

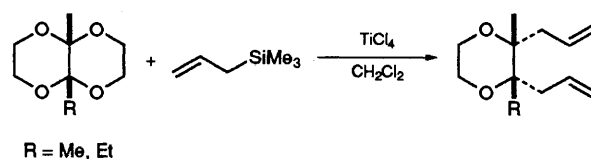
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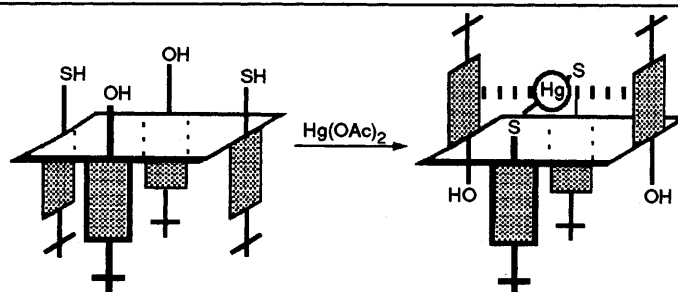
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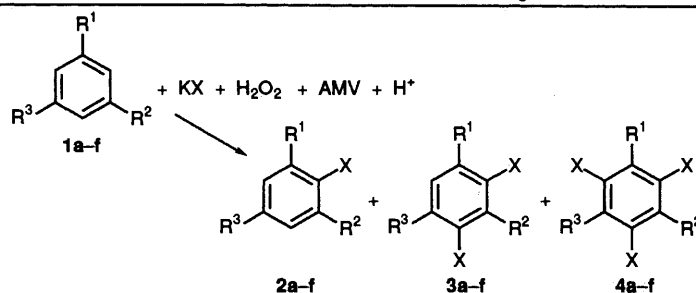
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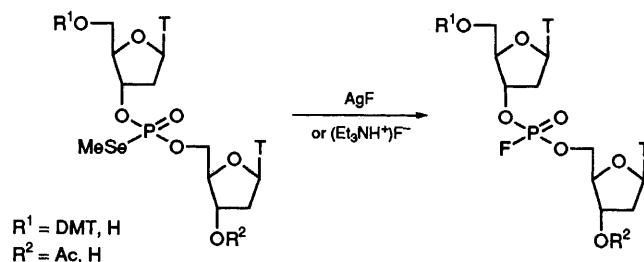
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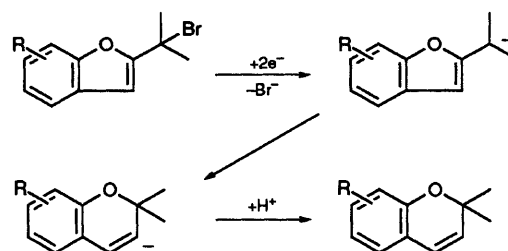
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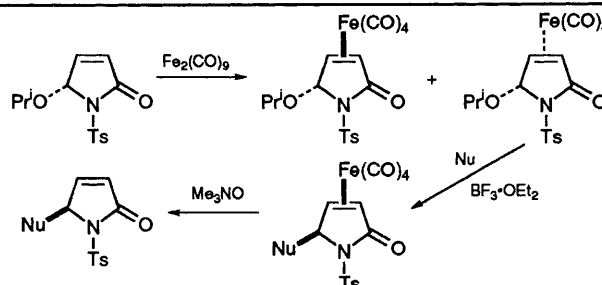
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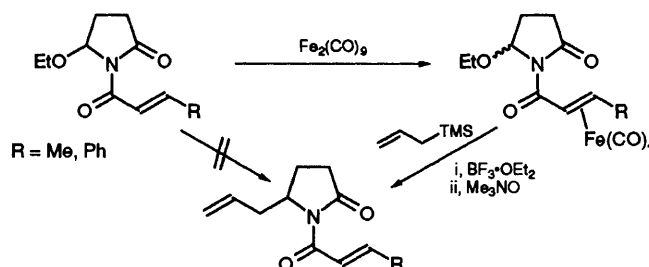
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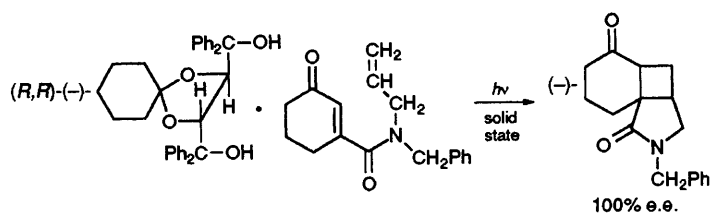
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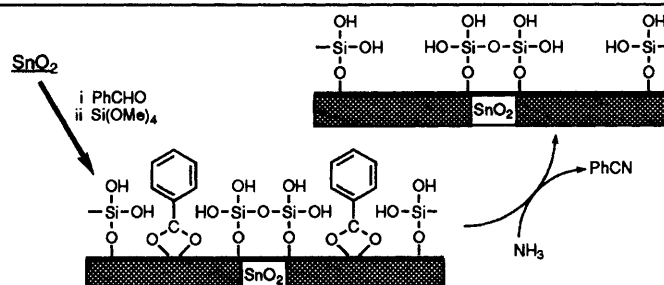
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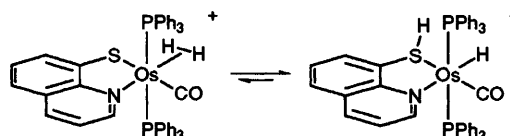
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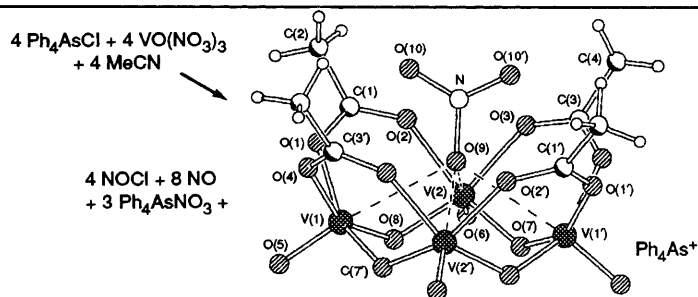
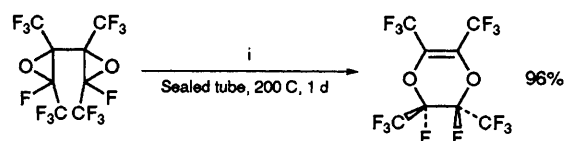
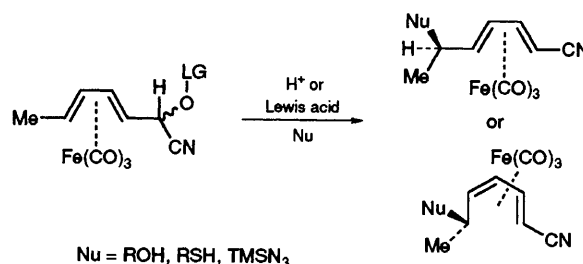
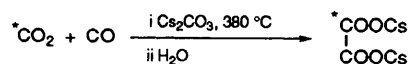
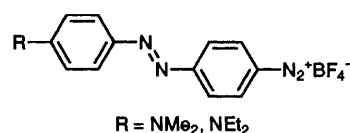
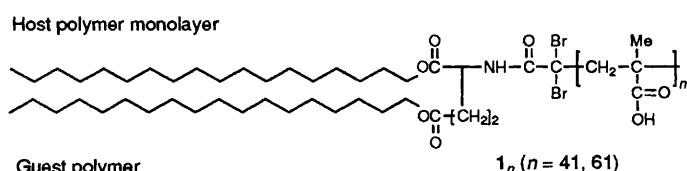


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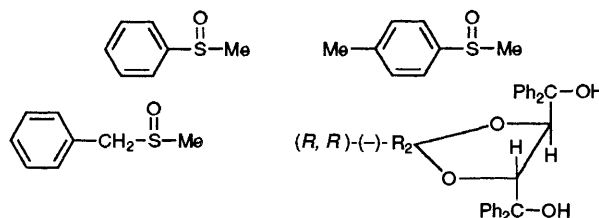


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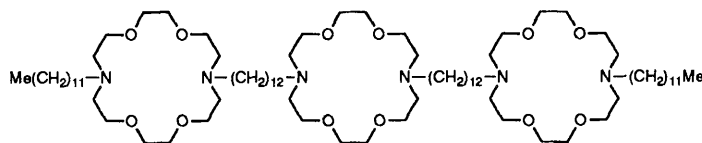
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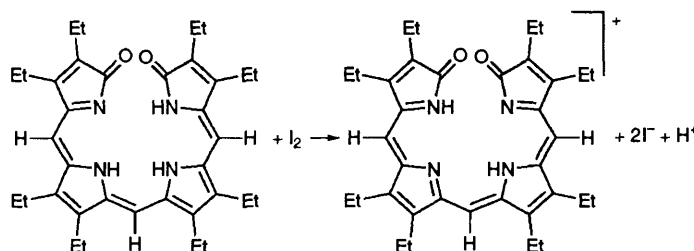
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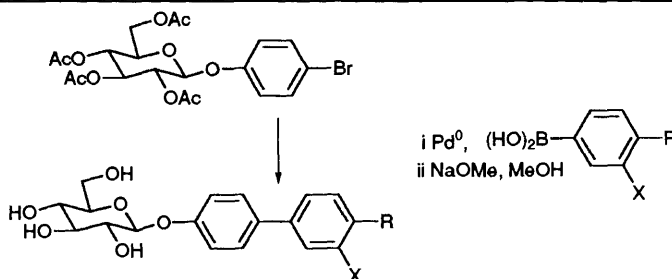
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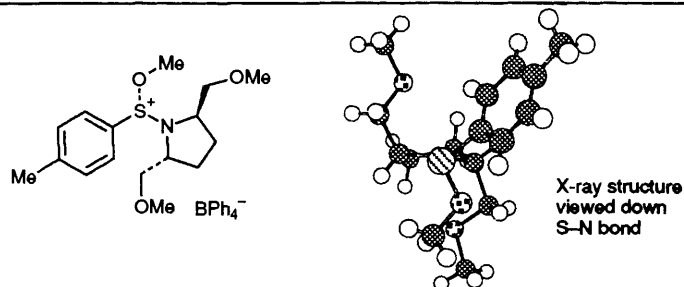
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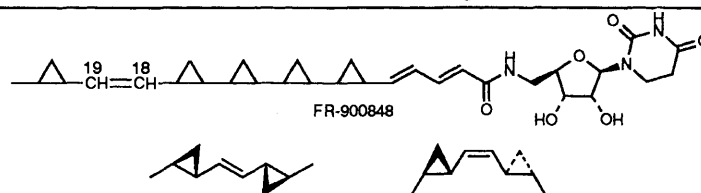
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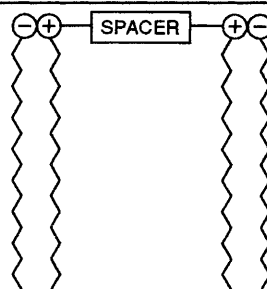


Preparation and characterization of structural models (*E*)- and (*Z*)-1,2-bis[(1*S*,2*S*)-2-methylcyclopropyl]ethene has determined that the geometry of the dicyclopropylethene unit of FR-900848 is *trans*.

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- 651 **Vesicle Formation from Dimeric Surfactants through Ion-pairing. Adjustment of Polar Headgroup Separation leads to Control over Vesicular Thermotropic Properties**

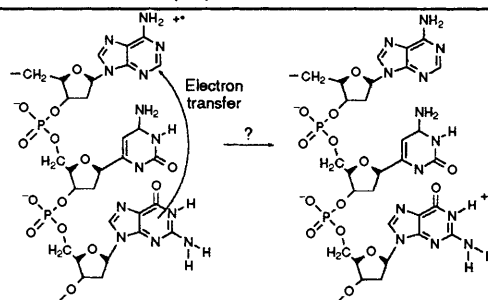
Santanu Bhattacharya, Soma De



Variation in spacer length leads to dramatic control over the vesicular thermotropic properties.

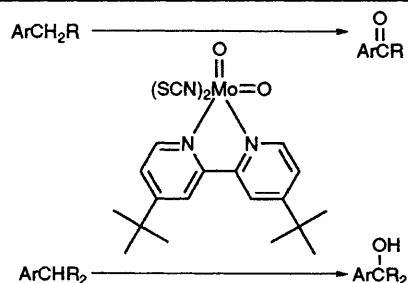
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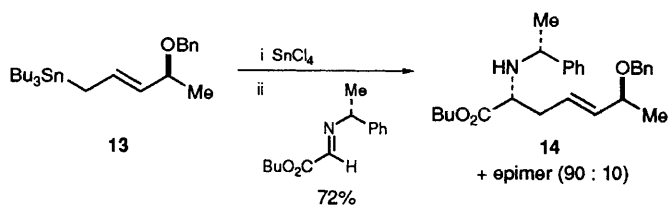
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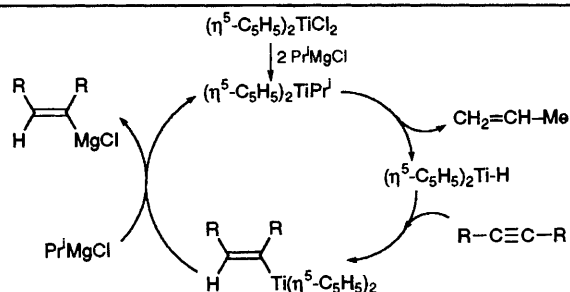
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- 659 **On the Mechanism of Titanocenedichloride-catalysed Hydromagnesiation of Alkynes with Alkyl Grignard Reagents**

Yuan Gao, Fumie Sato



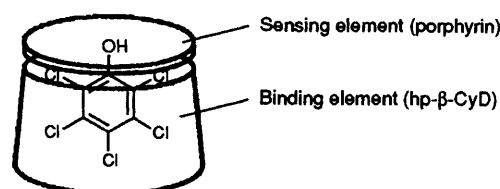
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Alessandro Padova, Stanley M. Roberts, Daniele Donati, Carla Marchioro, Alcide Perboni



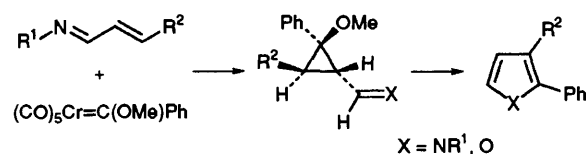
The readily available lactam **1** was converted into the fluoro-tribactam **2**. The latter compound decomposes in water to form an imino acid.

663 A Cyclodextrin–Porphyrin Assembly as Chemosensor for Pentachlorophenol



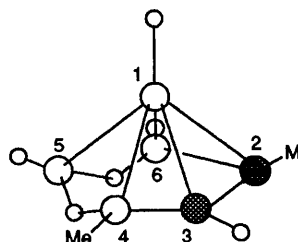
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José Barluenga, Miguel Tomás, José A. López-Peigrín, Eduardo Rubio

667 Re-identification of the Major Volatile Carbaboranes from the Gas-phase Reactions of Tetraborane(10) and Alkynes at 50 °C



Compounds previously thought to be tricarba-hexaborane(7) derivatives, *e.g.* 2,3-Me₂-2,3,4-C₃B₃H₅, are now shown to be new dicarba-hexaborane(8) derivatives, *e.g.* 2,4-Me₂-2,3-C₂B₄H₆ (left). Only one *nido*-2,3,4-tricarba-hexaborane species, 2-Me-2,3,4-C₃B₃H₆ has in fact been well characterised.

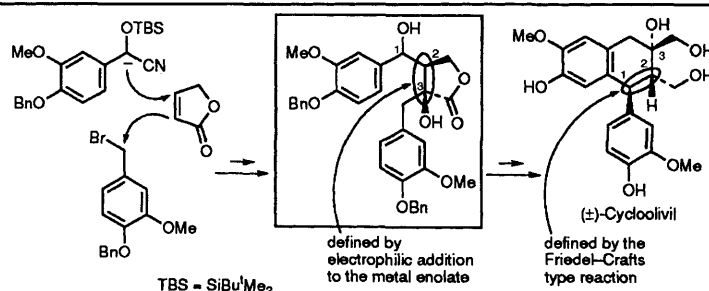
Mark A. Fox, Robert Greatrex

669 Peptide Assembly in the Absence of Base *via* Fmoc Amino Acid Fluorides

Fmoc amino acid fluorides are highly efficient reagents for peptide assembly in the absence of tertiary bases, the presence of which may cause a variety of side reactions.

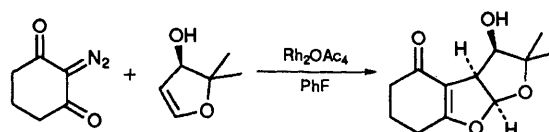
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671 The First Synthesis of (±)-Cycloolivil: A Highly Stereoselective Synthesis of 3-Hydroxy-1-aryltetralin Lignans Based on the Stereoselective Hydroxylation of α,β-Dibenzyl-γ-butyrolactones



Yasunori Moritani, Tatsuzo Ukita, Hiroshi Ohmizu, Tameo Iwasaki

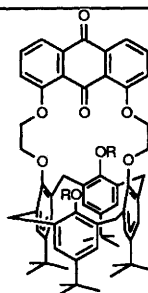
673 Hydroxy Direction of the Rhodium-mediated Dipolar Cycloaddition of Cyclic Carbenoids with Vinyl Ethers



Michael C. Pirrung, Yong Rok Lee

- 675 **Selectivity in Redox-switched Calix[4]arene Cationophores: Electrochemical Detection of a Conformational Change on Cation Binding**

Donald Bethell, Gary Dougherty, Domenico C. Cupertino

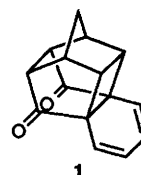


Compounds of type 1 show large enhancements of binding of alkali-metal cations on one-electron reduction; for K^+ with 1a but not in other cases cation binding is accompanied by a conformational change from cone to partial cone.

1a R = Me
b R = CH_2CO_2Et
c R = CH_2CONEt_2
d R = H

- 677 **Singlet Oxygen Additions to Hexacyclo-[10.2.1.0^{2,11}.0^{4,9}.0^{4,14}.0^{9,13}]pentadeca-5,7-dien-3,10-diones. A Remarkable Substituent Effect on π -Face Selectivity Induced by Transition State Geometric Distortions**

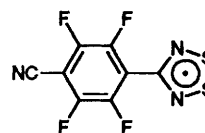
Goverdhan Mehta, Uma R. Subramanian, Animesh Pramanik, Jayaraman Chandrasekhar, Munirathnam Nethaji



The carbonyl face selectivity in singlet oxygen addition to 1 is reversed by 1,4-dimethoxy or -diacetoxy substitution at the diene.

- 679 **The First Solid State Paramagnetic 1,2,3,5-Dithiadiazolyl Radical; X-Ray Crystal Structure of [*p*-NCC₆F₄CN[•]SSN]**

Arthur J. Banister, Neil Bricklebank, William Clegg, Mark R. J. Elsegood, Christopher I. Gregory, Ian Lavender, Jeremy M. Rawson, Brian K. Tanner

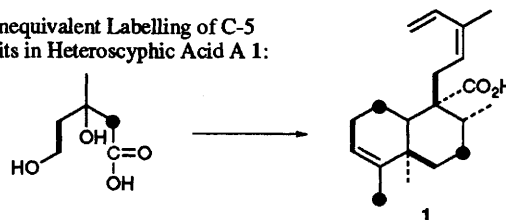


The crystal structure of the novel fluorinated 1,2,3,5-dithiadiazolyl radical, [*p*-NCC₆F₄CN[•]SSN], reveals it to be the first dithiadiazolyl radical to retain its paramagnetic character in the solid state; this is confirmed by variable temperature magnetic data.

- 681 **Biosynthesis of Heteroscyphic Acid A in Cell Cultures of *Heteroscyphus planus*: Nonequivalent Labelling of C-5 Units in Diterpene Biosynthesis**

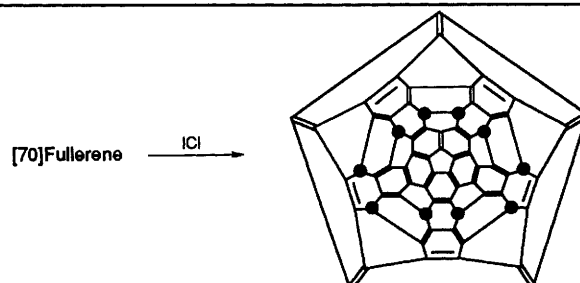
Kensuke Nabeta, Takehiro Ishikawa, Teruki Kawae, Hiroshi Okuyama

Nonequivalent Labelling of C-5 Units in Heteroscyphic Acid A 1:



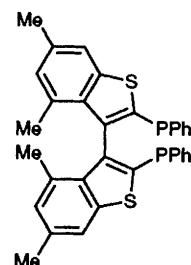
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Paul R. Birkett, Anthony G. Avent, Adam D. Darwish, Harold W. Kroto, Roger Taylor, David R. M. Walton



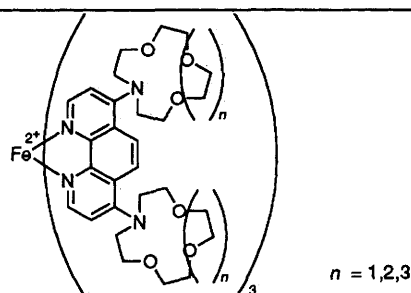
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Tiziana Benincori, Elisabetta Brenna, Franco Sannicoló, Licia Trimarco, Patrizia Antognazza, Edoardo Cesarotti



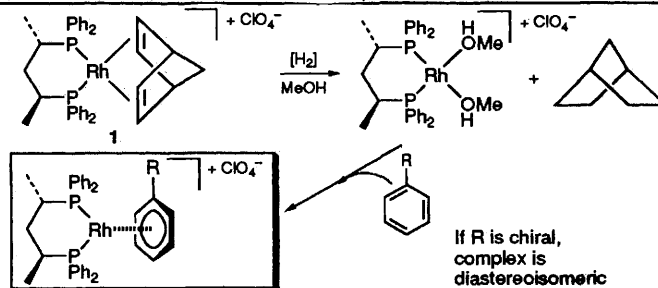
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Michael Schmittl, Horst Ammon



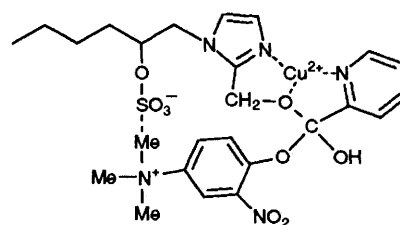
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Jillian M. Buriak, John A. Osborn



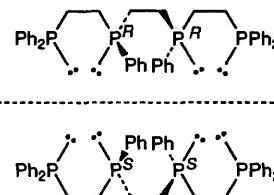
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Kenji Ogino, Hiroaki Yamamoto, Toshiharu Yoshida, Waichiro Tagaki



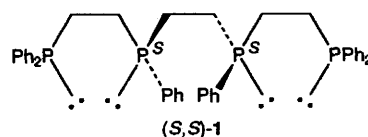
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Anthea L. Airey, Gerhard F. Swiegers, Anthony C. Willis, S. Bruce Wild



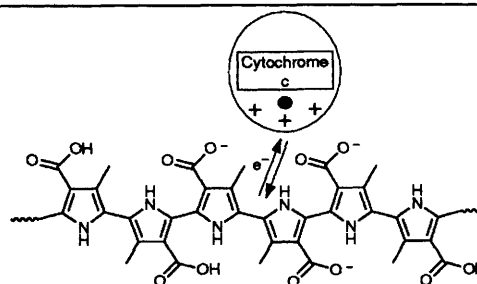
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Anthea L. Airey, Gerhard F. Swiegers, Anthony C. Willis, S. Bruce Wild

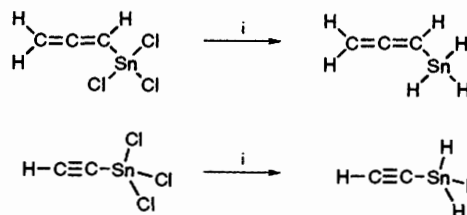


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Jon. M. Cooper, David G. Morris, Karl S. Ryder



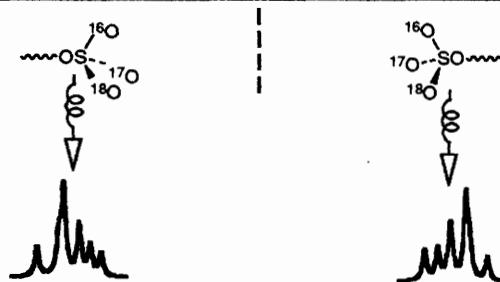
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Laurent Lassalle, Tajdine Janati, Jean-Claude Guillemin

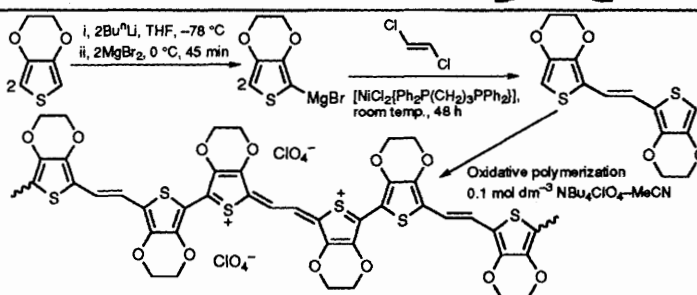
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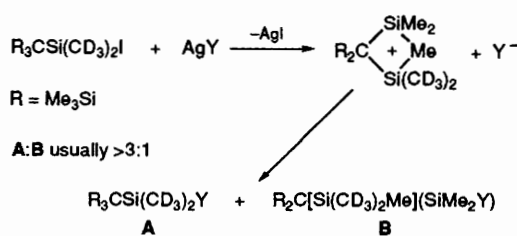
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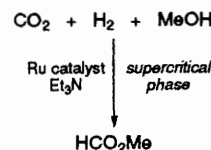
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Philip G. Jessop, Yi Hsiao, Takao Ikariya, Ryoji Noyori,

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