Graphical abstracts

Synthesis and reactivity of cyclic sulfamidites and sulfamidates

Tetrahedron 59 (2003) 2581

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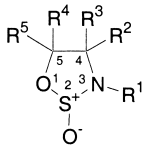

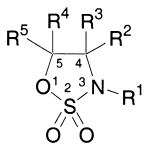

Aza-Wittig reaction of *N*-phosphorylalkyl phosphazenes with carbonyl compounds and phenylisocyanate. Synthesis of 4-amino-3-phosphoryl-2-azadienes and pyrazine-phosphonates

Tetrahedron 59 (2003) 2617

Francisco Palacios,* Ana María Ochoa de Retana, Eduardo Martínez de Marigorta, Marta Rodriguez and Jaione Pagalday

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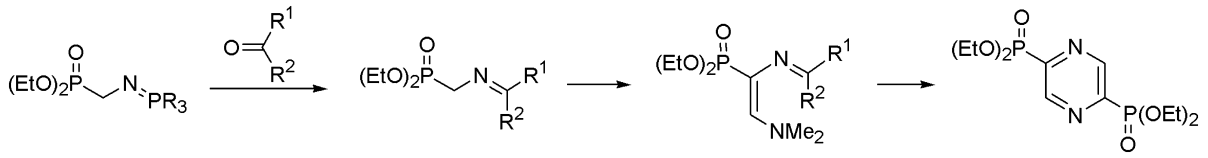

Synthesis of 2-(trifluoromethyl)-1,2-dihydro-4*H*-thieno[2,3-*c*] chromen-4-ones and 2-(trifluoromethyl)-4*H*-thieno[2,3-*c*] chromen-4-ones from 2-trifluoromethylchromones and ethyl mercaptoacetate

Tetrahedron 59 (2003) 2625

Vyacheslav Ya. Sosnovskikh,[a,*] Boris I. Usachev,[a] Dmitri V. Sevenard[b] and Gerd-Volker Röschenthaler[b]

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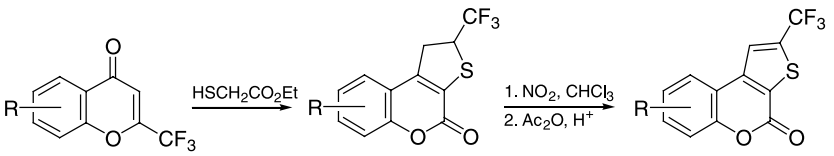
[b]*Institute of Inorganic and Physical Chemistry, University of Bremen, Leobener Strasse, 28334 Bremen, Germany*

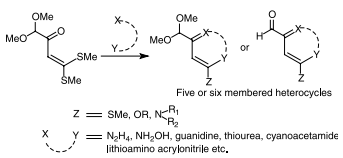


1-Bis(methoxy)-4-bis(methylthio)-3-buten-2-one: useful three carbon synthon for synthesis of five and six membered heterocycles with masked (or unmasked) aldehyde functionality

Tetrahedron 59 (2003) 2631

Pranab K. Mahata, U. K. Syam Kumar, V. Sriram, H. Ila* and H. Junjappa*

Department of Chemistry, Indian Institute of Technology, Kanpur, 208016 India

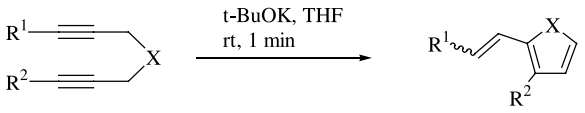


Tetrahedron 59 (2003) 2641

A new approach to the synthesis of 2-vinylthiophenes and selenophenes; competition between free radical and anionic cycloaromatization of bridged di- and tetrapropargylic sulfides and selenides

Yossi Zafrani, Marina Cherkinsky, Hugo E. Gottlieb and Samuel Braverman*

Department of Chemistry, Bar-Ilan University, Ramat-Gan 52900, Israel

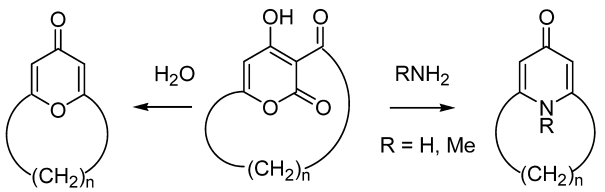


Tetrahedron 59 (2003) 2651

Highly efficient methods for metacyclophane synthesis

Masayuki Sato,* Tsunehisa Oda, Ken-ichi Iwamoto and Emi Murakami

School of Pharmaceutical Sciences, University of Shizuoka, 52-1 Yada, Shizuoka 422-8526, Japan



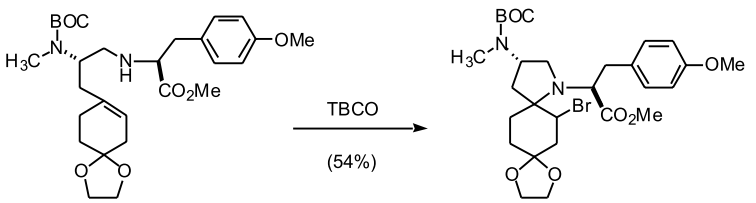
a: n = 8, b: n = 9, c: n = 10, d: n = 12, e: n = 18

Tetrahedron 59 (2003) 2657

Synthesis of enantiopure 3-amino-1-azaspiro[4.5]decan-8-ones by halonium promoted cyclization of amino-tethered cyclohexenes

Gemma Puigbó, Faïza Diaba and Josep Bonjoch*

Laboratory of Organic Chemistry, Faculty of Pharmacy, University of Barcelona, Av. Joan XXIII sn, 08028 Barcelona, Spain

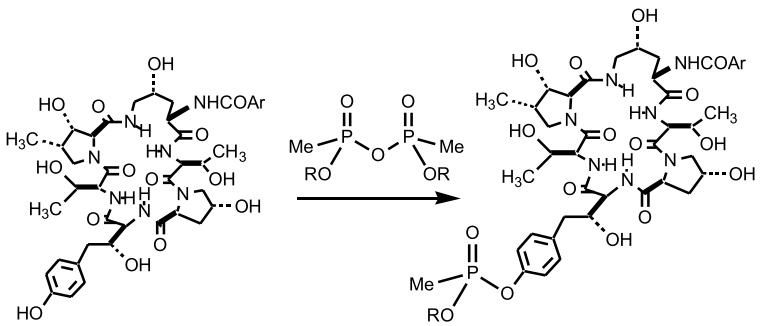


Tetrahedron 59 (2003) 2667

Selective methylphosphonylation of an echinocandin B analog derived from LY303366

Uko E. Udodong,* Marvin M. Hansen,* Daniel E. Verral, Allen R. Harkness, John L. Grutsch, William D. Miller and Bret Astleford

Chemical Process Research and Development, Lilly Research Laboratories, A Division of Eli Lilly and Company, Indianapolis, IN 46285-4813, USA



Thermal intramolecular cycloaddition of 4-alkenylfulvene; highly regio- and diastereoselective formation of [4+2] adduct

Tetrahedron 59 (2003) 2673

Hiroyoshi Kitano, Shinya Fujita, Yutaka Takehara, Masakazu Hattori, Toshio Morita, Kazutsugu Matsumoto and Minoru Hatanaka*

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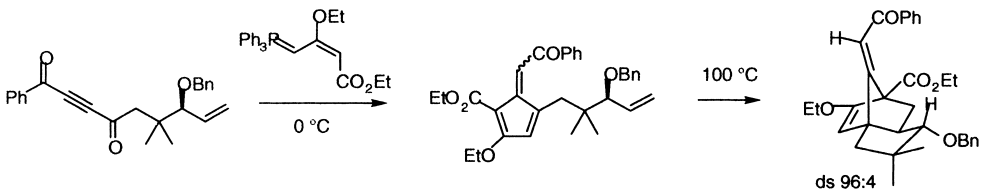

New total synthesis of (+)-cystothiazole A based on palladium-catalyzed cyclization–methoxycarbonylation

Tetrahedron 59 (2003) 2679

Keisuke Kato, Takamitsu Sasaki, Hiroyuki Takayama and Hiroyuki Akita*

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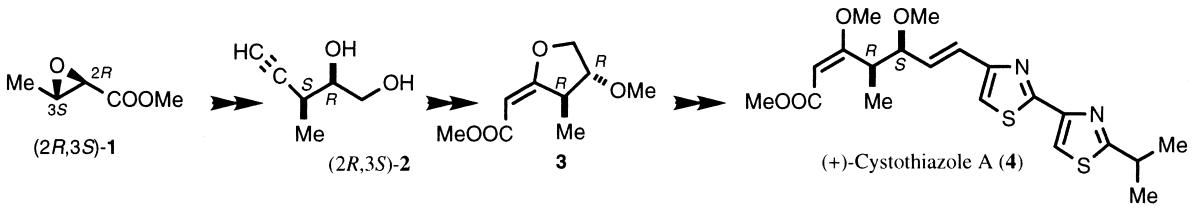


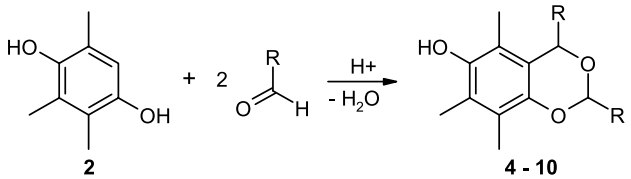
Synthesis of novel 3-oxa-chromanol type antioxidants

Tetrahedron 59 (2003) 2687

Christian Adelwöhrer,[a] Thomas Rosenau,[a,*] Lars Gille[b] and Paul Kosma[a]

[a]*University of Agricultural Sciences, Institute of Chemistry, Muthgasse 18, A-1190 Vienna, Austria*
[b]*Dept. of Pharmacology and Toxicology, Inst. of Applied Botany, University of Veterinary Medicine Vienna, Vienna, Austria*

Condensation of trimethylhydroquinone with aldehydes in a facile one-pot reaction provides 3-oxa-chromanols, which are a novel class of phenolic antioxidants having structural similarity to α-tocopherol (vitamin E).



Synthesis and glycosidase inhibitory activity of pseudo-di-(or tri-)saccharides

Tetrahedron 59 (2003) 2693

Isabelle McCort, Michèle Sanière and Yves Le Merrer*

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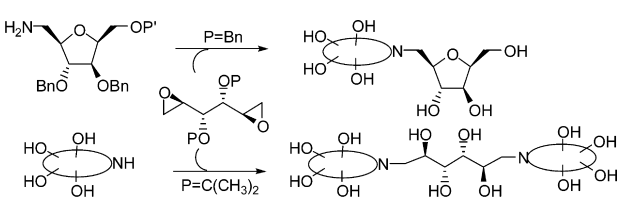


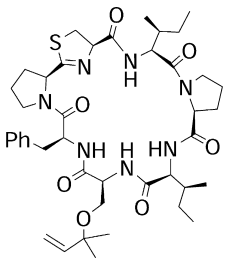
Total synthesis of the cytotoxic cyclopeptide mollamide, isolated from the sea squirt *Didemnum molle*

Tetrahedron 59 (2003) 2701

Benedict McKeever and Gerald Pattenden*

School of Chemistry, University of Nottingham, Nottingham NG7 2RD, UK

Full Details of a total synthesis of the novel reverse prenyl substituted cyclic peptide mollamide isolated from the ascidian *Didemnum molle*, are described.



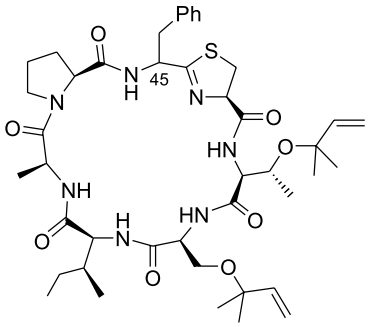
Total synthesis of trunkamide A, a novel thiazoline-based prenylated cyclopeptide metabolite from *Lissoclinum* sp.

Tetrahedron 59 (2003) 2713

Benedict McKeever and Gerald Pattenden*

School of Chemistry, University of Nottingham, Nottingham NG7 2RD, UK

Full details of a total synthesis of the doubly prenylated cyclic peptide trunkamide A of marine origin, and also its C45 epimer, are described.



Synthetic approach to potential precursors of sclerophytin A

Tetrahedron 59 (2003) 2729

Michael E. Jung* and Joseph Pontillo

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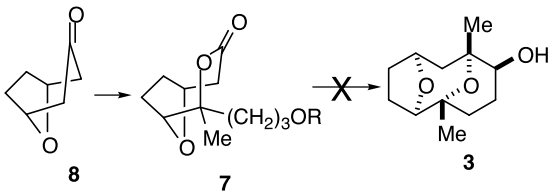

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An efficient synthesis of (±)-β-herbertenol by a 1,3-cyclopentadione annelation strategy

Tetrahedron 59 (2003) 2737

Subhash P. Chavan,* Rajendra K. Kharul, Ramesh R. Kale and Dushant A. Khobragade

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