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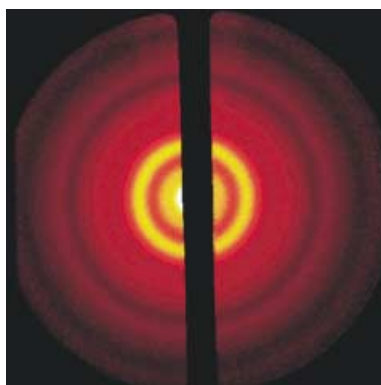
REVIEW

Ultrafast Electron Diffraction (UED)

A New Development for the 4D Determination of Transient Molecular Structures

*R. Srinivasan, V. A. Lobastov, C.-Y. Ruan, A. H. Zewail**

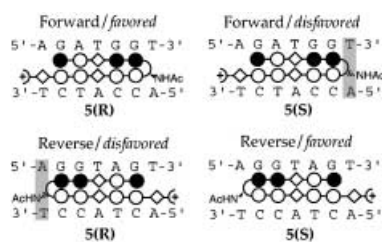
1761



Influence of β -Alanine on Hairpin Polyamide Orientation in the DNA Minor Groove

*V. C. Rucker, C. Melander, P. B. Dervan**

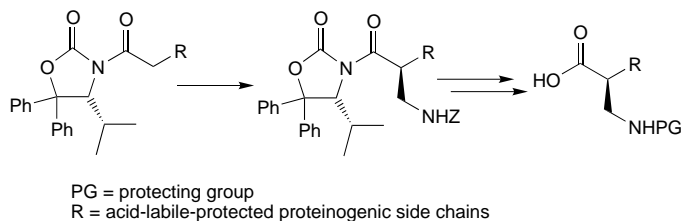
1839



Enantioselective Preparation of 2-Aminomethyl Carboxylic Acid Derivatives:
Solving the β^2 -Amino Acid Problem with the Chiral Auxiliary
4-Isopropyl-5,5-diphenyloxazolidin-2-one (DIOZ)
Preliminary Communication

D. Seebach, L. Schaeffer, F. Gessier, P. Bindschädler, C. Jäger, D. Josien, S. Kopp,
G. Lelais, Y. R. Mahajan, P. Micuch, R. Sebesta, B. W. Schweizer*

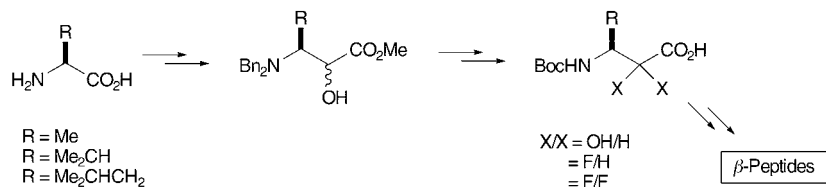
1852



Synthesis and CD Spectra of Fluoro- and Hydroxy-Substituted β -Peptides
Preliminary Communication

*F. Gessier, C. Noti, M. Rueping, D. Seebach**

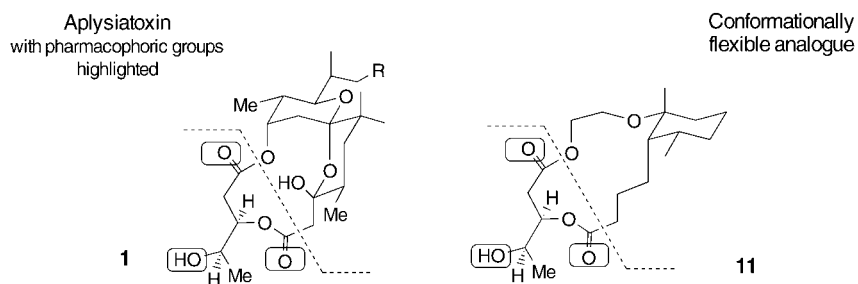
1862



Synthesis and Conformational Analysis of Macrocyclic Dilactones
Mimicking the Pharmacophore of Aplysiatoxin

*H. Knust, R. W. Hoffmann**

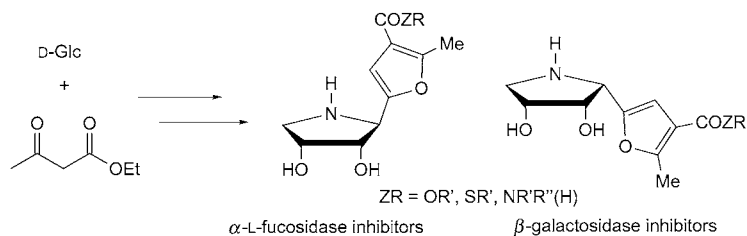
1871



Synthesis and Glycosidase Inhibitory Activities of 5-(1',4'-Dideoxy-1',4'-imino-D-erythro-2-methyl-3-furoic Acid (= 5-[(3*S*,4*R*)-3,4-Dihydroxypyrrolidin-2-yl]-2-methylfuran-3-carboxylic Acid) Derivatives: New Leads as Selective α -L-Fucosidase and β -Galactosidase Inhibitors

A. J. Moreno-Vargas, I. Robina*, R. Demange, P. Vogel*

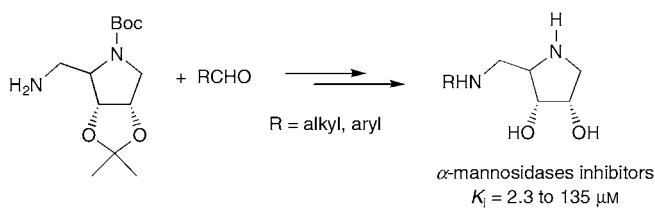
1894



Synthesis and α -Mannosidase Inhibitory Evaluation of (2*R*,3*R*,4*S*)- and (2*S*,3*R*,4*S*)-2-(Aminomethyl)pyrrolidine-3,4-diol Derivatives

F. Popowycz, S. Gerber-Lemaire, E. Rodriguez-García, C. Schütz, P. Vogel*

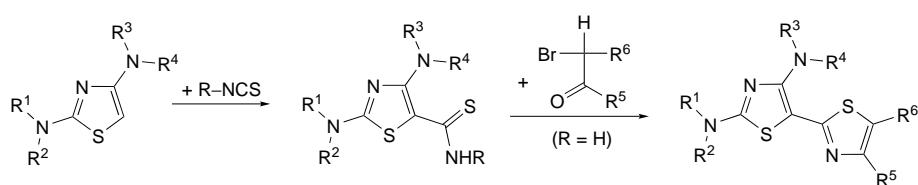
1914



On the Reaction of Thiazole-2,4-diamines with Isothiocyanates – Preparation and Transformation of 2,4-Diaminothiazole-5-carbothioamides

C. Hahnemann, H. Hartmann*

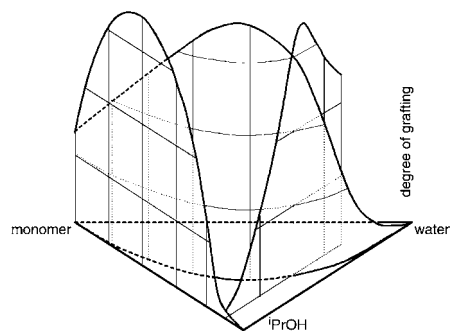
1949



Pre-Irradiation Grafting of Styrene/Divinylbenzene onto Poly(tetrafluoroethylene-co-hexafluoropropylene) from Non-Solvents

T. Rager

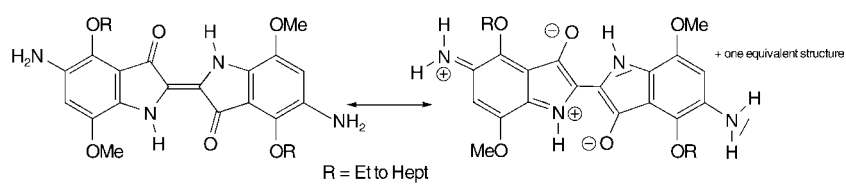
1966



Highly Soluble and Green Indigo Dyes: 4,4',7,7'-Tetraalkoxy-5,5'-diaminoindigotins

G. Voss*, M. Gradzielski, J. Heinze, H. Reinke, C. Unverzagt

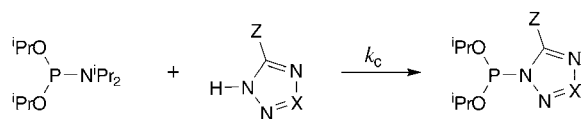
1982



The Effectivity of 1*H*-Triazoles and -Tetrazoles as Activators in Acid-Catalyzed Phosphoramidite Alcoholysis

E. J. Nurminen*, J. K. Mattinen, H. Lönnberg

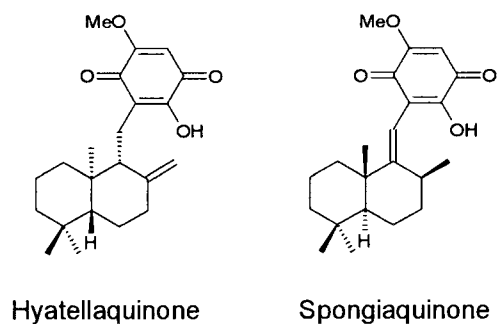
2005



Total Synthesis of the Marine Sesquiterpene Quinones Hyatellaquinone and Spongiaquinone

A. Bernet, J. Schröder, K. Seifert*

2009



New Glycosides from *Salvia moorcroftiana* (Lamiaceae)

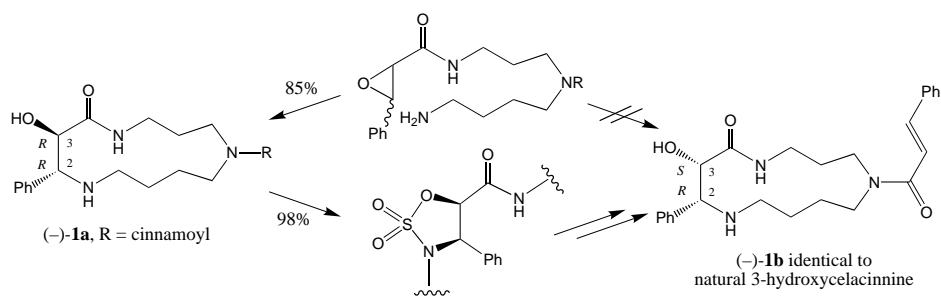
M. Zahid, M. Saeed, M. Asim, O. Ishrud, S. Wu, V. U. Ahmad, Y. Pan*

2021

Synthesis of the Spermidine Alkaloids (-)-(2*R*,3*R*)- and (-)-(2*R*,3*S*)-3-Hydroxycelacinnine: Macrocyclization with Oxirane-Ring Opening and Inversion *via* Cyclic Sulfamidates

N. A. Khanjin, M. Hesse*

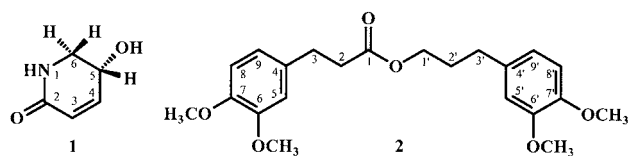
2028



Cytotoxic Constituents of *Piper sintonense*

J.-J. Chen*, C.-Y. Duh, H.-Y. Huang, I.-S. Chen*

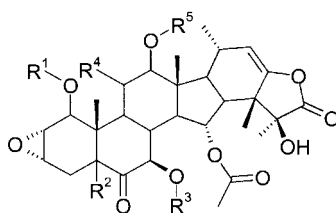
2058



Five Novel Taccalonolides from the Roots of the Vietnamese Plant *Tacca paxiana*

A. Mühlbauer*, S. Seip, A. Nowak, V. S. Tran

2065



Taccalonolide R: R¹ = MeCO, R² = OH, R³ = MeCO, R⁴ = H, R⁵ = MeCO

Taccalonolide S: R¹ = Me₂CHCO, R² = H, R³ = H, R⁴ = H, R⁵ = MeCO

Taccalonolide T: R¹ = Me₂CHCH₂CO, R² = OH, R³ = MeCO, R⁴ = H, R⁵ = MeCO

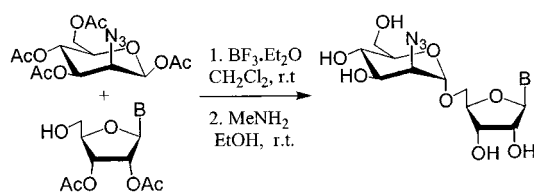
Taccalonolide U: R¹ = H, R² = OH, R³ = MeCO, R⁴ = H, R⁵ = MeCO

Taccalonolide V: R¹ = MeCO, R² = OH, R³ = MeCO, R⁴ = MeCOO, R⁵ = H

Synthesis of 5'-O-(2-Azido-2-deoxy- α -D-glycosyl)nucleosides and Their Antitumor Activities

G.-S. Zhang, J. Chen, J.-M. Min, L.-H. Zhang*

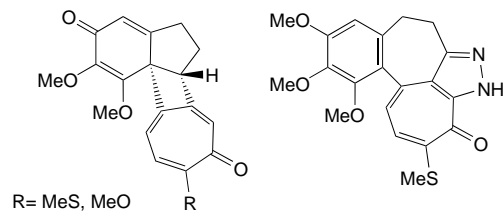
2073



New Tetracyclic Colchicinoids from the Reaction of *N*-Deacetylthiocolchicine and *N*-Deacetylcolchicine with Nitrous Acid and *tert*-Butyl Nitrite

*B. Danieli**, *G. Lesma*, *D. Passarella*, *D. Prosperi*, *A. Sacchetti*, *A. Silvani*, *R. Destro*,
E. May, *E. Bombardelli*

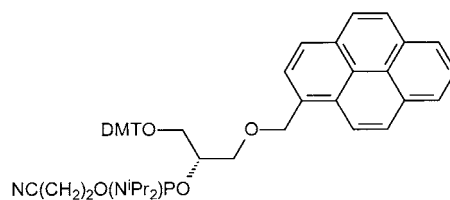
2082



Intercalating Nucleic Acids with Pyrene Nucleotide Analogues as Next-Nearest Neighbors for Excimer Fluorescence Detection of Single-Point Mutations under Nonstringent Hybridization Conditions

U. B. Christensen, *E. B. Pedersen**

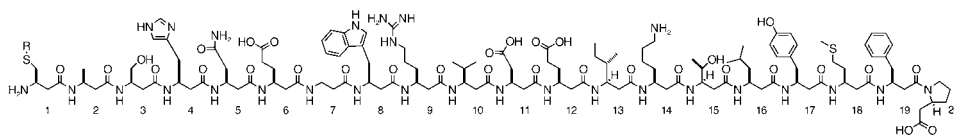
2090



Solid-Phase Synthesis of a β^3 -Icosapeptide Containing the Homologs of the Twenty Common Proteinaceous Amino Acids
Preliminary Communication

T. Kimmerlin, *D. Seebach**

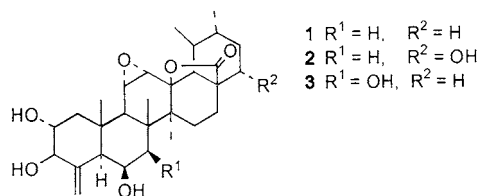
2098



Three Novel Triterpenoids from the Aerial Part of *Helwingia chinensis*

G.-F. Lai, Y.-F. Wang, C.-H. Lu, J.-X. Cao, Y.-L. Xu, S.-D. Luo*

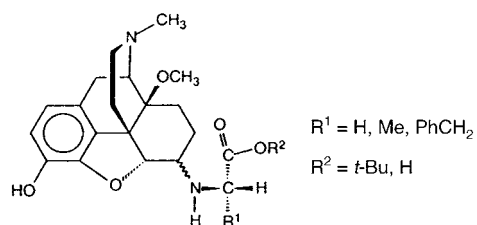
2136



Synthesis of 6-Amino Acid Substituted Derivatives of the Highly Potent Analgesic 14-*O*-Methyloxymorphone

J. Schütz, W. Brandt, M. Spetea, K. Wurst, G. Wunder, H. Schmidhammer*

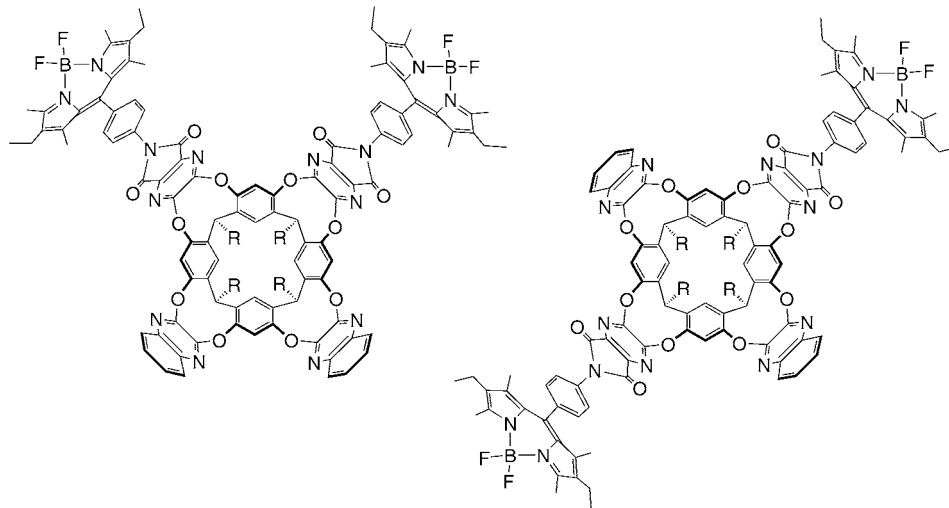
2142



Synthesis and Conformational Switching of Partially and Differentially Bridged Resorcin[4]arenes Bearing Fluorescent Dye Labels
Preliminary Communication

V. A. Azov, F. Diederich*, Y. Lill, B. Hecht*

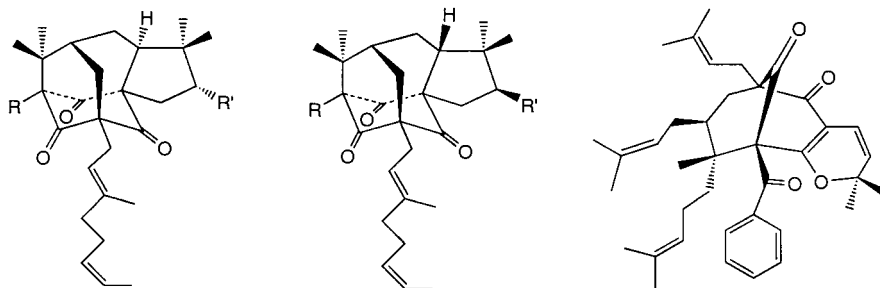
2149



Polyprenylated Phloroglucinol Derivatives from *Hypericum sampsonii*

Y.-L. Lin*, Y.-S. Wu

2156



1 R = ⁱPrCO, R' = isopropenyl
4 R = PhCO, R' = ⁱPr

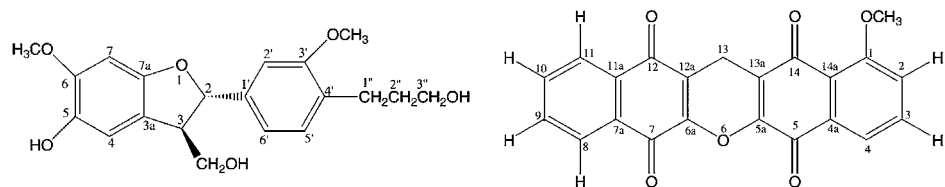
2 R = ⁱPrCO, R' = ⁱPr
3 R = ⁱPrCO, R' = H
5 R = PhCO, R' = ⁱPr

6

Two New and a Known Compound from *Lawsonia inermis*

B. S. Siddiqui*, M. N. Kardar, S. T. Ali, S. Khan

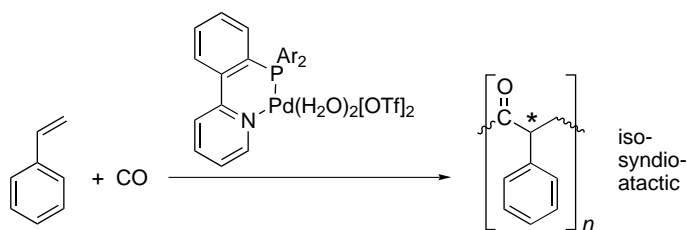
2164



Atropisomeric P^N Ligands for the Palladium-Catalyzed Copolymerization of Styrene with Carbon Monoxide
Preliminary Communication

A. Gsponer, G. Consiglio*

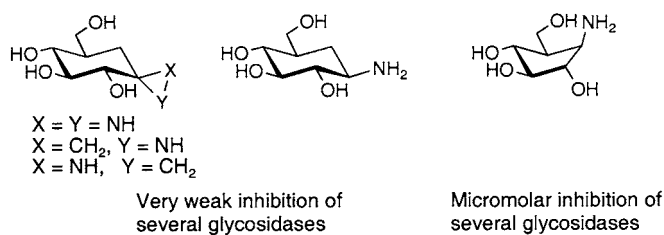
2170



Synthesis and Evaluation as Glycosidase Inhibitors of Carbasugar-Derived Spirodiaziridines, Spirodiazirines, and Spiroaziridines

*P. Kapferer, V. Birault, J.-F. Poisson, A. Vasella**

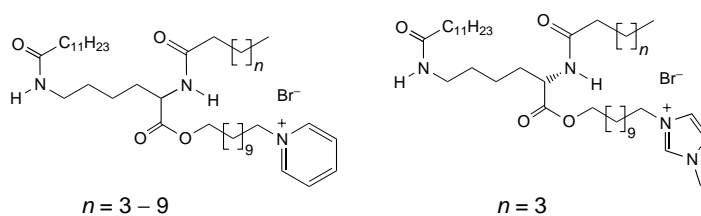
2210



Hydrogel Formation Using New L-Lysine-Based Low-Molecular-Weight Compounds with Positively Charged Pendant Chains

M. Suzuki, M. Yumoto, M. Kimura, H. Shirai, K. Hanabusa*

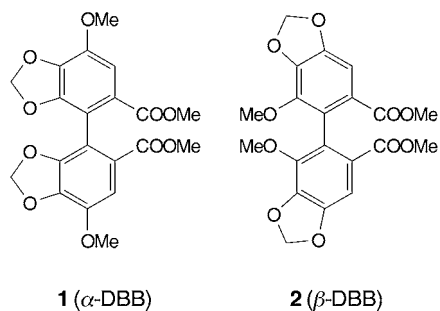
2228



Synthesis, Separation, and Theoretical Studies of Chiral Biphenyl Lignans (α - and β -DDB)

J. Chang, R. Chen, R. Guo, C. Dong, K. Zhao**

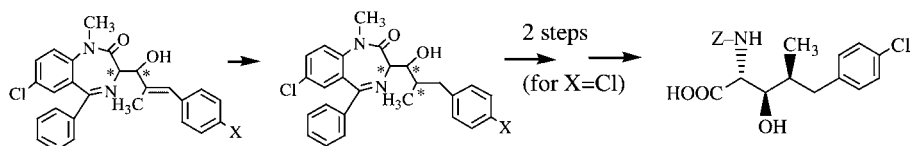
2239



Convenient Entry to α -Amino- β -hydroxy- γ -methyl Carboxylic Acids. Diastereoselective Formation and Directed Homogeneous Hydrogenation of 3-(3-Aryl-1-hydroxy-2-methylprop-2-enyl)-1,4-benzodiazepin-2-ones

Z. Hameršak, D. Gašo, S. Kovač, A. Hergold-Brundić, I. Vicković, V. Šunjić*

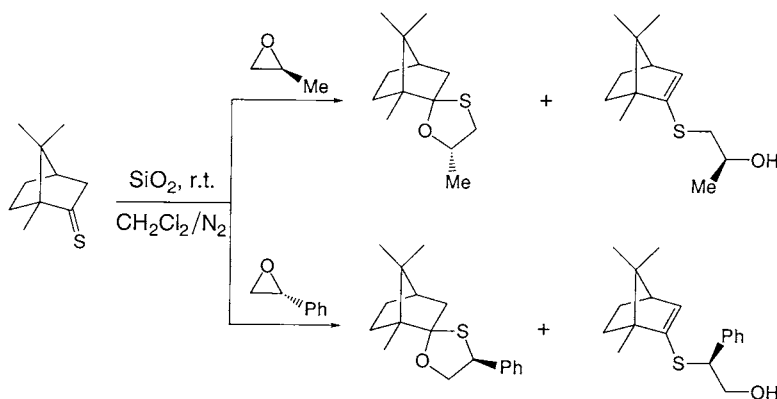
2247

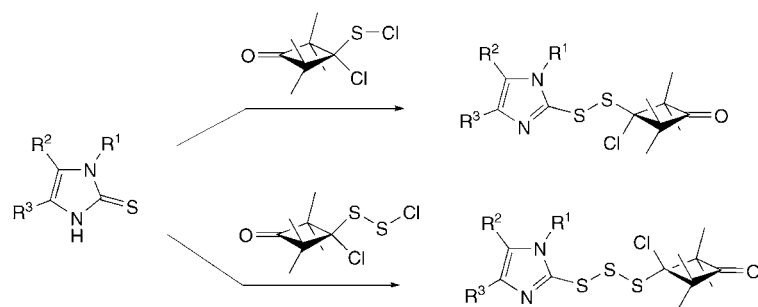


Regio- and Stereoselectivity of the SiO_2 -Catalyzed Reaction of Thiocamphor (= 1,7,7-Trimethylbicyclo[2.2.1]heptane-2-thione) with Optically Active Monosubstituted Oxiranes

C. Fu, A. Linden, H. Heimgartner*

2258





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Korrespondenzautor