

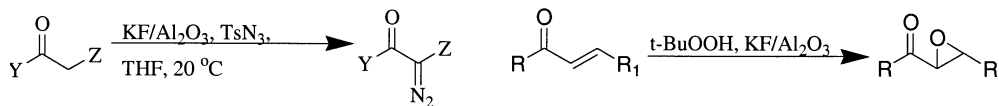
Graphical abstracts

KF/Al₂O₃ Mediated organic synthesis

Benjamin E. Blass

Procter & Gamble Pharmaceuticals, Health Care Research Center, 8700 Mason Montgomery Road, Mason, OH 45040, USA

This report examines the application of KF/Al₂O₃ in organic chemistry, a versatile reagent that has been used in a wide range of reactions including but not limited to selective N-alkylation of amides, epoxidations, diazetizations, Sonogashira couplings, Suzuki couplings, Knoevenagel reactions, and Horner–Emmons chemistry.

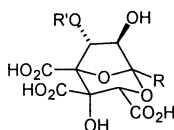


Tetrahedron 58 (2002) 9301

Recent synthetic studies on the zaragozic acids (squalestatins)

Alan Armstrong* and Toby J. Blench

Department of Chemistry, Imperial College of Science, Technology and Medicine, London SW7 2AY, UK

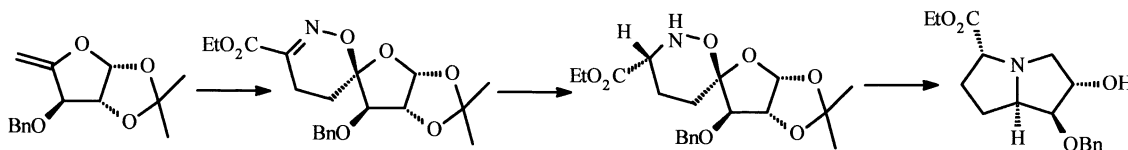


Tetrahedron 58 (2002) 9321

Hetero-Diels–Alder additions to pent-4-enofuranosides: concise synthesis of hydroxylated pyrrolizidines

John K. Gallos,* Vassiliki C. Sarli, Christos I. Stathakis, Theocharis V. Koftis, Victoria R. Nachmia and Evdoxia Coutouli-Argyropoulou

Department of Chemistry, Aristotle University of Thessaloniki, Thessaloniki 540 06, Greece

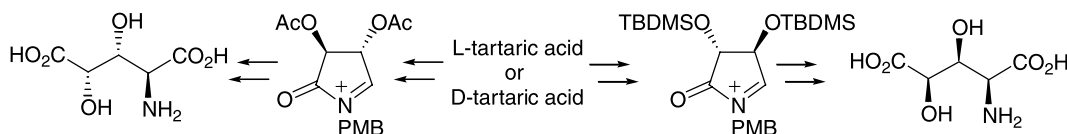


Tetrahedron 58 (2002) 9351

A concise approach to homochiral 3,4-dihydroxyglutamic acids

Makoto Oba,* Shinichi Koguchi and Kozaburo Nishiyama*

Department of Material Science and Technology, Tokai University, 317 Nishino, Numazu, Shizuoka 410-0395, Japan



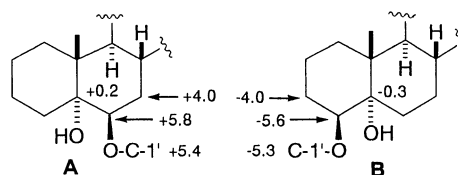
Tetrahedron 58 (2002) 9359

The arabinofuranoside method, a convenient substitute of the fucufuranoside method for determining the absolute configuration of the secondary alcohols

Masaru Kobayashi

Graduate School of Pharmaceutical Sciences,
Hokkaido University, Kita-Ku, Sapporo 060-0812, Japan

Tetrahedron 58 (2002) 9365



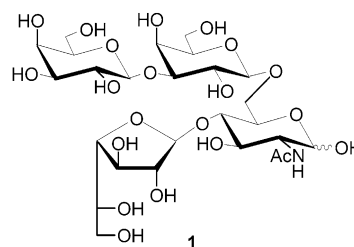
Symmetrical $\Delta\delta_C$ values (ppm) of the R- (A) and S- (B) secondary alcohols.

Synthesis of β -D-Galp-(1 \rightarrow 3)- β -D-Galp-(1 \rightarrow 6)-[β -D-Galf-(1 \rightarrow 4)]-D-GlcNAc, a tetrasaccharide component of mucins of *Trypanosoma cruzi*

Carola Gallo-Rodriguez, M. Agustina Gil-Libarona, Verónica M. Mendoza and Rosa M. de Lederkremer*

CIHIDECAR, Departamento de Química Orgánica, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires, Ciudad Universitaria, Pabellón II, 1428 Buenos Aires, Argentina

Tetrahedron 58 (2002) 9373

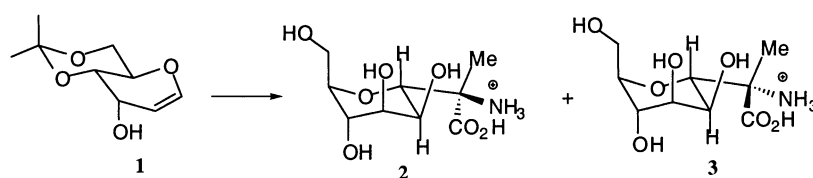


Practical stereoselective synthesis of α -D-C-mannosyl-(R)-alanine

Lino Colombo,* Marcello di Giacomo and Paola Ciceri

Dipartimento di Chimica Farmaceutica, Università di Pavia, via Taramelli 12, I-27100 Pavia, Italy

Tetrahedron 58 (2002) 9381



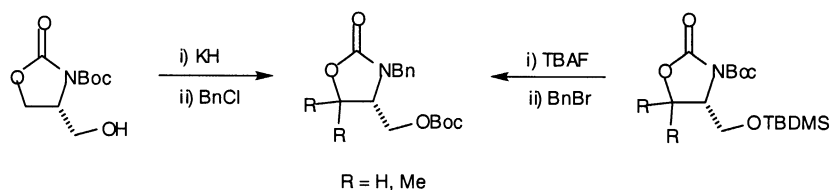
Rearrangements and racemisation during the synthesis of L-serine derived oxazolidin-2-ones

Sean P. Bew,^a Steven D. Bull,^a Stephen G. Davies,^{a,*} Edward D. Savory^a and David J. Watkin^b

^aDyson Perrins Laboratory, University of Oxford, South Parks Road, Oxford OX1 3QY, UK

^bDepartment of Chemical Crystallography, University of Oxford, Parks Road, Oxford OX1 3PD, UK

Tetrahedron 58 (2002) 9387



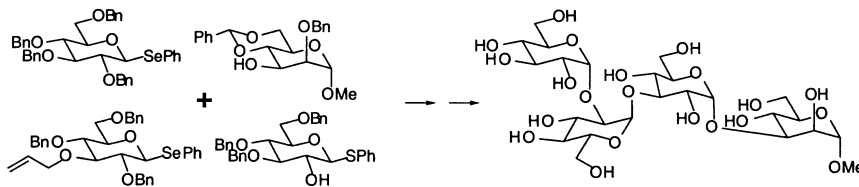
Total synthesis of the Glc₃Man *N*-glycan tetrasaccharide

S. C. Ennis,^a I. Cumpste^y,^a A. J. Fairbanks,^{a,*} T. D. Butters,^b M. Mackeen^b and M. R. Wormald^b

^aDyson Perrins Laboratory, Oxford University, South Parks Road, Oxford OX1 3QY, UK

^bDepartment of Biochemistry, Oxford Glycobiology Institute, University of Oxford, South Parks Road, Oxford OX1 3QU, UK

Tetrahedron 58 (2002) 9403



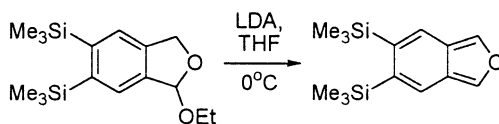
5,6-Bis(trimethylsilyl)benzo[*c*]furan: an isolable versatile building block for linear polycyclic aromatic compounds

Siu-Hin Chan, Chung-Yan Yick and Henry N. C. Wong*

Department of Chemistry and Central Laboratory of the Institute of Molecular Technology for Drug Discovery and Synthesis, The Chinese University of Hong Kong, Shatin, New Territories, Hong Kong SAR, People's Republic of China

The title molecule in neat state was synthesized and its reactivity was tested with various dienophiles.

Tetrahedron 58 (2002) 9413



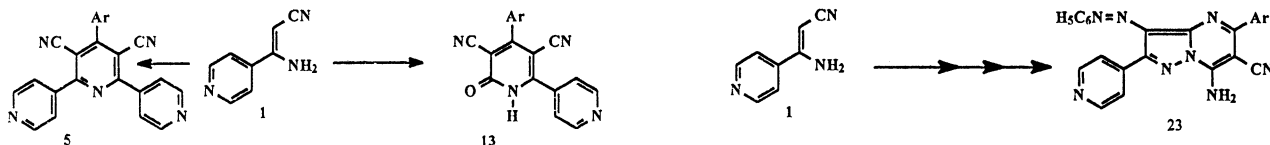
β -Amino- β -(pyrid-4-yl)acrylonitrile in heterocyclic synthesis: synthesis of some new pyridine, pyridone, pyrazole, thiophene, fused pyrimidine and triazine derivatives

Said A. S. Ghozlan^a and Abu Zeid A. Hassanien^{b,*}

^aDepartment of Chemistry, Faculty of Science, Cairo University, Giza, Egypt

^bDepartment of Chemistry, Faculty of Education, Suez Canal University, Arish, Egypt

Tetrahedron 58 (2002) 9423

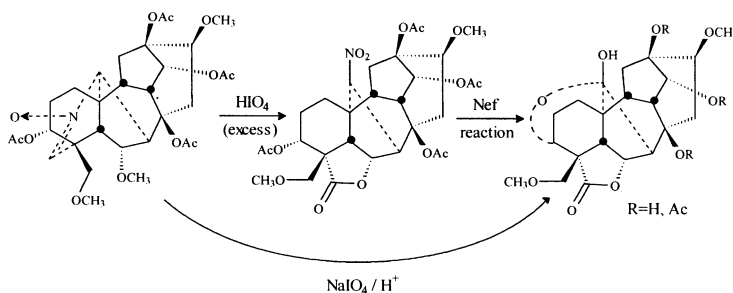


A novel conversion of norditerpenoid alkaloids into aconane-type diterpenes

Qiao-Hong Chen, Liang Xu and Feng-Peng Wang*

Department of Chemistry of Medicinal Natural Products, West China College of Pharmacy, Sichuan University, No. 17, Duan 3, Renmin Nan Road, Chengdu 610041, People's Republic of China

Tetrahedron 58 (2002) 9431



Total syntheses of lyngbyabellins A and B, potent cytotoxic lipopeptides from the marine cyanobacterium *Lyngbya majuscula*

Tetrahedron 58 (2002) 9445

Fumiaki Yokokawa, Hirofumi Sameshima, Daichi Katagiri, Toyohiko Aoyama and Takayuki Shioiri*

Graduate School of Pharmaceutical Sciences, Nagoya City University, Tanabedori, Mizuho-ku, Nagoya 467-8603, Japan

