

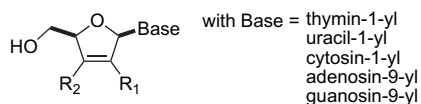
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REPORT

Synthesis of 2',3'-didehydro-2',3'-dideoxynucleosides having variations at either or both of the 2'- and 3'-positions

pp 9085–9107

Christophe Len* and Grahame Mackenzie



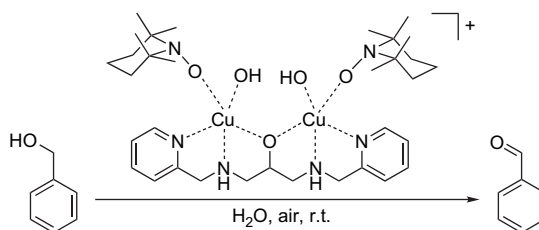
The synthesis of 2',3'-didehydro-2',3'-dideoxynucleosides having a branching group at either of the 2'- or 3'-positions other than a proton and branching groups at both of the 2'- and 3'-positions other than a proton is reviewed. The report contains 81 references.

ARTICLES

Aerobic oxidation of primary alcohols under mild aqueous conditions promoted by a dinuclear copper(II) complex

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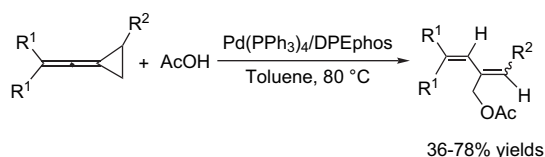
Susanne Striegler



Palladium-catalyzed reactions of vinylidenecyclopropanes with acetic acid

pp 9115–9122

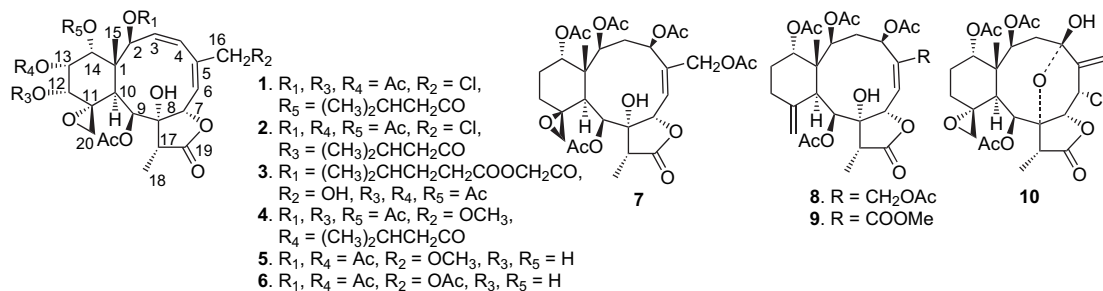
Jian-Mei Lu and Min Shi*



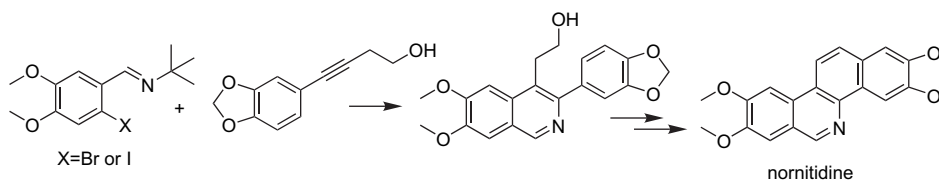
Pd(PPh₃)₄-catalyzed reactions of vinylidenecyclopropanes **1** with acetic acid proceeded smoothly at 80 °C in toluene to give the corresponding acetylated dienes **2** in moderate to good yields in the presence of DPEphos ligand.



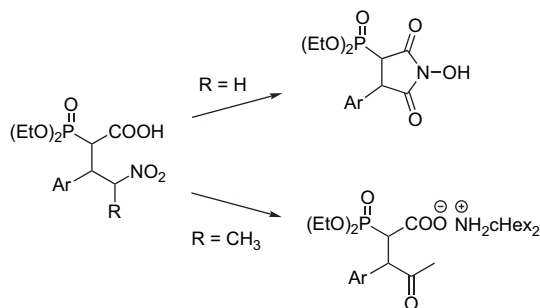
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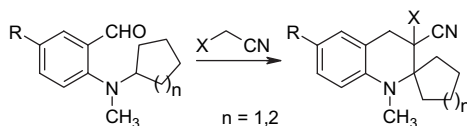
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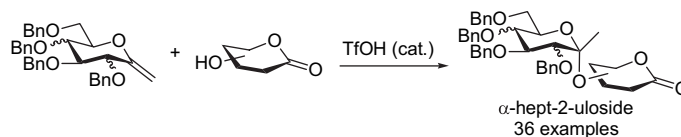
A novel *tert*-amino effect based approach to 1,2,3,4-tetrahydroquinoline-2-spirocycloalkanes pp 9146–9152
 Anton V. Tverdokhlebov,* Alexander P. Gorulya, Andrey A. Tolmachev, Alexander N. Kostyuk, Alexander N. Chernega and Eduard B. Rusanov



Synthesis of 1-deoxyhept-2-ulosyl-glycono-1,5-lactone utilizing α -selective O-glycosidation of 2,6-anhydro-1-deoxy-D-hept-1-enitols

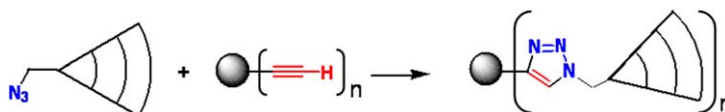
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Rie Namme, Takashi Mitsugi, Hideyo Takahashi, Moto Shiro and Shiro Ikegami*


Convergent synthesis of PAMAM dendrimers using click chemistry of azide-functionalized PAMAM dendrons

pp 9193–9200

Jae Wook Lee,* Jung Hwan Kim, Byung-Ku Kim, Ji Hyeon Kim, Won Suk Shin and Sung-Ho Jin

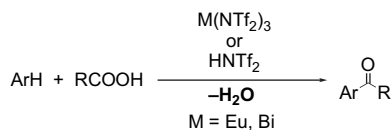


Azide-functionalized PAMAM dendrons were synthesized by the divergent method using azidopropylamine as an azide focal point and applied for the construction of symmetric PAMAM-like dendrimers containing 1,2,3-triazole rings as connectors via stitching with two multi-terminal alkynes. The stitching method was based on the click chemistry protocol, i.e., the copper-catalyzed cycloaddition reaction between an alkyne and an azide.

Friedel–Crafts acylation reaction using carboxylic acids as acylating agents

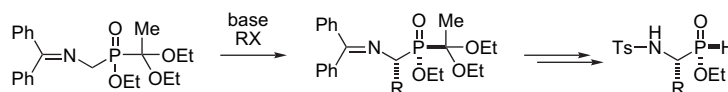
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Masato Kawamura, Dong-Mei Cui and Shigeru Shimada*


Diastereoselective alkylation of iminomethylenephosphinates possessing an asymmetric center at the phosphorus atom

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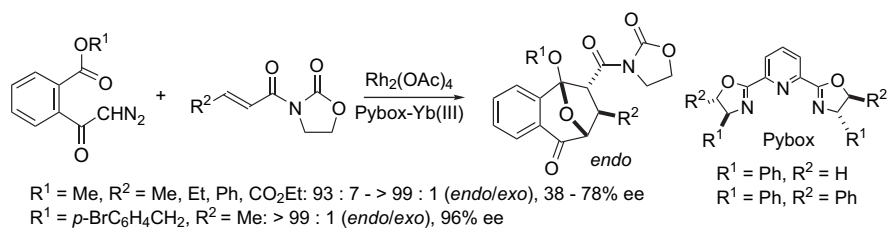
Takehiro Yamagishi, Terumitsu Haruki and Tsutomu Yokomatsu*



Asymmetric cycloaddition reactions between 2-benzopyrylium-4-olates and 3-(2-alkenoyl)-2-oxazolidinones in the presence of 2,6-bis(oxazoliny)pyridine-lanthanoid complexes

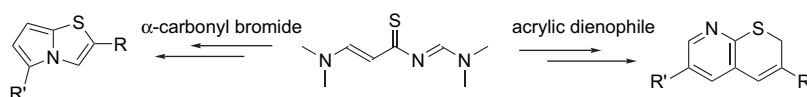
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Hiroyuki Suga,* Tomohiro Suzuki, Kei Inoue and Akikazu Kakehi


Unsymmetrical polyheteropolyene: a versatile building block for the preparation of pyrrolo[2,1-*b*]thiazoles and 2*H*-thiopyrano[2,3-*b*]pyridines

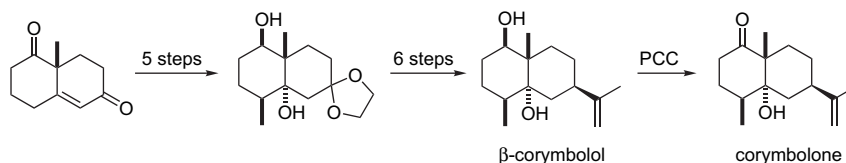
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Cyrille Landreau, Pascal Janvier, Karine Julienne, Jean Claude Meslin and David Deniaud*


Total syntheses of the sesquiterpenes β -corymbolol and corymbolone

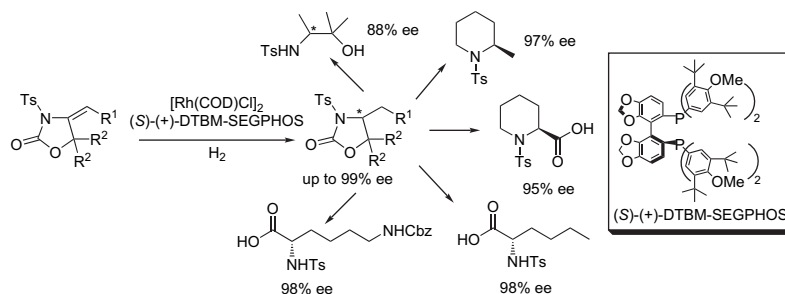
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Helena M. C. Ferraz,* Antonio J. C. Souza, Beatriz S. M. Tenius and Graziela G. Bianco


Highly enantioselective hydrogenation of exocyclic double bond of *N*-tosyloxazolidinones catalyzed by a neutral rhodium complex and its synthetic applications

pp 9237–9246

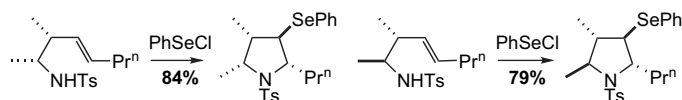
Zengming Shen, Xiyan Lu* and Aiwen Lei



Selenocyclisations of homoallylic sulfonamides: stereoselective methods for the elaboration of substituted pyrrolidines, pyrrolines and derivatives

pp 9247–9257

Andrew D. Jones, Adele L. Redfern, David W. Knight,* Ian R. Morgan and Andrew C. Williams

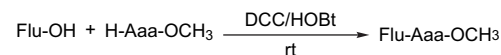


Selenocyclisations of the homoallylic sulfonamides usually proceed both very efficiently and high stereoselectively.

Carboxylic fused furans for amino acid fluorescent labelling

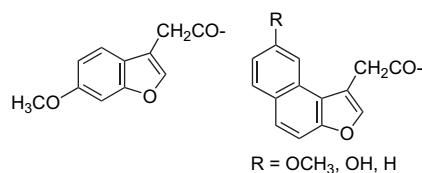
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Ana M. Piloto, Andrea S. C. Fonseca, Susana P. G. Costa and M. Sameiro T. Gonçalves*



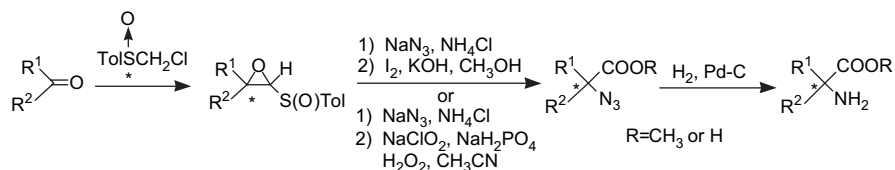
Aaa = **a** Phe, **b** Val, **c** Ala, **d** Gly, **e** Asp(OMe), **f** Glu(OMe)

Flu =


A synthesis of optically active α -quaternary α -amino acids and esters by assembling three components, ketones, (*R*)-chloromethyl *p*-tolyl sulfoxide, and sodium azide, via sulfinyloxiranes

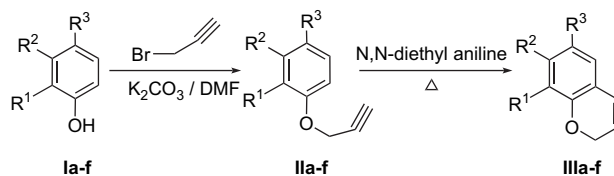
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Tsuyoshi Satoh,* Mizue Hirano, Akio Kuroiwa and Youhei Kaneko


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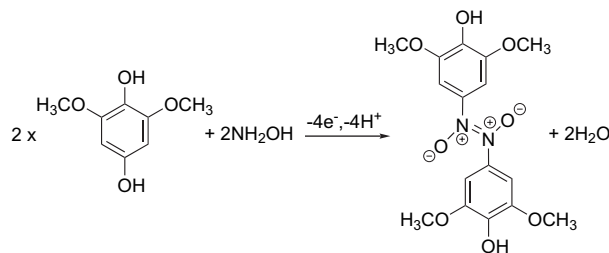
Rajesh S. Kenny, Uday C. Mashelkar,* Deepak M. Rane and Dinesh K. Bezawada



4,4'-Dihydroxy-3,3',5,5'-tetramethoxyazodioxybenzene: an unexpected dimer formed during hydroxylamine extractions of wheat flour

pp 9289–9293

R. E. Asenstorfer* and D. J. Mares

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*Corresponding author

i⁺ Supplementary data available via ScienceDirectFull text of this journal is available, on-line from **ScienceDirect**. Visit www.sciencedirect.com for more information.

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