

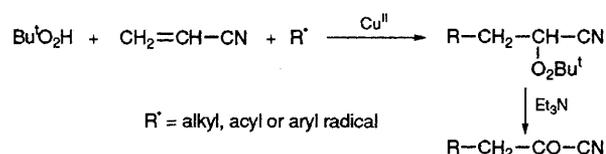
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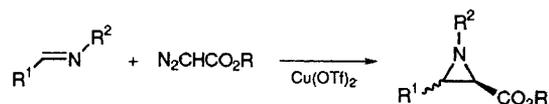
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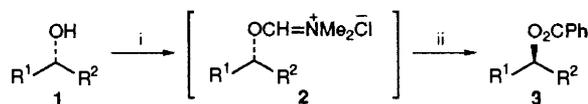
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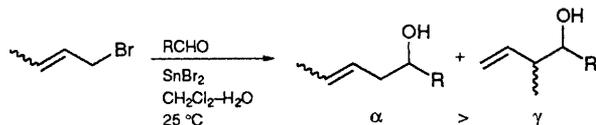
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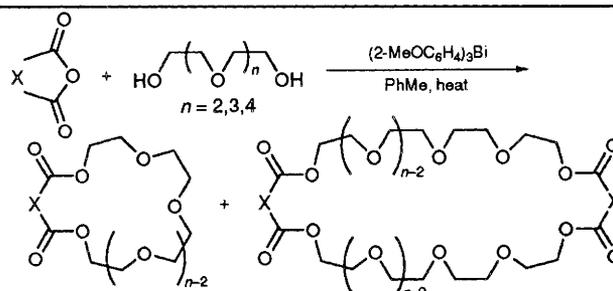
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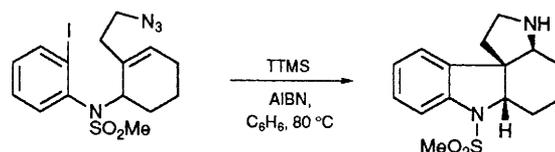
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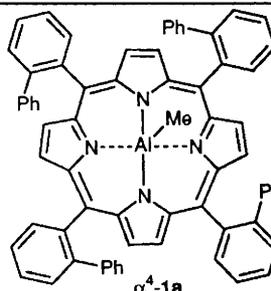
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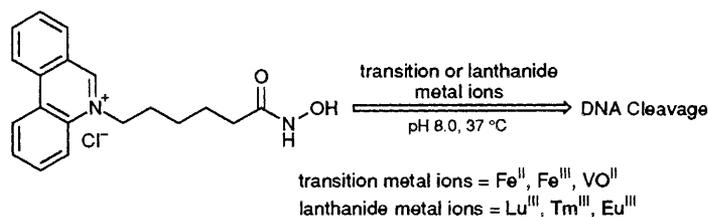
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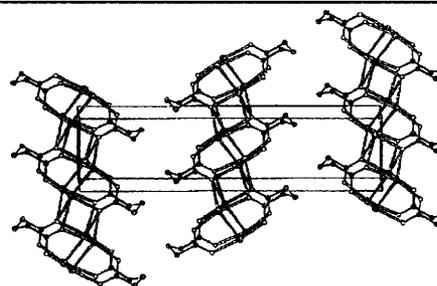
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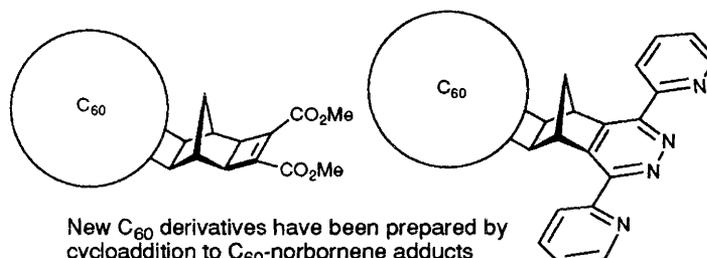
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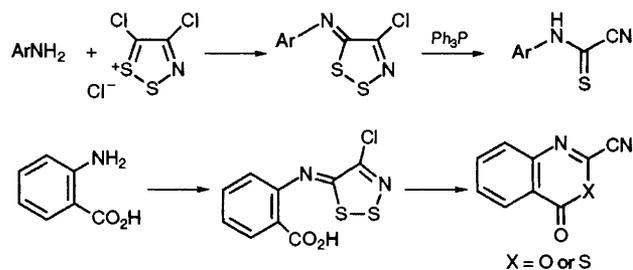


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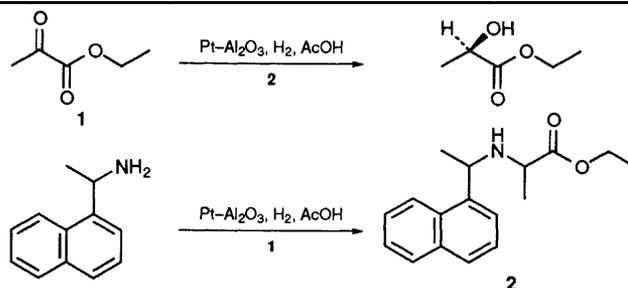
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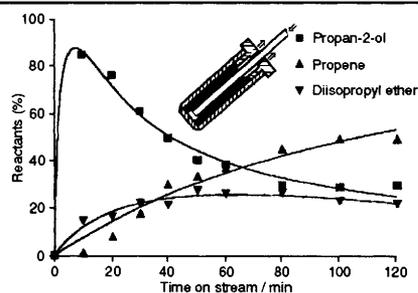
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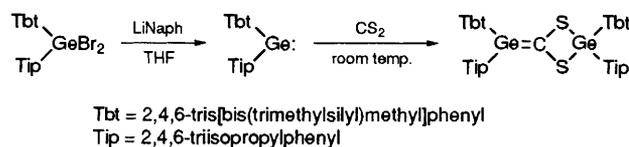
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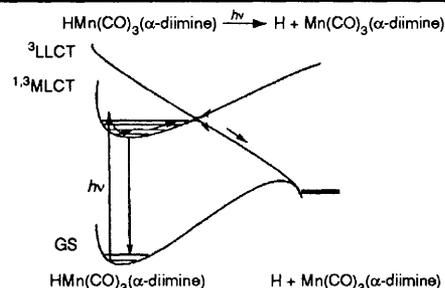
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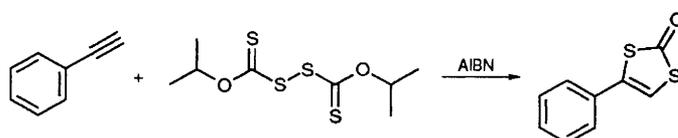
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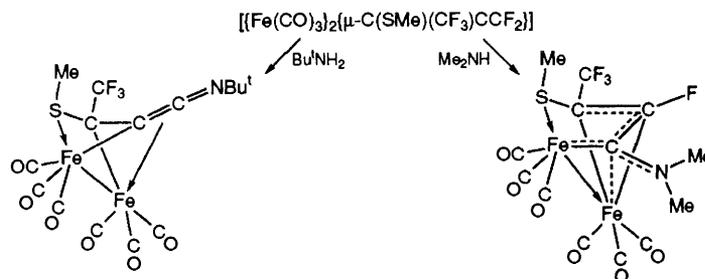
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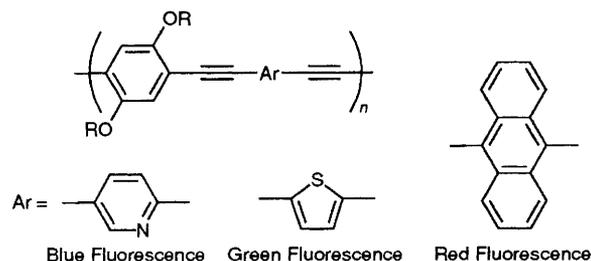
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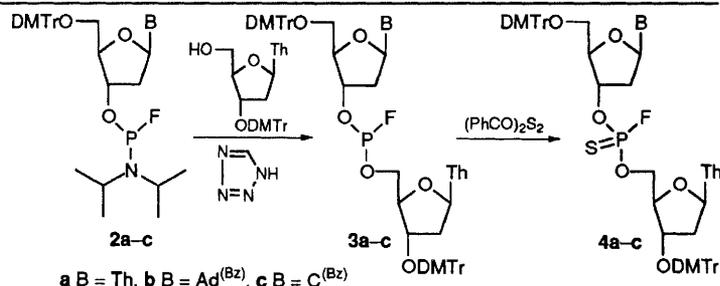
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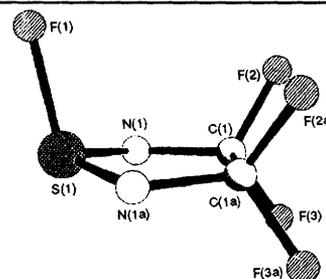
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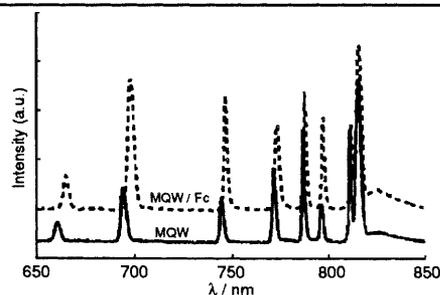
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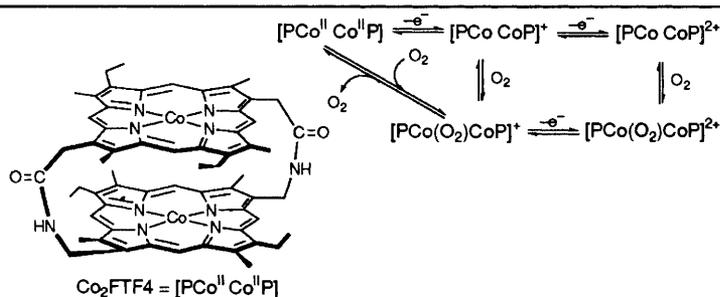
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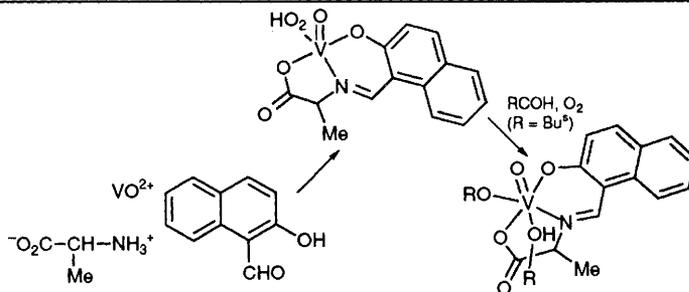
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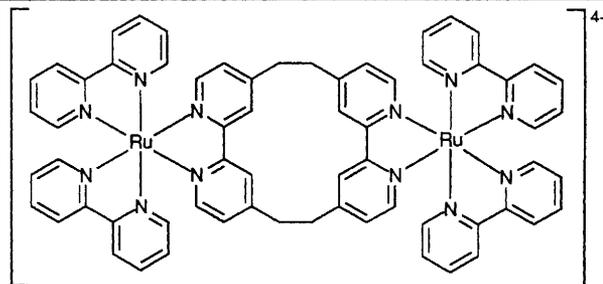
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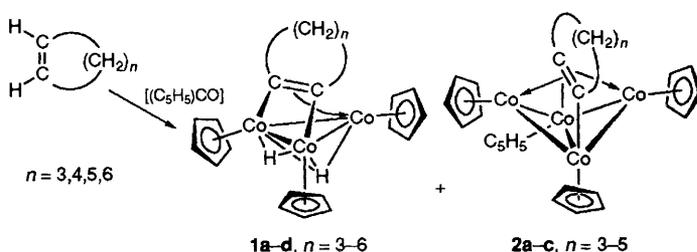
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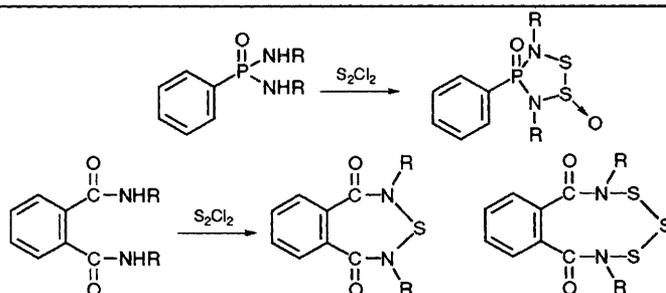
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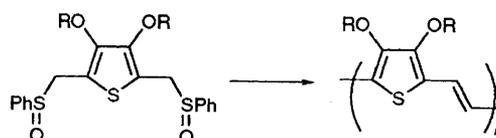
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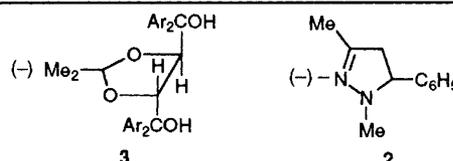
Haitao Cheng, Ronald L. Elsenbaumer



Bis(sulfoxomethylene) derivatives of dialkoxythiophenes afford high molecular mass conjugated polymers *via* base, acid and thermally induced elimination of sulfoxide groups.

- 1453 Optical Resolution of 1,3-Dimethyl-5-phenyl- Δ^2 -pyrazoline by Diastereoisomeric Complex Formation with an Optically Active Host Compound: X-Ray and Molecular Structure of the Complex

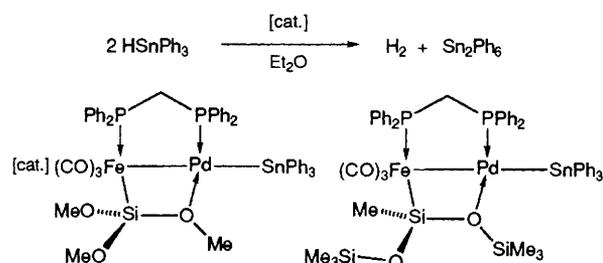
Fumio Toda, Koichi Tanaka, Lourdes Infantes, Concepción Foces-Foces, Rosa M. Claramunt, José Elguero



The first example of optical resolution of a non-functionalized Δ^2 -pyrazoline **2** is reported. The X-ray analysis carried out at 200 K shows that the crystal contains the *R,R* host **3** (Ar = *o*-tolyl) and the *S* enantiomer of 1,3-dimethyl-5-phenyl- Δ^2 -pyrazoline **2**.

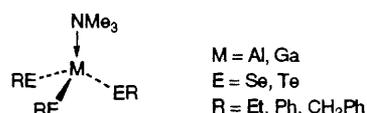
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Michael G. Gardiner, Colin L. Raston, Vicki-Anne Tolhurst



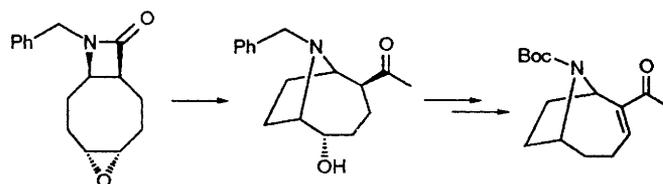
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Helen J. Cooper, Richard T. Gallagher, Paul F. Greenwood, Tore Vulpus, Peter J. Derrick

High-energy collisions of the C₆₀⁺ radical cation with methane produce CH₂C₆₀⁺ and CHC₆₀⁺, characterised by deficits in translational energy consistent with their formation from CH₄C₆₀⁺. Collisions with CD₄ and ¹³CH₄ produce CD₂C₆₀⁺ and CDC₆₀⁺ and ¹³CH₂C₆₀⁺ and ¹³CHC₆₀⁺, respectively.

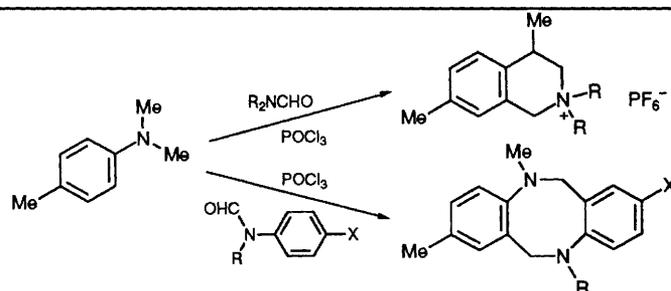
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Philip J. Parsons, Nicholas P. Camp, J. Mark Underwood, Darren M. Harvey



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Otto Meth-Cohn, David L. Taylor



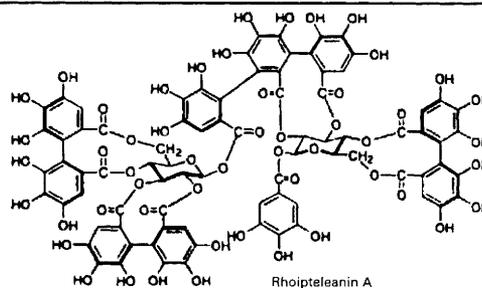
1465 **Poly(methylphenylsilane) with an Enhanced Isotactic Content prepared using the Graphite Intercalation Compound, C₈K**

Richard G. Jones, Robert E. Benfield, Philip J. Evans, Anthony C. Swain

Poly(methylphenylsilane) is formed by reductive coupling of dichloromethylphenylsilane with the potassium-graphite intercalation compound, C₈K, in THF at temperatures as low as -79 °C. Product polymer is found both in the solution phase and within the graphite. The latter fraction, of \bar{M}_w approaching 10⁵, is found by ²⁹Si NMR to have a significantly higher isotactic content than that formed using the conventional alkali metal reductive-coupling reaction.

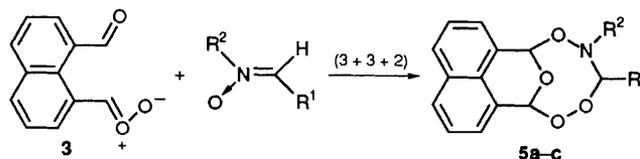
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Zhi-Hong Jiang, Takashi Tanaka, Isao Kouno



- 1469 **The Synthesis of Novel 3,4-Dihydro-1,2,5,7,4-tetroxazocine Derivatives via Extended [3 + 3 + 2] Cycloaddition Reactions between a Carbonyl Oxide, a Nitron and an Aldehyde**

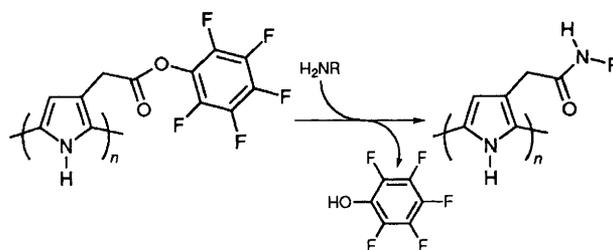
Syuzo Satake, Yoshihiro Ushigoe, Masatomo Nojima, Kevin J. McCullough



The intermediate carbonyl oxide **3**, derived from the ozonolysis of acenaphthylene, undergoes a [3 + 3 + 2] cycloaddition reaction with a nitron **2** to yield the corresponding polycyclic peroxide **5** containing the novel dihydro-1,2,5,7,4-tetroxazocine ring system.

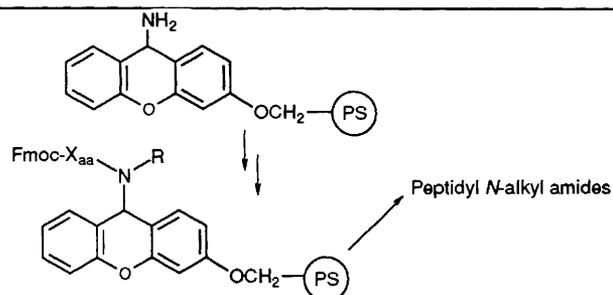
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Karl S. Ryder, David G. Morris, Jon M. Cooper



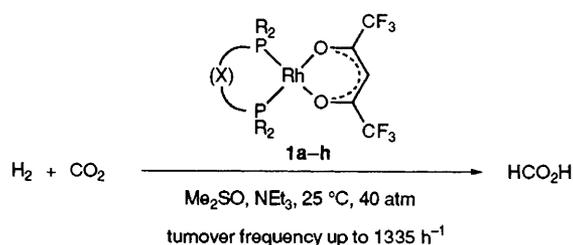
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Weng C. Chan, Sarah L. Mellor



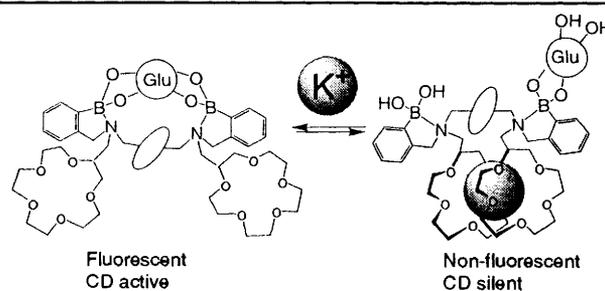
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