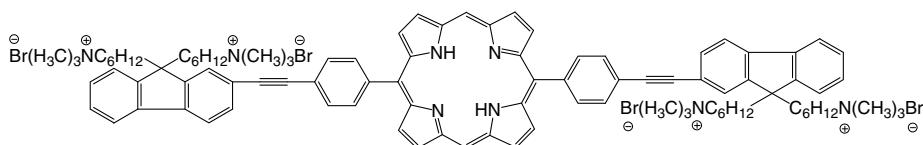
The design of a novel mixed ligand (catechol and bis-hydroxamate) siderophore analog (**4**) and synthesis of a suitably protected form (**15**) for subsequent drug conjugation is described.



A cationic porphyrin-based self-assembled film for mercury ion detection

pp 2311–2315

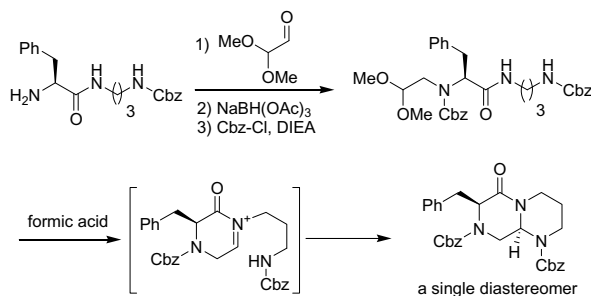
Zhen Fang, Bin Liu *



Synthesis of a novel benzyl-octahydropyrazino[1,2-a]pyrimidin-6-one derivative as a convenient internal bicyclic peptidomimetic

pp 2316–2319

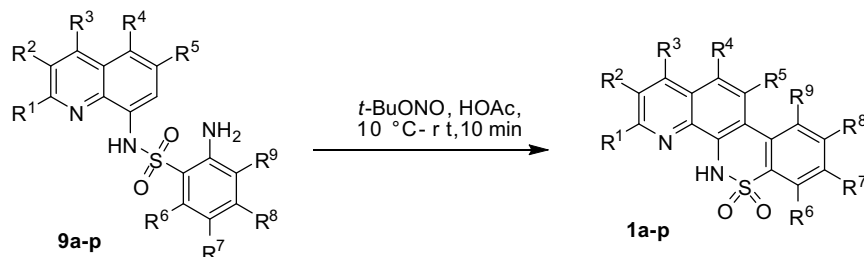
Byoung J. Min, Xuyuan Gu, Takashi Yamamoto, Ravil R. Petrov, Hongchang Qu, Yeon Sun Lee, Victor J. Hruby *



Convenient preparation of N-8-quinolinyln benzenesultams as novel NF-κB inhibitors

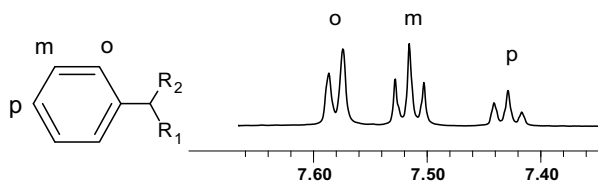
pp 2320–2323

Yuli Xie, Gangli Gong, Yidong Liu, Shixian Deng, Alison Rinderspacher, Lars Branden, Donald W. Landry *



¹H NMR spectrum simplification of phenyl compounds containing electronegative groups by intermolecular interactions pp 2324–2328

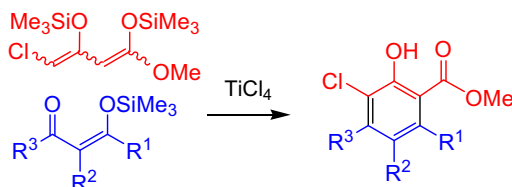
Kai Hu, Xiaojun Wu, Junfeng Shen, Yan Zhou, Zhongxing Jiang, Gongzhen Cheng *



Good resolution has been obtained on the phenyl regions of aromatic compounds by solvent-induced shift reagents.

The first 4-chloro-1,3-bis(trimethylsilyloxy)-1,3-diene and its application to the regioselective synthesis of chlorinated arenes pp 2329–2332

Stefanie Reim, Peter Langer *



*Corresponding author

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