

JOURNAL OF THE CHEMICAL SOCIETY

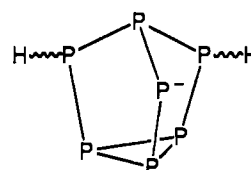
## Chemical Communications

Number 17

1995

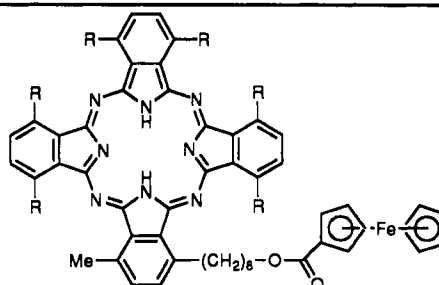
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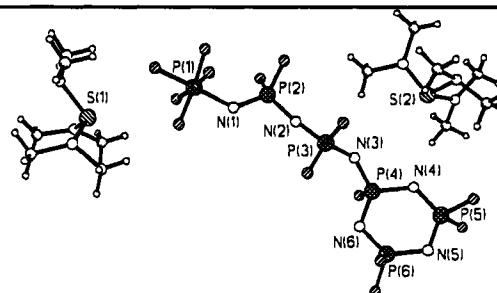
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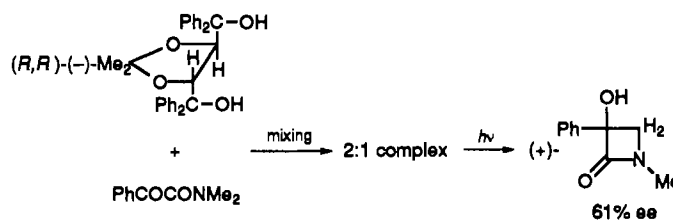
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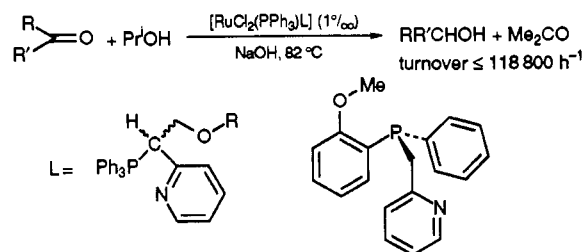
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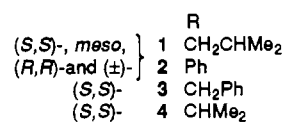
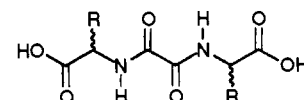
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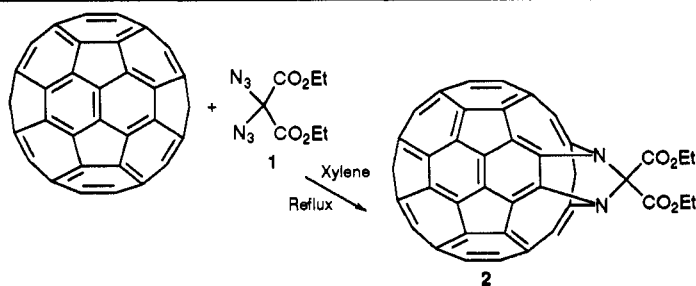
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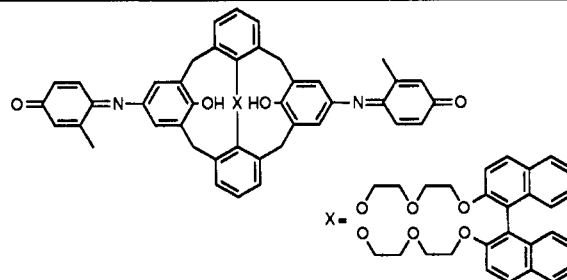
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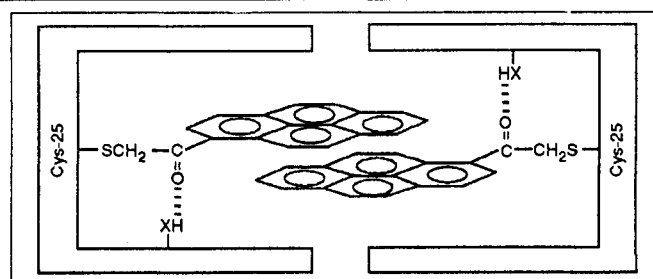
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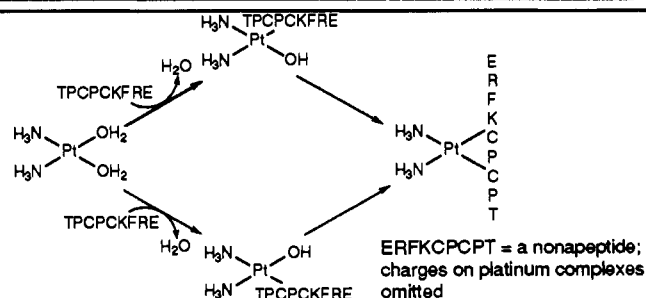
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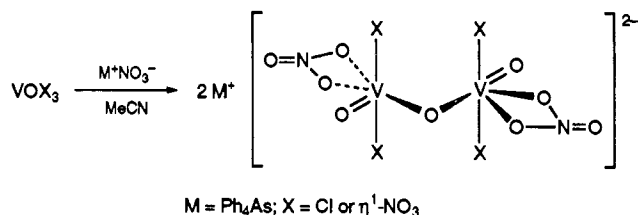
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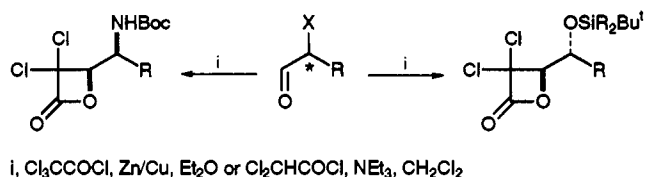
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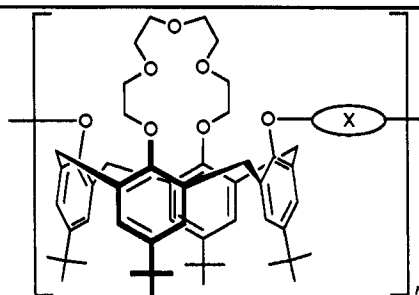
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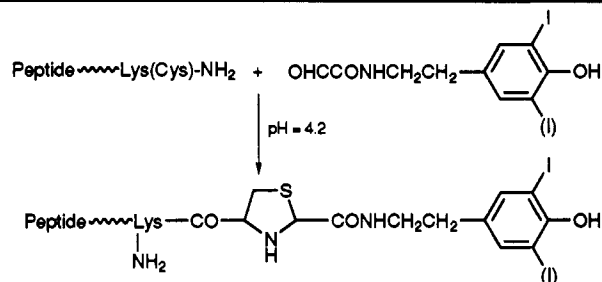
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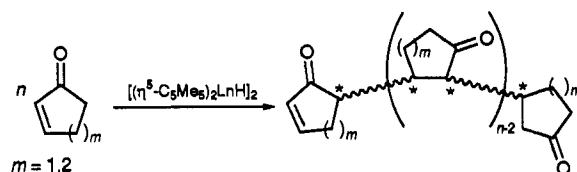
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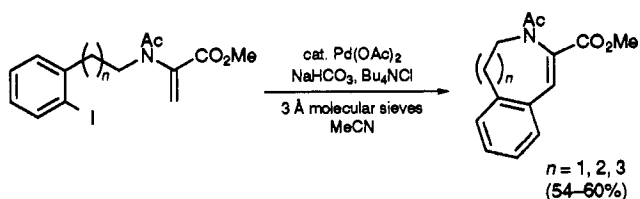
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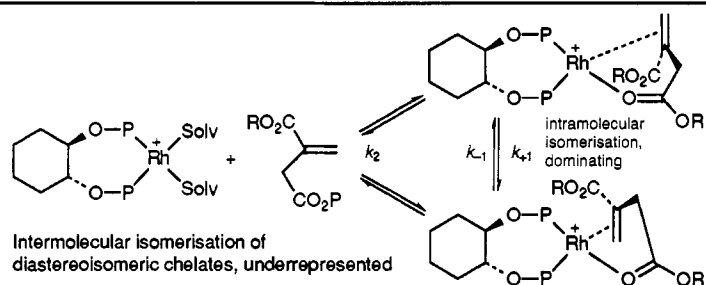
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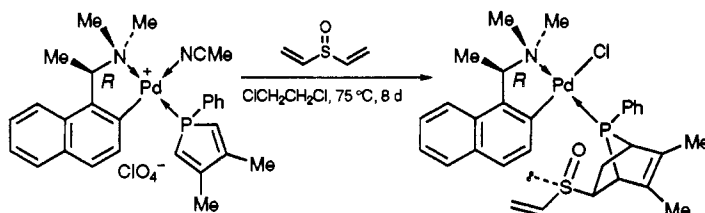
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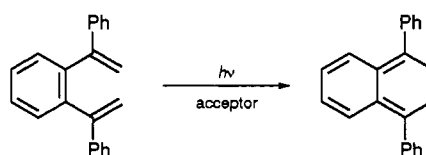
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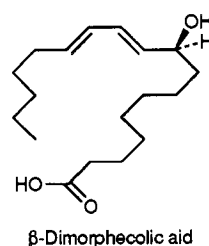
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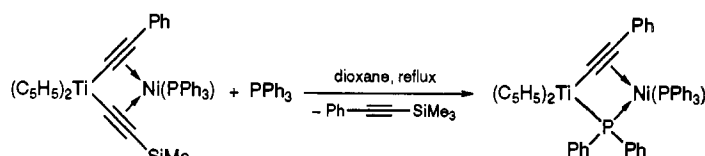
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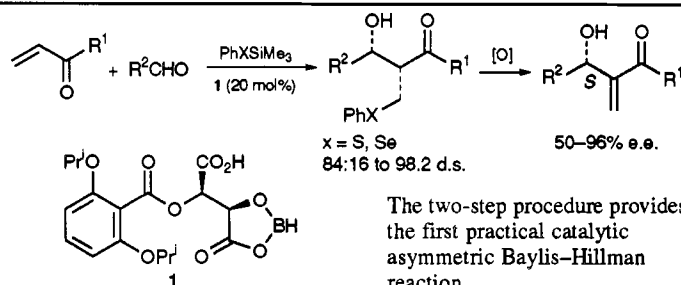
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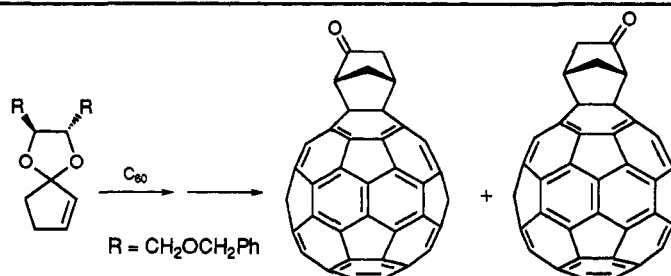
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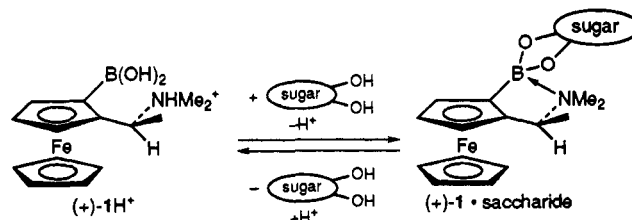
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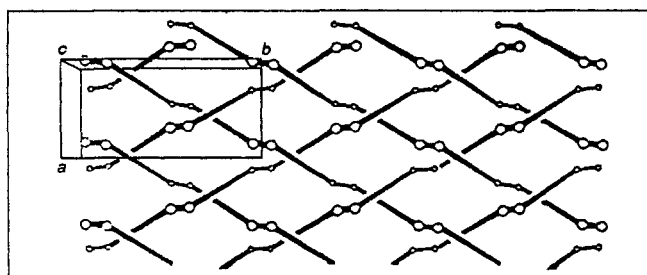
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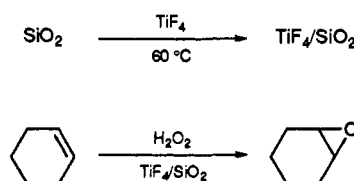
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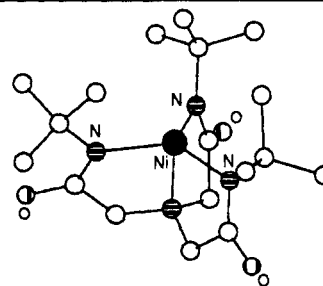
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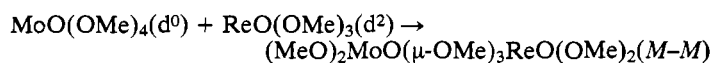


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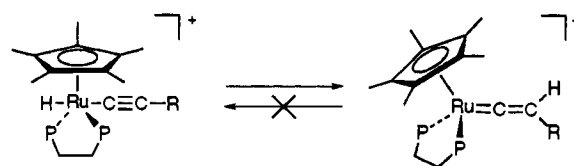


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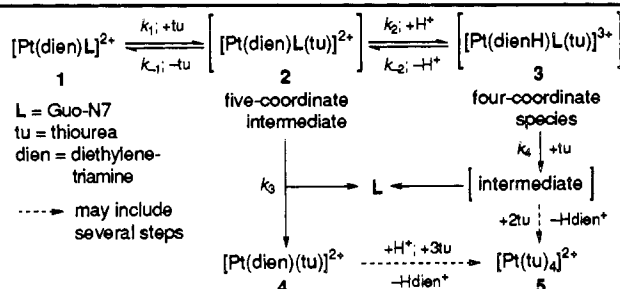
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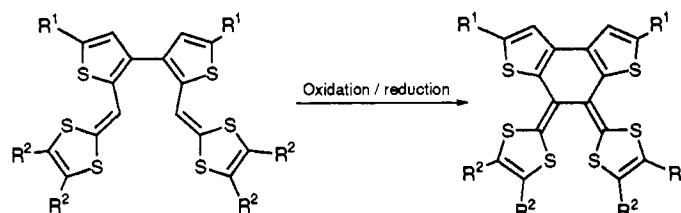
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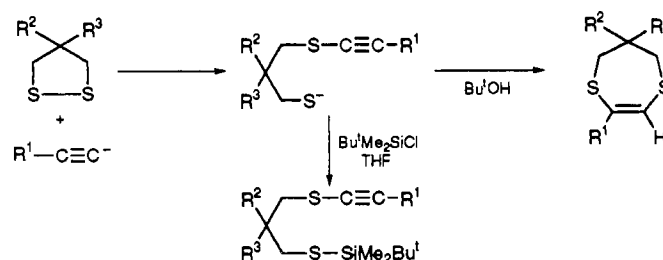
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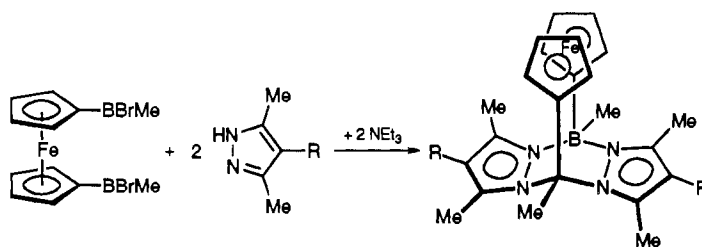
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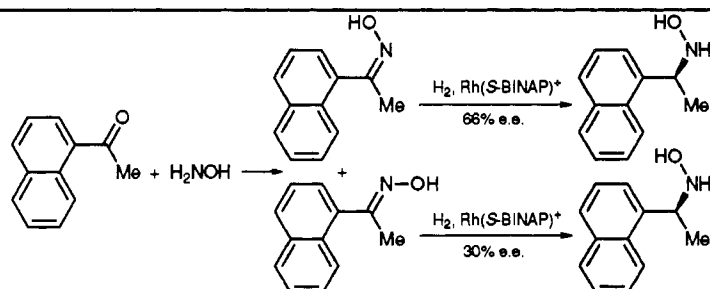
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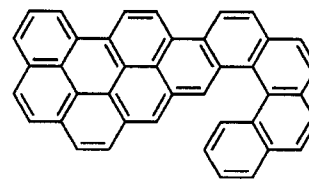


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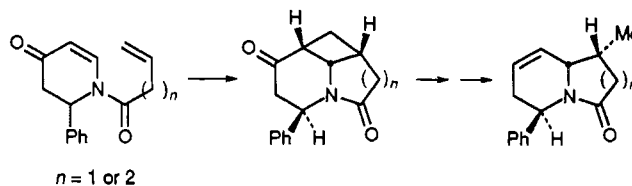
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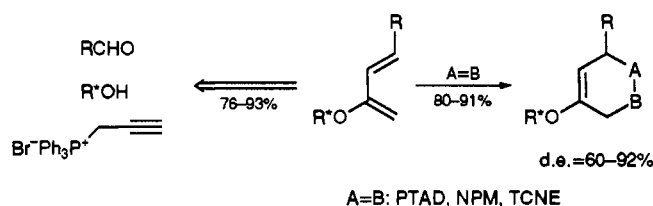
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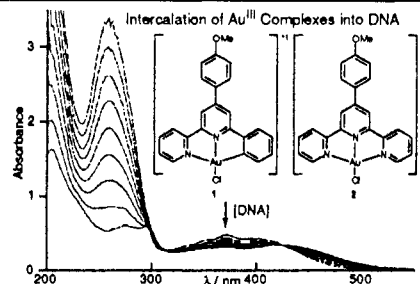
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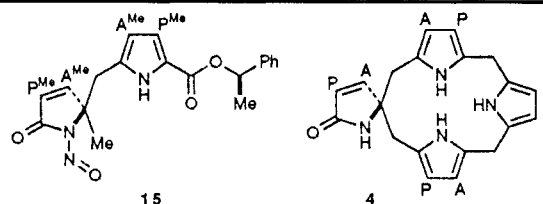
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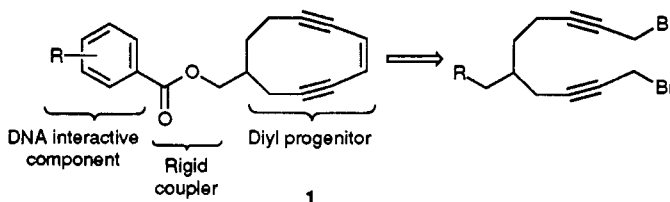
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Alan C. Spivey, Alfredo Capretta, Christopher S. Frampton, Finian J. Leeper, Alan R. Battersby

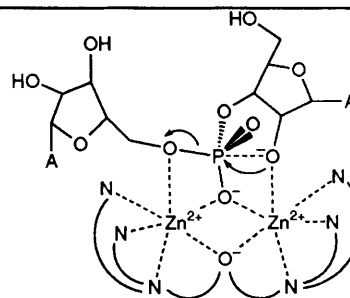
A crystal structure of **15** and correlations by CD spectra have led to determination of the (*R*)-configuration for the spiro lactam **4** as that which strongly inhibits cosynthetase.

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Graham B. Jones, Robert S. Huber, Jude E. Mathews

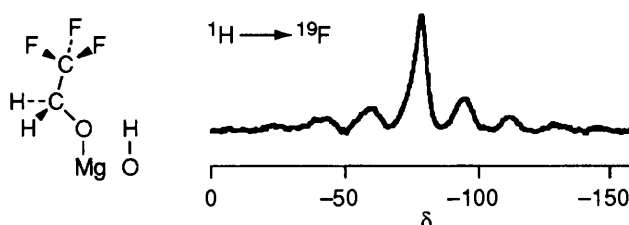
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Morio Yashiro, Akira Ishikubo, Makoto Komiyama

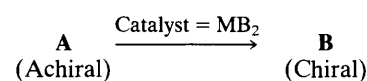


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David B. Ferguson, Thomas R. Krawietz, James F. Haw



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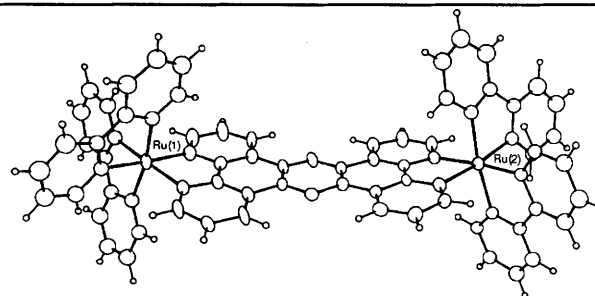


Patrick D. Bailey

It is shown that an autocatalytic system such as  $\text{A} \rightarrow \text{B}$  can spontaneously generate optically active product if the catalyst contains two (or more) molecules of **B** (e.g. an  $\text{MB}_2$  catalyst, in which two molecules of **B** are coordinated to a metal cation M).

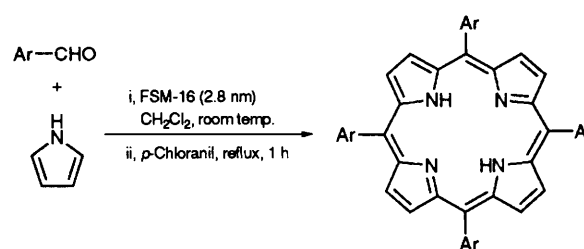
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Joseph Bolger, André Gourdon, Eléna Ishow, Jean-Pierre Launay



- 1801 **FSM-16: A Recyclable Mesoporous Acid Promoter for *meso*-Tetraarylporphyrin Synthesis**

Tomotaka Shinoda, Yusuke Izumi, Makoto Onaka



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S. C. Tsang, J. J. Davis, Malcolm L. H. Green, H. Allen O. Hill, Y. C. Leung, Peter J. Sadler

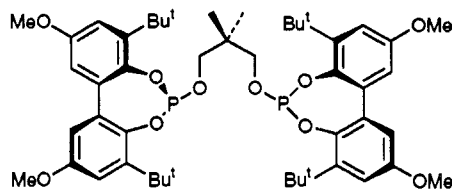


$\beta$ -Lactamase I inside and outside a nanotube.



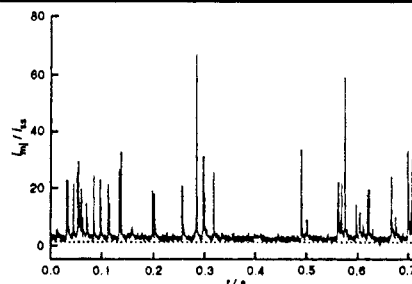
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Gregory T. Whiteker, Arnold M. Harrison, Anthony G. Abatjoglou



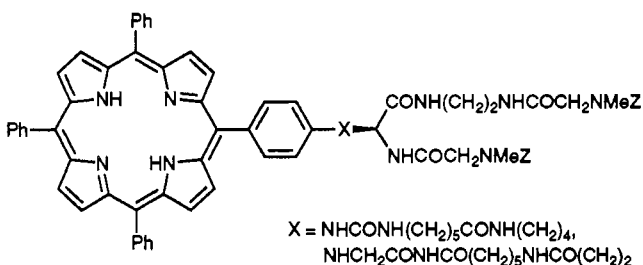
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Peter R. Birkin, Susana Silva-Martinez



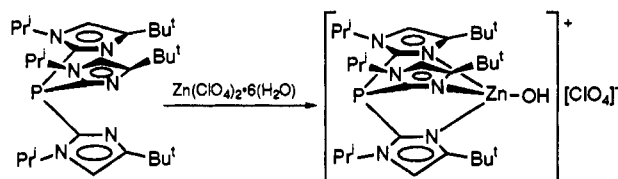
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Susan E. Matthews, Colin W. Pouton, Michael D. Threadgill



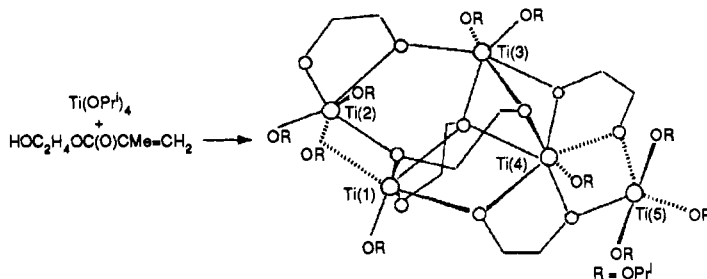
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Clare Kimblin, William E. Allen, Gerard Parkin



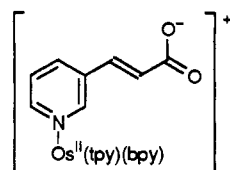
- 1817 Metal-assisted Activation of the C–O Bond of 2-Hydroxyethylmethacrylate. Synthesis and Molecular Structure of  $\text{Ti}_5(\text{OPr}^i)_9(\mu\text{-OPr}^i)(\mu, \eta^2\text{-OC}_2\text{H}_4\text{O})(\mu_3, \eta^2\text{-OC}_2\text{H}_4\text{O})_3(\mu_4, \eta^2\text{-OC}_2\text{H}_4\text{O})$

Nathalie Pajot, Renée Papiernik, Liliane G. Hubert-Pfalzgraf, Jacqueline Vaissermann, Stephen Parraud



- 1821 Characterization of Montmorillonite Colloids containing a Clay-adsorbed Bipolar Poly(pyridyl)-osmium(II) Complex

Chad Richardson, Tyson Kade, David Blauch

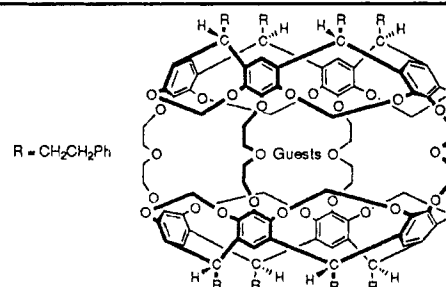


Bipolar osmium(II) complexes can be adsorbed on dispersed montmorillonite to yield redox colloids in which the clay-adsorbed complex is electroactive.

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1825 **Binding Properties and Crystal Structure of a  
Hemicarcerand Containing Four Diethylene Glycol  
Units Connecting Two Bowls**

Young-Seok Byun, Omid Vadhat, Michael T.  
Blanda, Carolyn B. Knobler, Donald J. Cram



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