

JOURNAL OF THE CHEMICAL SOCIETY

Chemical Communications

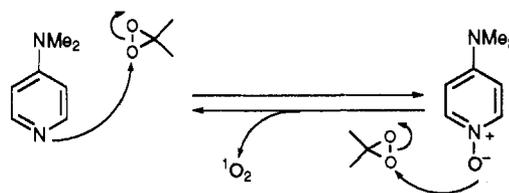
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1995

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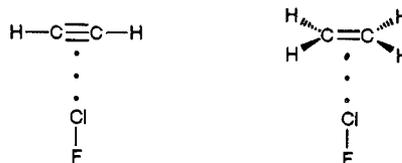
- 1829
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-
- [
- $\{\text{PbR}(\mu\text{-Cl})\}_2$
-] where
- $\text{R} = \text{C}(\text{SiMe}_2\text{Ph})_3$

Colin Eaborn, Keith Izod, Peter B. Hitchcock,
Sebnem E. Sözerli, J. David Smith

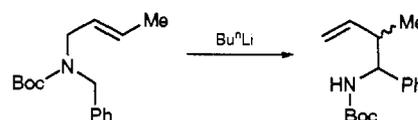
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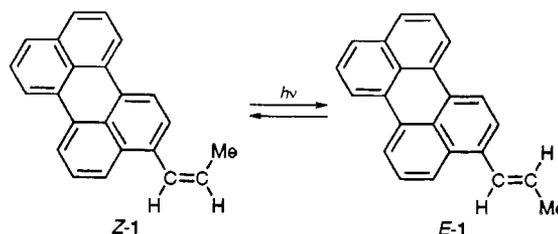
H. I. Bloemink, K. Hinds, A. C. Legon, J. H.
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- Aza-[2,3]-Wittig Sigmatropic Rearrangement of**
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James C. Anderson, D. Craig Siddons, Stephen C.
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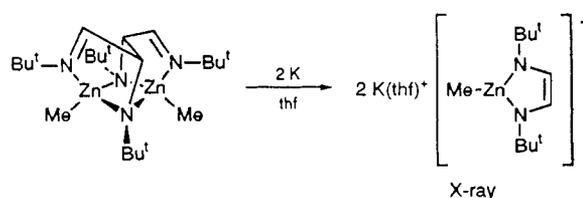
- 1837 **Adiabatic Two-way Isomerization of an Arylethene: an Observation of Extremely High Energy Barrier for Excited State Z-E Isomerization**

Tatsuo Arai, Osamu Takahashi



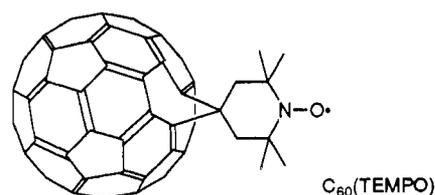
- 1839 **Heteroleptic Metallacyclic Potassium Organodiamido Zincate Complex. Synthesis and Structure of Polymeric{[K(thf)][MeZn(Bu^tNCH=CHNBu^t)]}_n**

Evelien Rijnberg, Jaap Boersma, Johann T. B. H. Jastrzebski, Miles T. Lakin, Anthony L. Spek, Gerard van Koten



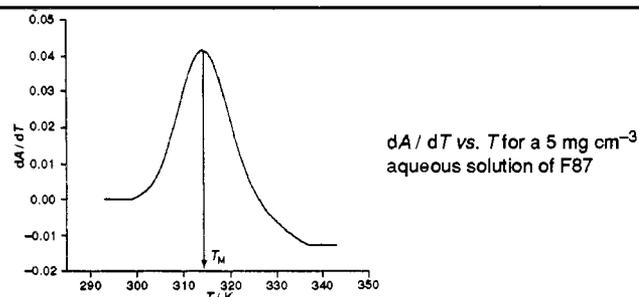
- 1841 **Fullerene Spin Label. Synthesis and Characterization of the [60]Fullerene-substituted TEMPO Radical**

Takayuki Ishida, Koji Shinozuka, Masayuki Kubota, Mamoru Ohashi, Takashi Nogami



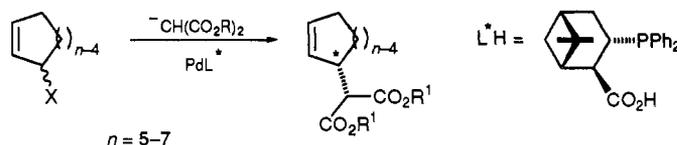
- 1843 **Diode-array UV Spectrometric Evidence for a Concentration Dependent Phase Transition in Dilute Aqueous Solutions of Pluronic F87 (Poloxamer 237)**

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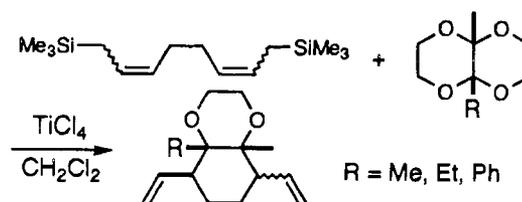
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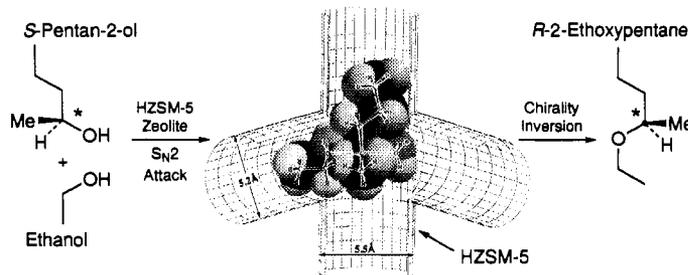
- 1847 **Dialkylation of α -Diketone Ketals with 1,8-Bis(trimethylsilyl)octa-2,6-diene**

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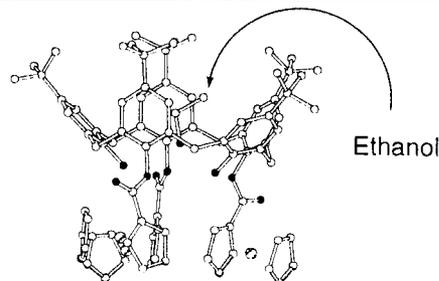
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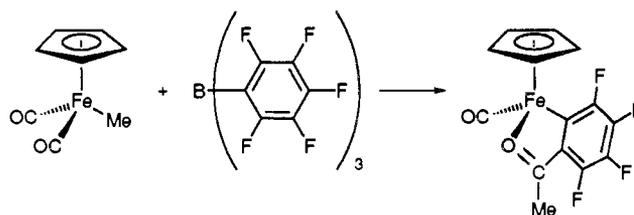
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Paul D. Beer, Zheng Chen, Michael G. B. Drew, Philip A. Gale



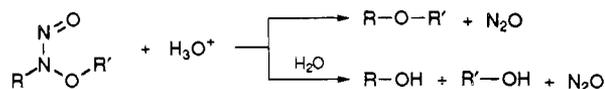
1853 **An Unexpected Reaction Between B(C₆F₅)₃ and [Fe(η⁵-C₅H₅)(CO)₂Me] Gives {[Fe-σ-C₆F₄(2-C(O)Me)](η⁵-C₅H₅)(CO)}**

Malcolm L. H. Green, Jane Haggitt, Christian P. Mehnert



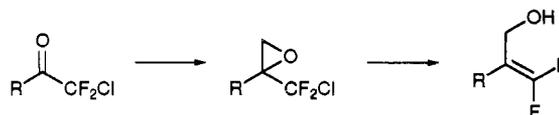
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H. Maskill, Iain D. Menneer, David I. Smith



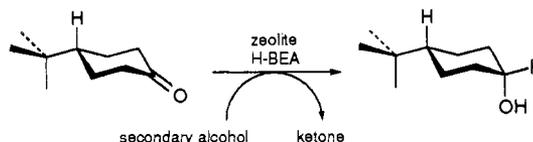
1857 **Facile Syntheses of *gem*-Difluoroalkenes from Chlorodifluoromethylketones**

Jean-Pierre Bégué, Danièle Bonnet-Delpon, Jonathan M. Percy, Michael H. Rock, Robin D. Wilkes



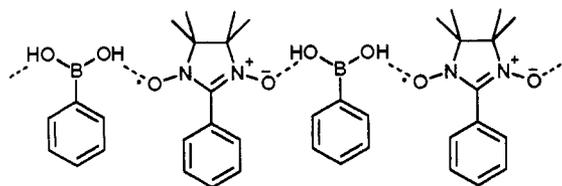
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Edward J. Creighton, Soesiela D. Ganeshie, Roger S. Downing, Herman van Bekkum



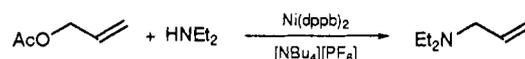
- 1861 **Ferromagnetic Spin Interaction in a Crystalline Molecular Complex Formed by Inter-heteromolecular Hydrogen Bonding: a 1 : 1 Complex of Phenyl Nitronyl Nitroxide Radical and Phenylboronic Acid**

Takeyuki Akita, Yasuhiro Mazaki, Keiji Kobayashi



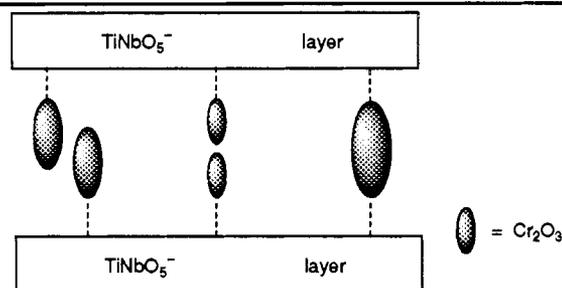
- 1863 **Nickel-catalysed Substitution Reactions of Allylic Compounds with Soft Nucleophiles: an Efficient Alternative to Palladium Catalysis**

Hervé Bricout, Jean-François Carpentier, André Mortreux



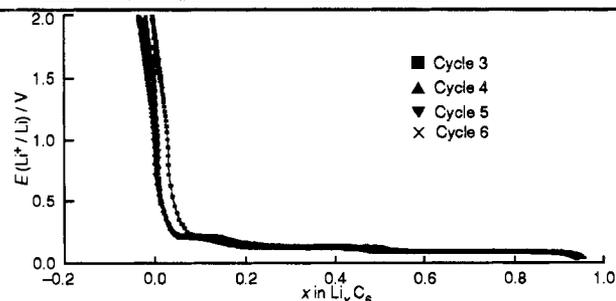
- 1865 **Preparation of Porous Chromia-pillared Titanoniobate**

Qijie Yan, Wenhua Hou, Yashao Chen



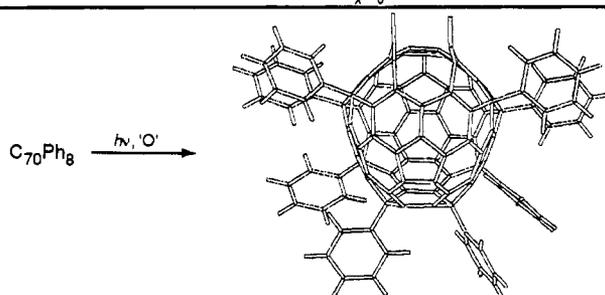
- 1867 **Reversible Electrochemical Insertion of Lithium Ions into Graphite in LiClO₄-Propylene Carbonate Electrolyte**

D. Billaud, A. Naji, P. Willmann



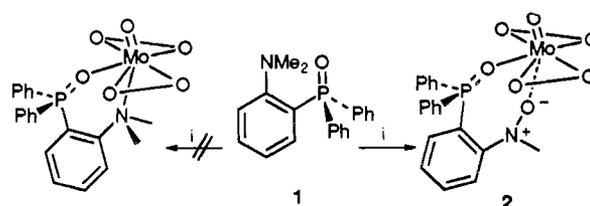
- 1869 **Holey Fullerenes! A bis-Lactone Derivative of [70]Fullerene with an Eleven-atom Orifice**

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



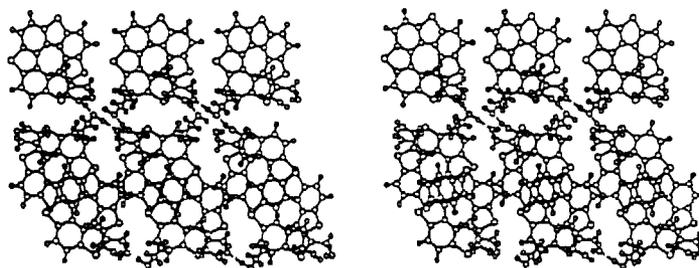
- 1871 **The First Chelating Phosphorus–Nitrogen Dioxo Ligand: Complexation of an MoO(O₂)₂ Fragment**

Werner R. Thiel, Thomas Priermeier, Tassilo Bog



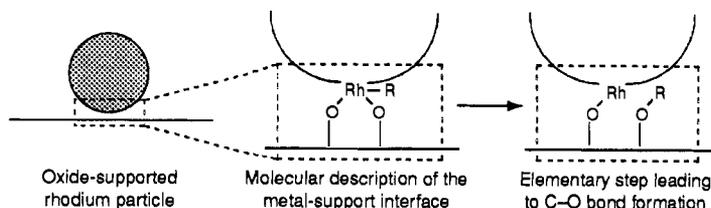
1873 **Complexation with Helical Molecules: Helical Crystal Structure of Bis(hydroxymethyl)[7]thiaheterohelicene·Ethanol Clathrate**

Kazuhiko Tanaka, Yuka Shogase, Hideji Osuga, Hitomi Suzuki, Waro Nakanishi, Kaoru Nakamura, Yasushi Kawai



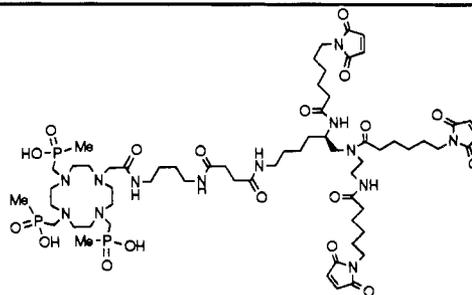
1875 **Supramolecular Approach to Metal-Support Interactions: Formation and Decarbonylation of Allyl Alcohol by an Oxide-supported (σ -Allyl)rhodium(III) Complex**

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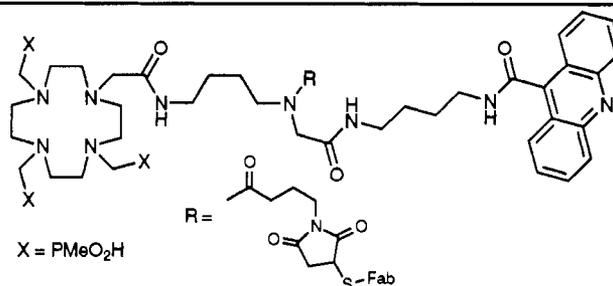
1877 **Improved Tumour Targeting with Recombinant Antibody-Macrocyclic Conjugates**

Timothy J. Norman, David Parker, Louise Royle, Alice Harrison, Pari Antoniw, David J. King



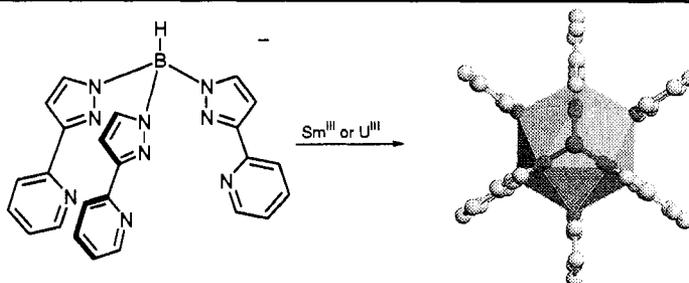
1879 **Towards Selective DNA Targeting: Synthesis of an Antibody-Macrocyclic-Intercalator Conjugate**

Timothy J. Norman, David Parker, Fiona C. Smith, David J. King



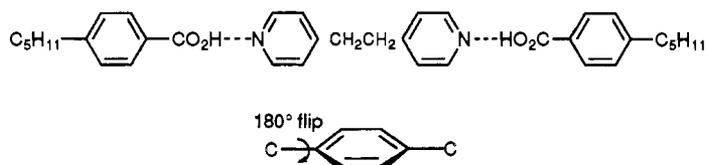
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Angelo J. Amoroso, John C. Jeffery, Peter L. Jones, Jon A. McCleverty, Leigh Rees, Arnold L. Rheingold, Yimin Sun, Josef Takats, Swiatoslaw Trofimenko, Michael D. Ward, Glenn P. A. Yap



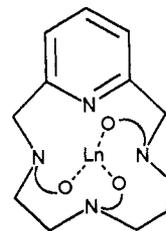
1883 **Correlations between Molecular Motion in the Solid State and Liquid-crystalline Phase Transitions for Two Hydrogen-bonded Carboxylic Acid-Pyridyl Complexes**

Melinda J. Duer, Lynn F. Gladden, Anselm C. Griffin, Chetan P. Jariwala, E. Clare Stourton



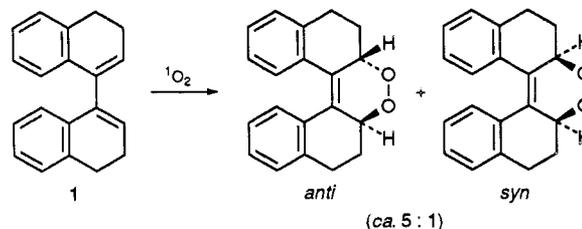
1885 **MRI Contrast Agents: Macrocyclic Lanthanide(III) Complexes with Improved Relaxation Efficiency**

Silvio Aime, Mauro Botta, Simonetta Geninatti
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Roberto Pagliarin, Massimo Sisti



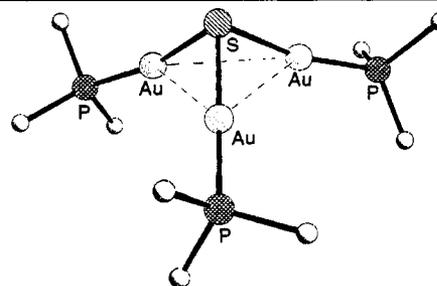
1887 **Syn and Anti Cycloaddition of Singlet Oxygen to Bisdialine**

Giovanna Delogu, Davide Fabbri, Fabrizio Fabris,
Federico Sbrogiò, Giovanni Valle, Ottorino De
Lucchi



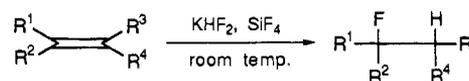
1889 **Calculated Structures of SAu₃⁺ and S(AuPH₃)₃⁺**

Pekka Pyykkö, Klaus Angermaier, Bernd Assmann,
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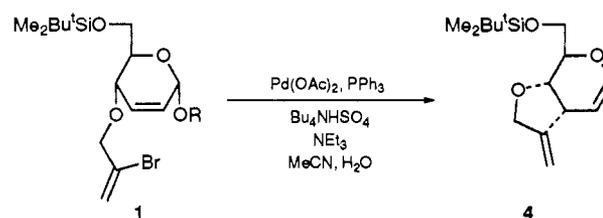
1891 **Hydrofluorination of Unsaturated Compounds with Solid Potassium Hydrogen Fluoride in the Presence of Silicon Tetrafluoride at Room Temperature**

Masanori Tamura, Motonari Shibakami, Shigeru
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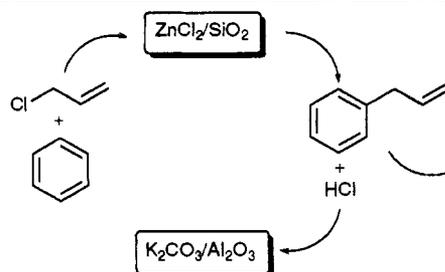
1893 **An Unexpected Palladium-catalysed Cyclisation on Carbohydrate Templates**

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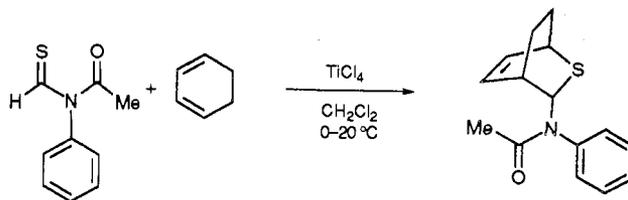


1895 **Direct Allylation of Aromatic Compounds with Allylic Chloride using the Supported Reagents System ZnCl₂/SiO₂-K₂CO₃/Al₂O₃**

Mitsuo Kodomari, Satoru Nawa, Tadahiro Miyoshi

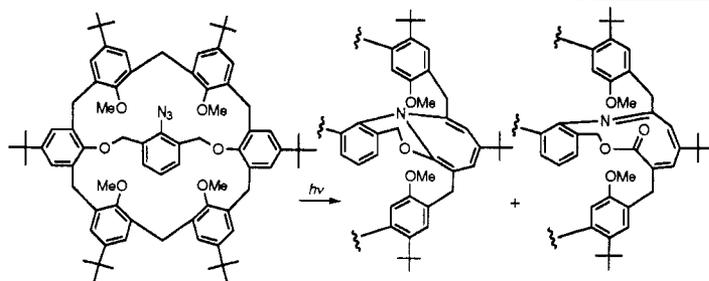


- 1897 **Theoretical Approach and First Examples of *N*-Acyl-Thioformamides as Dienophiles in the Diels–Alder Reaction**



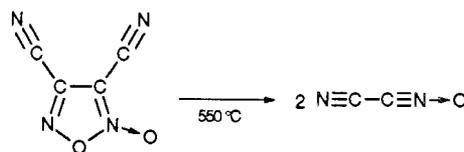
Roger Arnaud, Pierre Y. Chavant, Karine Molvinger, Yannick Vallée

- 1899 **Abnormal Reaction of an Aryl Azide confined in a Calix[6]arene Skeleton**



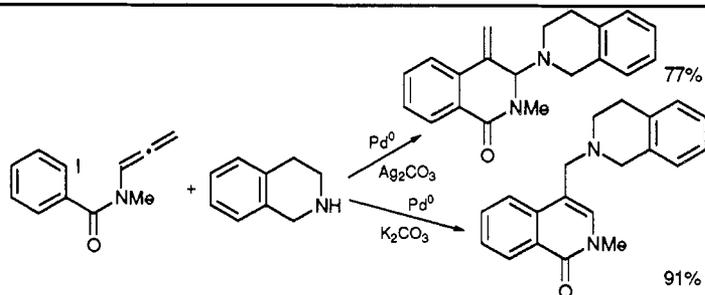
Norihiro Tokitoh, Toshiyuki Saiki, Renji Okazaki

- 1901 **Gas-phase Generation and Spectroscopy of the Unstable NCCNO Molecule**



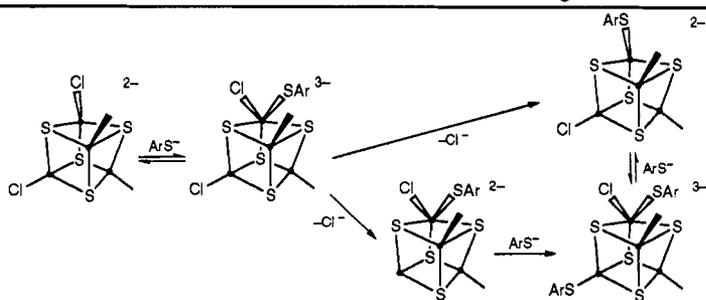
Tibor Pasinszki, Nicholas P. C. Westwood

- 1903 **Palladium catalysed Cyclisation–Amination of Allenes—Effect of Base on Regioselectivity of Formation of Allylic Amines**



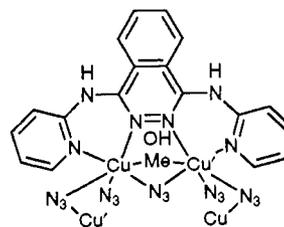
Ronald Grigg, Visuvanathar Sridharan, Long-He Xu

- 1905 **Associative Substitution Mechanisms of Clusters: the Relationship between Sites of Nucleophilic Attack and Leaving Group Dissociation**



Richard A. Henderson

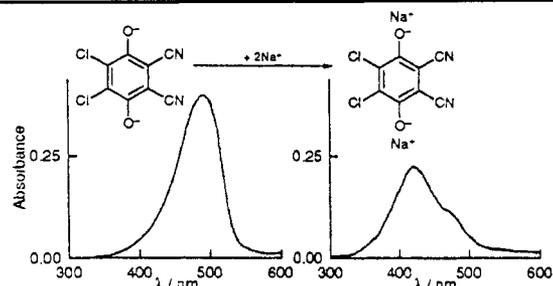
- 1907 **A Novel Tetranuclear Copper(II) Complex with Three Different Types of Azide, exhibiting Weak Antiferromagnetic Exchange**



Santokh S. Tandon, Laurence K. Thompson, David O. Miller

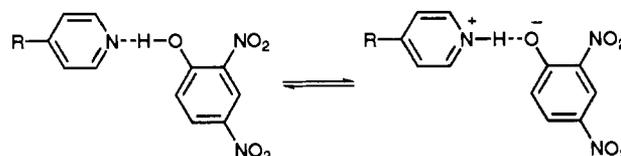
- 1909 **Direct Observation of Ion Pair Formation between 2,3-Dichloro-5,6-dicyanobenzoquinone Dianion and Sodium Ion**

Munetaka Oyama, Atsushi Takei, Satoshi Okazaki



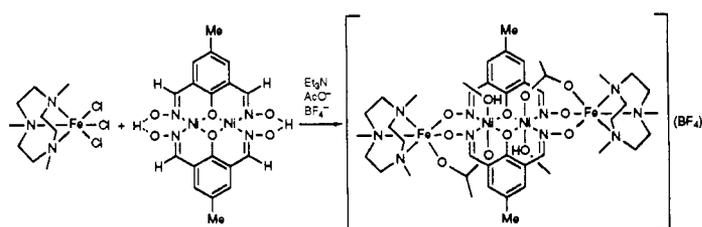
- 1911 **An Investigation of the Hydrogen Bonding in Liquid-crystal Systems using Variable-temperature Electronic Spectroscopy**

Daniel J. Price, Tim Richardson, Duncan W. Bruce



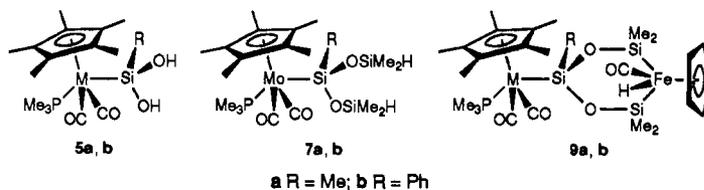
- 1913 **Magnetic Exchange Coupling in a Nearly Linear Iron(III)Nickel(II)Nickel(II)Iron(III) Complex**

Carsten Krebs, Manuela Winter, Thomas Weyhermüller, Eckhard Bill, Karl Wieghardt, Phalguni Chaudhuri



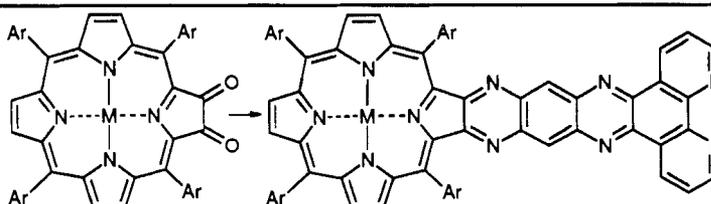
- 1917 **Metallosilane-diols of Molybdenum and Tungsten. Synthesis and Transformation to Functionalized Metallotrisiloxanes. Hydrogen-bonded Structure of [(C₅Me₅)(OC)₂(Me₃P)Mo-SiMe(OH)₂]**

Wolfgang Malisch, Reiner Lankat, Oliver Fey, Joachim Reising, Siegfried Schmitzer



- 1921 **Porphyryns with Appended Phenanthroline Units: a Means by which Porphyrin π -Systems can be connected to an External Redox Centre**

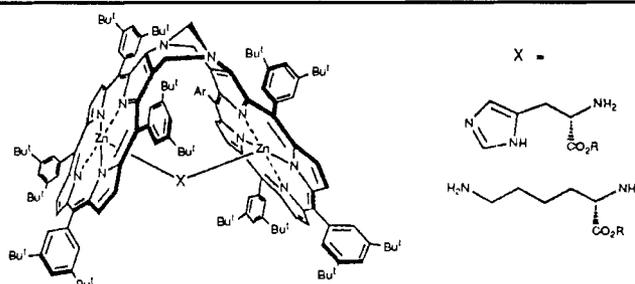
Maxwell J. Crossley, Paul L. Burn, Steven J. Langford, Jognandan K. Prashar



Porphyrin-2,3-diones react with 1,2,4,5-benzenetetramine and 1,10-phenanthroline-5,6-dione to generate conjugated phenanthroline-appended porphyrin systems

- 1925 **Enantioselective Recognition of Histidine and Lysine Esters by Porphyrin Chiral Clefts and Detection of Amino Acid Conformations in the Bound State**

Maxwell J. Crossley, Lindsey G. Mackay, Andrew C. Try



Corrigendum

1929 **The Construction of 1,3-Dienes Containing an
E-Double Bond and an *exo*-Methylene Group**

James J. Eshelby, Philip J. Parsons, Nan C. Sillars,
Patrick J. Crowley,

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