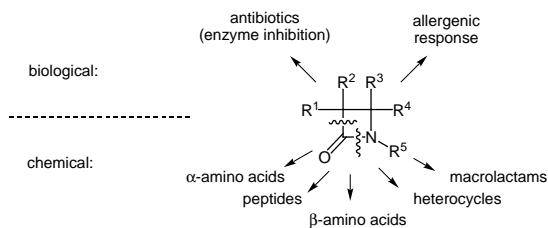


1813

β -Lactams as Versatile Intermediates in α - and β -Amino Acid Synthesis

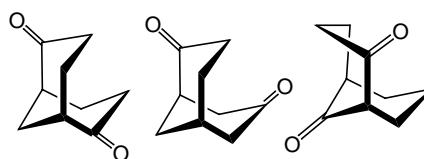
C. Palomo,* J. M. Aizpurua, I. Ganboa, M. Oiarbide



1827

Stereocontrolled Synthesis and Reactions of Bicyclo[3.3.1]nonanes

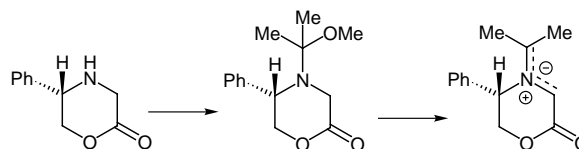
E. Butkus*



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An Acetone-derived Chiral Stabilised Azomethine Ylid: Synthesis of Enantiomerically Pure 5,5-Dimethylproline Derivatives

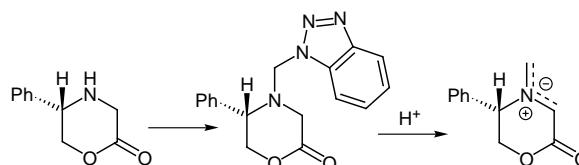
D. J. Aldous, M. G. B. Drew, E. M.-N. Hamelin, L. M. Harwood,*
A. B. Jahans, S. Thurairatnam



1841

N-(1'-Benzotriazolylmethyl)-5-phenylmorpholin-2-one: A Stable Crystalline Chiral Azomethine Ylid Precursor

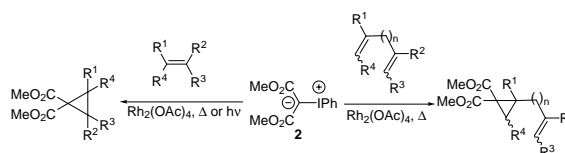
D. J. Aldous, E. M.-N. Hamelin, L. M. Harwood,* S. Thurairatnam



1843

Rh^{II} -Catalyzed Thermal Cyclopropanations of a Phenyliodonium Bis(carbomethoxy)methylide with Alkenes and Dienes

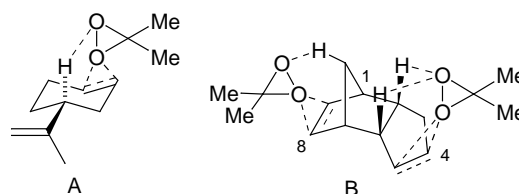
G. Georgakopoulou, C. Kalogiros, L. P. Hadjiarapoglou*



1847

Substrate-Induced Diastereoselectivity in the Dimethyldioxirane Epoxidation of Simple Alkenes and Dienes

A. Asouti, L. P. Hadjirapoglou*



1851

A High Yield Procedure for the $\text{Me}_3\text{SiNTf}_2$ -Induced Carbon-Carbon Bond-Forming Reactions of Silyl Nucleophiles with Carbonyl Compounds: The Importance of Addition Order and Solvent Effects

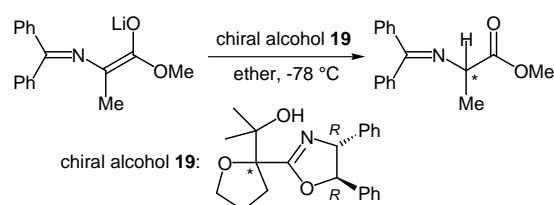
K. Ishihara, Y. Hiraiwa, H. Yamamoto*



1855

Asymmetric Protonation of Lithium Enolate of α -Amino Acid Derivatives using Chiral Brønsted Acids

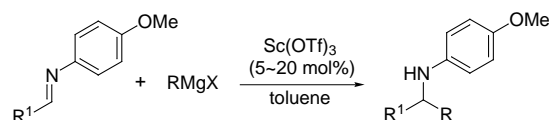
A. Yanagisawa, Y. Matsuzaki, H. Yamamoto*



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Nucleophilic Addition of Organomagnesiums to Aldimines: Scandium Triflate ($\text{Sc}(\text{OTf})_3$) as an Effective Catalyst

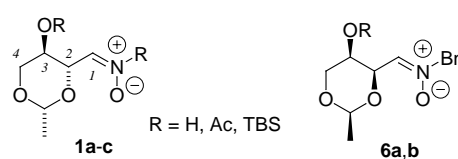
S. Saito, K. Hatanaka, H. Yamamoto*



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Stereoselectivity of 1,3-Dipolar Cycloadditions of D-Erythrose and D-Threose Derived Nitrones with Methyl Acrylate

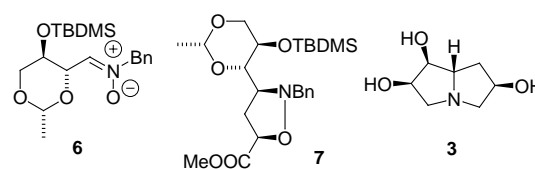
J. Kubáň, A. Kolarovič, L. Fišera,* V. Jäger,* O. Humpa, N. Prónayová, P. Ertl



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Synthesis of Trihydroxylated Pyrrolizidine using 1,3-Dipolar Cycloaddition of D-Erythrose Derived Nitrone

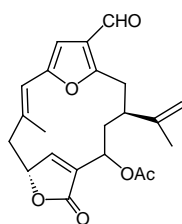
J. Kubáň, A. Kolarovič, L. Fišera,* V. Jäger,* O. Humpa, N. Prónayová



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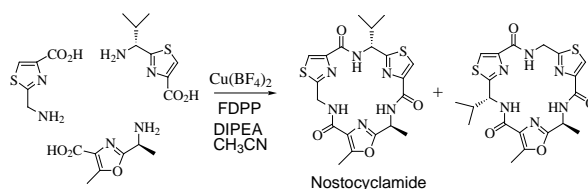
M. Cases, F. González-López de Turiso, G. Pattenden*



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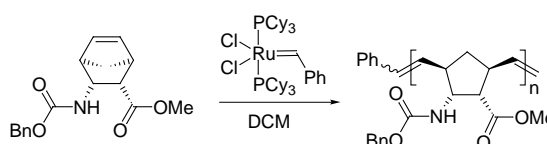
A. Bertram, G. Pattenden*



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Living Ring-Opening Metathesis Polymerization of Enantiopure Norbornene-type β -Amino Acid Derivatives

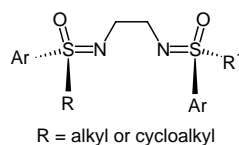
C. Bolm,* C. L. Dinter, I. Schiffers, L. Defrère



1878

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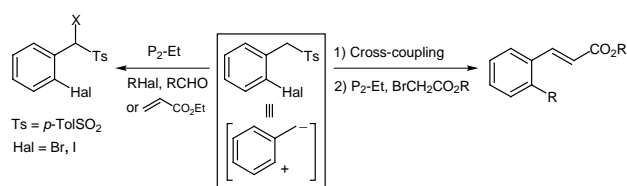
C. Bolm,* O. Simić, M. Martin



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P₂-Et-Mediated Deprotonation of *ortho*-Halobenzyl Sulfones: Synthetic Applications as Zwitterionic Synthons

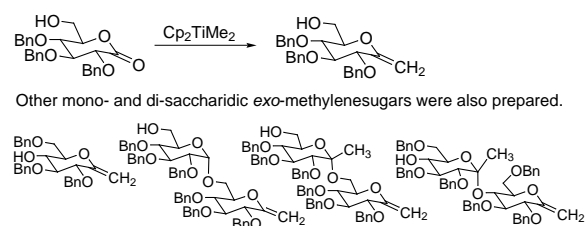
A. Costa, C. Nájera,* J. M. Sansano



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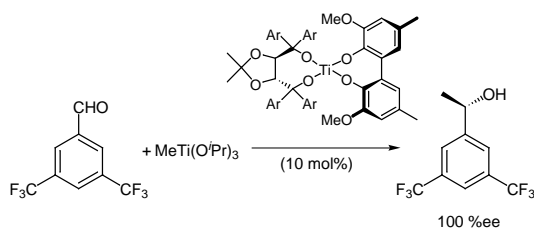
X. Li, H. Ohtake, H. Takahashi, S. Ikegami*



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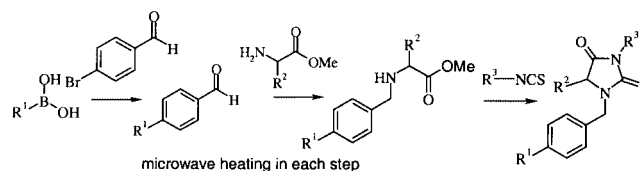
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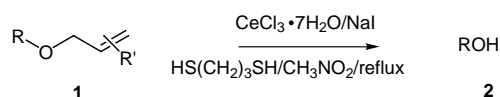
L. Öhberg,* J. Westman*



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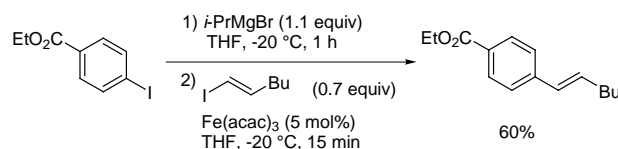
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1901

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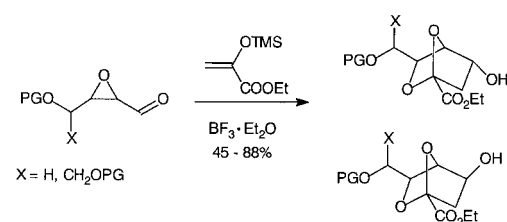
W. Dohle, F. Kopp, G. Cahiez,* P. Knochel*



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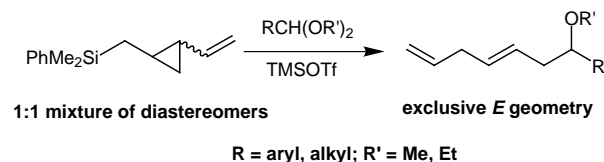
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1909

The Cyclopropylmethylsilane Terminated Prins Reaction: Stereoelectronic Controlled Formation of (*E*)-Skipped Dienes

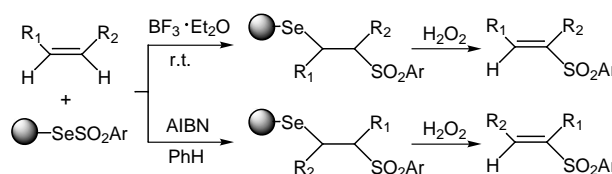
D. C. Braddock,* D. M. Badine, T. Gottschalk



1913

Polystyrene-Supported Selenosulfonates: Efficient Reagents for Regio- and Stereocontrolled Synthesis of Vinyl Sulfones

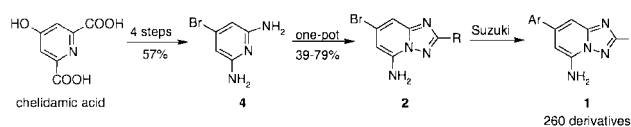
H. Qian, X. Huang*



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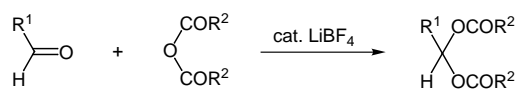
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Conversion of Aldehydes into Geminal Dicarboxylates (Acylals) Catalyzed by Lithium Tetrafluoroborate

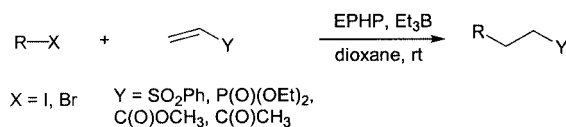
N. Sumida, K. Nishioka, T. Sato*



1923

1-Ethylpiperidium Hypophosphite: A Practical Mediator for Radical Carbon-Carbon Bond Formation

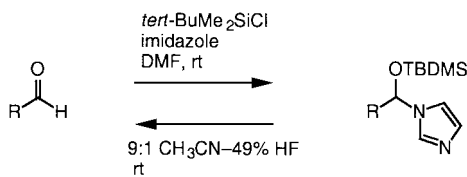
D. O. Jang,* D. H. Cho, C.-M. Chung



1925

A Convenient Protecting Group for Aldehydes

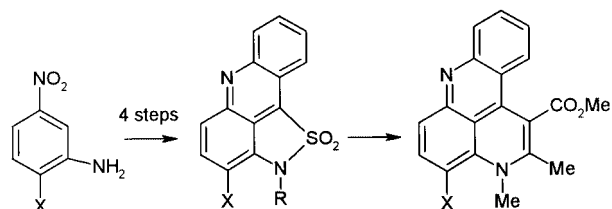
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1927

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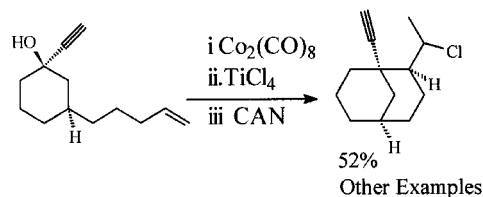
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1929

The Synthesis of Bridged and Fused Ring Carbocycles Using a Novel Variation of an *Intramolecular Nicholas Reaction*

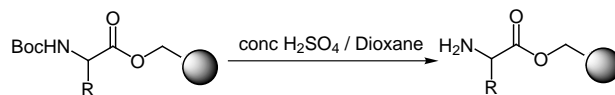
E. Tyrrell,* G. A. Skinner, T. Bashir



1932

A Method for Selective N-Boc Deprotection on Wang Resin

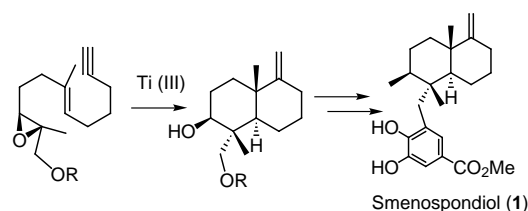
H. S. Trivedi,* M. Anson, P. G. Steel, J. Worley



1935

Total Synthesis of (\pm)-Smenospondiol by Titanium(III)-Mediated Tandem Radical Cyclization

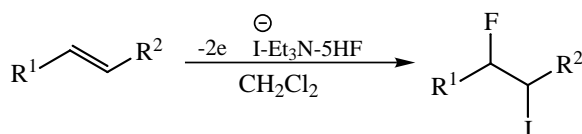
Y. Haruo, T. Hasegawa, H. Tanaka, T. Takahashi*



1938

Iodofluorination of Alkenes and Alkyne using Electrochemically Generated Iodonium Cation

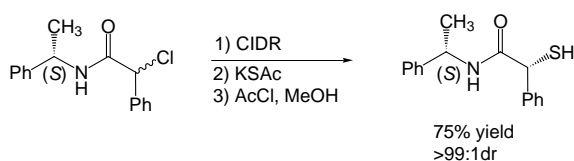
S. Kobayashi, M. Sawaguchi, S. Ayuba, T. Fukuhara, S. Hara*



1941

NH₄OH-promoted Crystallization Induced Dynamic Resolution of *N*-(*S*)-(1-Phenylethyl)- α -chloro- α -aryl Acetamides for Asymmetric Syntheses of α -Mercapto Carboxylic Acid Derivatives

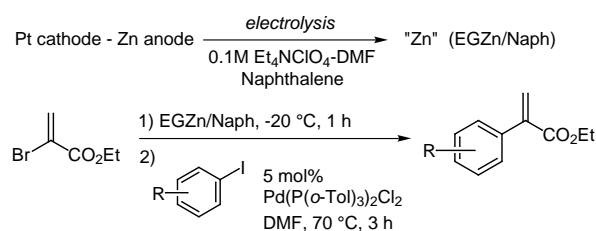
S-k. Lee, S. Y. Lee, Y. S. Park*



1944

Facile Synthesis of 2-Arylpropenoic Acid Esters by Cross-coupling Using Electrogenerated Highly Reactive Zinc and a Palladium Catalyst

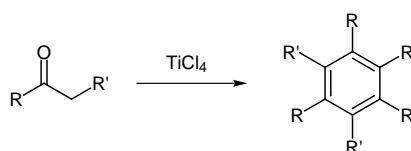
A. A. Jalil, N. Kurono, M. Tokuda*



1947

Triple Self-Condensation of Ketones Yielding Aromatics Promoted with Titanium Tetrachloride

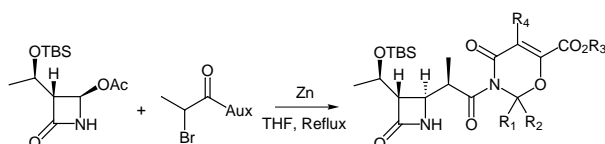
Z. Li, W.-H. Sun,* X. Jin, C. Shao



1950

2,3-Dihydro-4H-1,3-oxazin-4-ones, Novel Auxiliaries for the Stereoselective Synthesis of 1β-methylcarbapenems

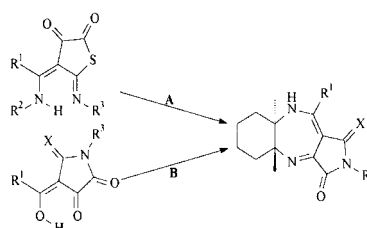
D. K. Pyun, W. J. Jeong, H. J. Jung, J. H. Kim, J. S. Lee, C. H. Lee, B. J. Kim*



1953

Efficient Synthesis of Pyrrolo[3,4-b]hexahydro-1H-1,5-benzodiazepine Derivatives

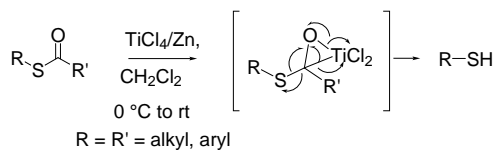
B. Zaleska,* D. Cież, J. Lech



1956

The Selective Deprotection of Thioesters Using Titanium(IV) Chloride/Zinc

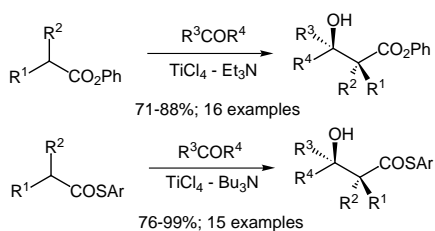
C. K. Jin, H. J. Jeong, M. K. Kim, J. Y. Kim, Y.-J. Yoon, S.-G. Lee*



1959

Powerful Stereoselective Aldol-type Additions of Phenyl and Phenylthio Esters with Aldehydes or Ketones Mediated by TiCl₄/Amine Reagent

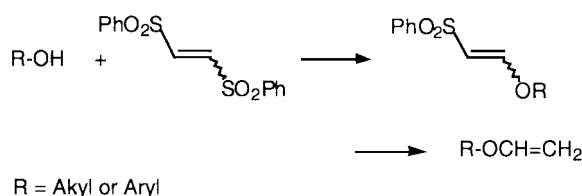
Y. Tanabe,* N. Matsumoto, S. Funakoshi, N. Manta



1962

A New Convenient Synthesis of Ethenyl Ethers

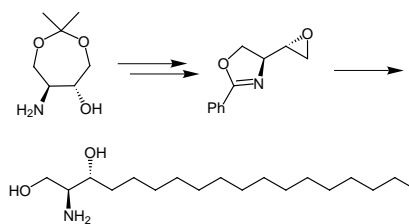
E. Cabianca, F. Chéry, P. Rollin,* S. Cossu, O. D. Lucchi*



1965

A Highly Efficient and Versatile Synthesis of D- and L-erythro-Sphinganine

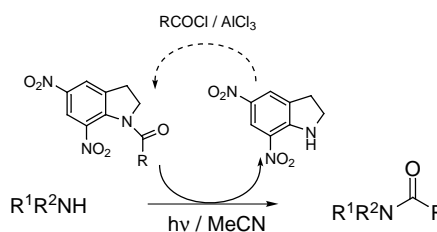
C. Hertweck,* P. Šebek, A. Svatoš



1968

Preparation of Secondary and Tertiary Amides under Neutral Conditions by Photochemical Acylation of Amines

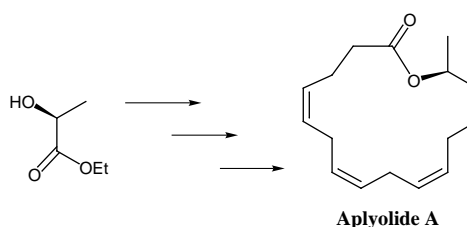
C. Helgen, C. G. Bochet*



1971

Synthesis of Aplyolide A, Ichthyotoxic Macrolide Isolated from the Skin of the Marine Mollusk *Aplysia depilans*

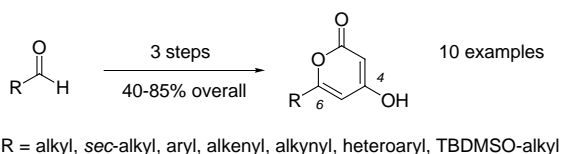
A. Spinella,* T. Caruso, M. Martino, C. Sessa



1974

Synthesis of 6-Substituted 4-Hydroxy-2-pyrones from Aldehydes by Addition of an Acetoacetate Equivalent, Dess–Martin Oxidation and Subsequent Cyclization

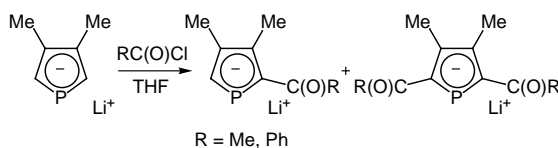
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A Simple Access to 2-Acyl- and 2,5-Diacyl-Phospholide Ions

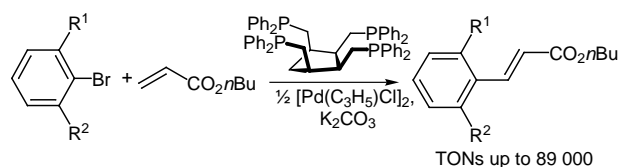
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1980

Palladium/Tetraphosphine Catalysed Heck Reaction with *ortho*-Substituted Aryl Bromides

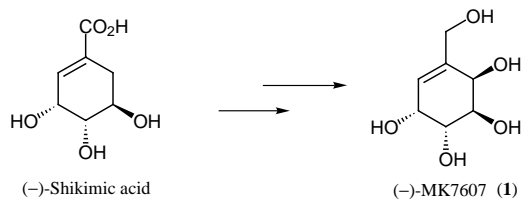
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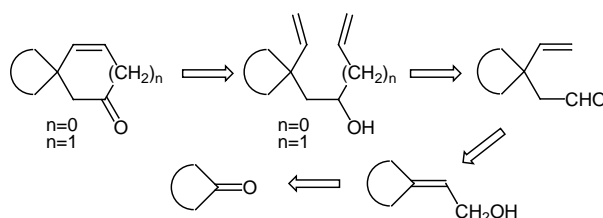
1983

Syntheses of (-)-MK7607 and Other Carbasugars from (-)-Shikimic Acid

C. Song, S. Jiang, G. Singh*



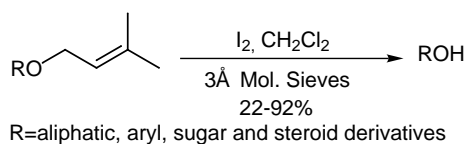
1986

A Ring Closing Metathesis Based Approach for the Spiroannulation of Cyclopentanes and Cyclohexanes. Formal Synthesis of (\pm)-AcoronesA. Srikrishna,* M. Srinivasa Rao, S. J. Gharpure,
N. Chandrasekhar Babu

1989

Iodine in Dichloromethane – A Simple Method for Selective Cleavage of Prenyl Ethers

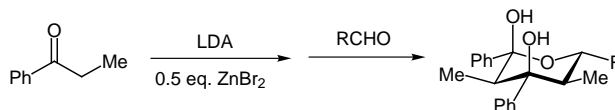
J.-M. Vatele*



1992

Aldolases as Leitmotiv – A Nonenzymatic Domino Aldol Reaction Triggered by Zinc Bisenolate and Polyenolate (ate) Complexes

M. Schmittel,* M. K. Ghorai



1995

Di-tert-butyl Dicarbonate (Boc-anhydride, Boc₂O)

Compiled by Debendra K. Mohapatra

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1997

Errata

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