

Contents

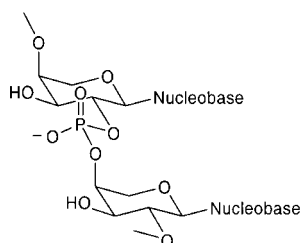
Pentopyranosyl Oligonucleotide Systems

Communication No. 13

The α -L-Arabinopyranosyl-(4' \rightarrow 2')-oligonucleotide System: Synthesis and Pairing Properties

O. Jungmann, M. Beier, A. Luther, H. K. Huynh, M.-O. Ebert, B. Jaun, R. Krishnamurthy, A. Eschenmoser**

1259



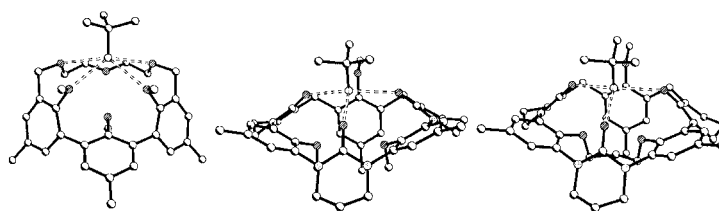
α -L-Arabinopyranosyl-(4' \rightarrow 2')-oligonucleotides

Torsional Motion in (*tert*-Butyl)ammonium Hemispherplexes:

Rotational Barriers and Energy of Binding

E. F. Maverick, C. B. Knobler, S. Khan, J. W. Canary, I. B. Dicker, K. N. Trueblood*

1309



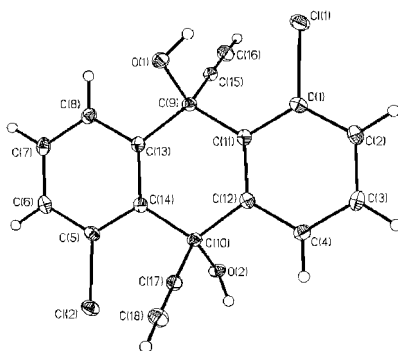
$C_4H_9NH_3^+$ perches on tris(methoxyaryl) and tris(urea) hosts

Copper-Binding Motifs: Structural and Theoretical Aspects

A. Kaufman Katz, L. Shimoni-Livny, O. Navon, N. Navon, C. W. Bock, J. P. Glusker* 1320

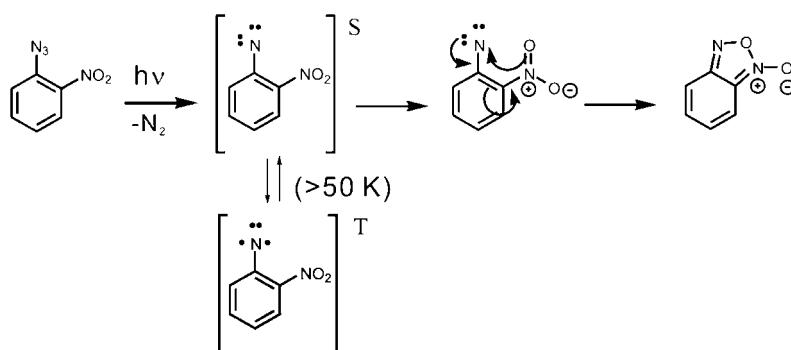
Dilemmas in Crystallization. The 'Unusual' Behavior of *trans*-1,5-Dichloro-9,10-diethynyl-9,10-dihydroanthracene-9,10-diol and the More 'Normal' Behavior of Its Pseudopolymorphs with Dipolar Aprotic Solvents

R. Banerjee, G. R. Desiraju*, R. Mondal, A. S. Batsanov, C. K. Broder, J. A. K. Howard* 1339



Crystalline-State Photoreaction of 1-Azido-2-nitrobenzene – Direct Observation of Heterocycle Formation by X-Ray Crystallography

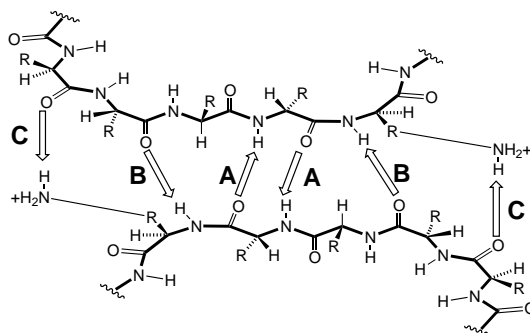
T. Takayama, M. Kawano*, H. Uekusa, Y. Ohashi*, T. Sugawara 1352



Noncovalent Bond Lengths and Their Cooperative Shortening: Dimers of Vancomycin Group Antibiotics in Crystals and in Solution

H. Shiozawa, R. Zerella, B. Bardsley, K. L. Tuck, D. H. Williams*

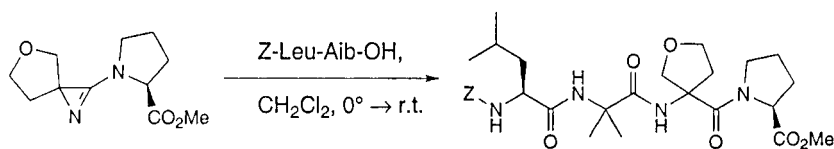
1359



Chiral Heterospirocyclic 2*H*-Azirin-3-amines as Synthons for 3-Amino-2,3,4,5-tetrahydrofuran-3-carboxylic Acid and Their Use in Peptide Synthesis

S. Stamm, A. Linden, H. Heimgartner*

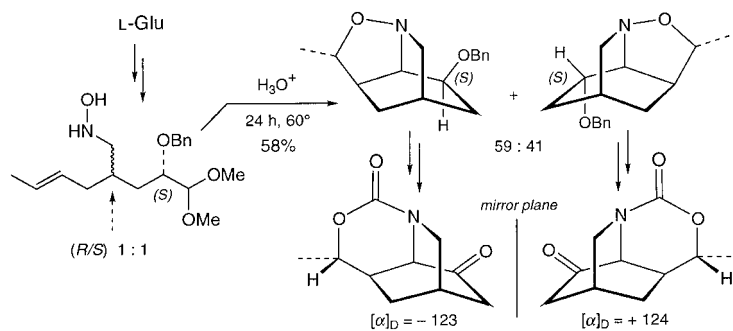
1371



Enantioselective Synthesis of Key Intermediates in a Novel Approach towards the *Iboga*-Alkaloid Family

S. Höck, H.-J. Borschberg*

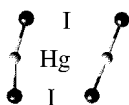
1397



The Yellow Polymorphs of Mercuric Iodide (HgI₂)

*M. Hostettler, H. Birkedal, D. Schwarzenbach**

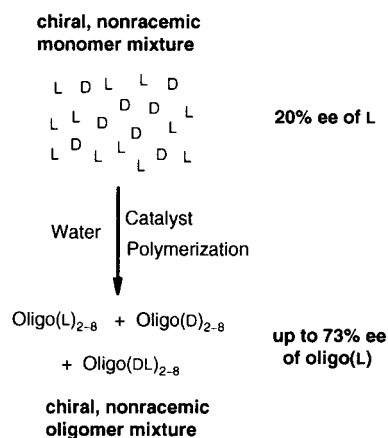
1410



Chiral Amplification of Oligopeptides in the Polymerization of α -Amino Acid *N*-Carboxyanhydrides in Water

*T. Hitz, P. L. Luisi**

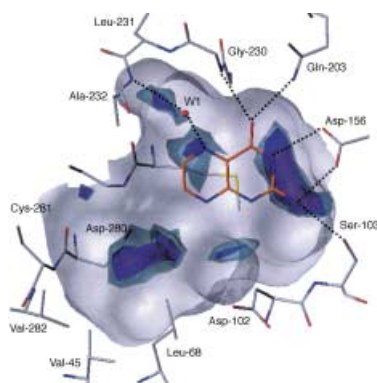
1423



From Hit to Lead: *De Novo* Design Based on Virtual Screening Hits of Inhibitors of tRNA-Guanine Transglycosylase, a Putative Target of Shigellosis Therapy

*R. Brenk, H.-D. Gerber, J. D. Kittendorf, G. A. Garcia, K. Reuter, G. Klebe**

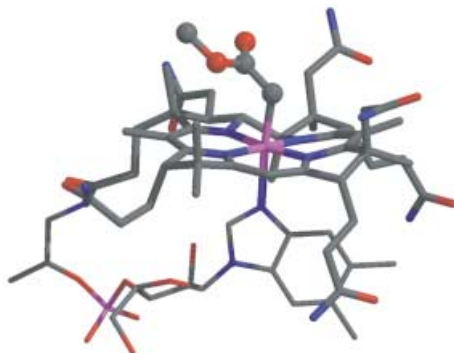
1435



Reduction-Labile Organo-cob(III)alamins *via* Cob(II)alamin: Efficient Synthesis and Solution and Crystal Structures of [(Methoxycarbonyl)methyl]cob(III)alamin

M. Puchberger, R. Konrat, B. Kräutler, U. Wagner, C. Kratky**

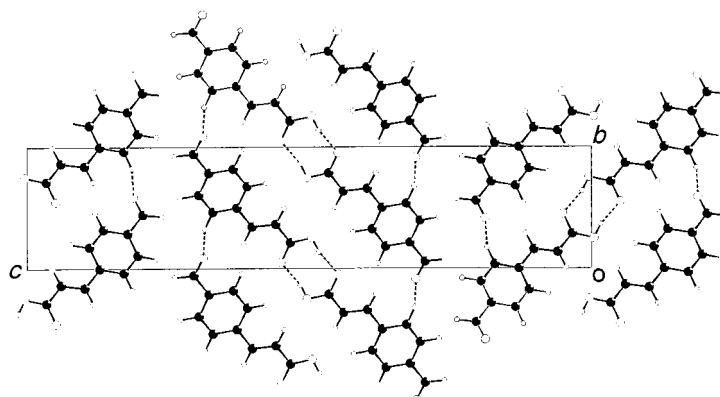
1453



Structural Aspects of the β -Polymorph of (*E*)-4-Formylcinnamic Acid: Structure Determination Directly from Powder Diffraction Data and Elucidation of Structural Disorder from Solid-State NMR

*S. Meejoo, B. M. Kariuki, S. J. Kitchin, E. Y. Cheung, D. Albesa-Jové, K. D. M. Harris**

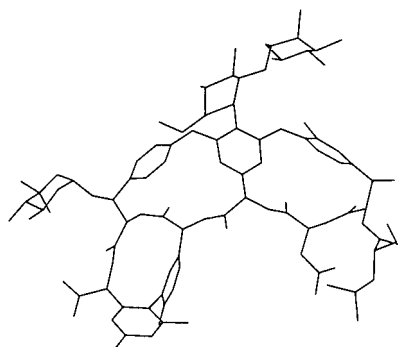
1467



Structures of Four Crystal Forms of Decaplanin

C. Lehmann, J. É. Debreczeni, G. Bunkóczi, M. Dauter, Z. Dauter, L. Vértesy,
G. M. Sheldrick*

1478

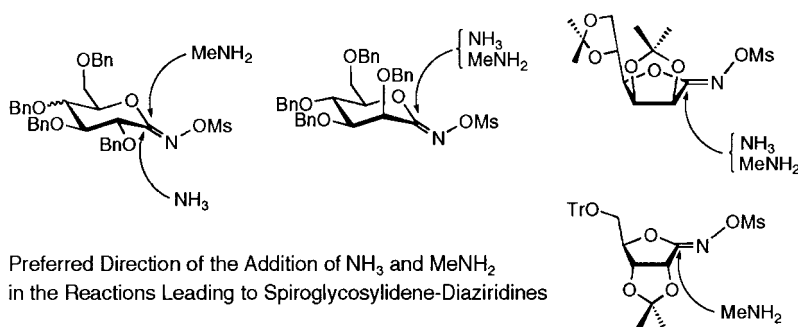


Glycosylidene Carbenes

Part 31. Glycosylidene Diaziridines: Stereoselective Addition of Ammonia and Methylamine to Lactone Oxime Sulfonates

B. Bernet, S. E. Mangholz, K. Briner, A. Vasella*

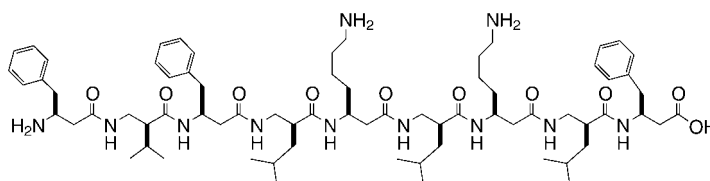
1488

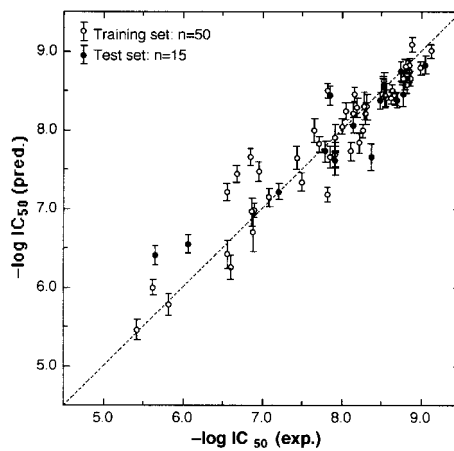


Syntheses and CD-Spectroscopic Investigations of Longer-Chain β -Peptides: Preparation by Solid-Phase Couplings of Single Amino Acids, Dipeptides, and Tripeptides

P. I. Arvidsson, J. Frackenpohl, D. Seebach*

1522

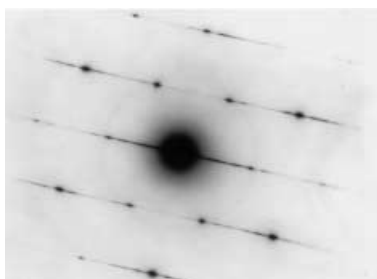




Crystals and Life

G. O. Arrhenius

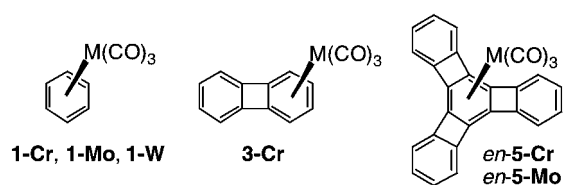
1569



Structural Effects of Group VI Metal Tricarbonyl Binding to Benzenoid Rings:
Interruption of Conjugation or Enhanced Aromaticity?

K. K. Baldrige, M. Nambu, J. S. Siegel*

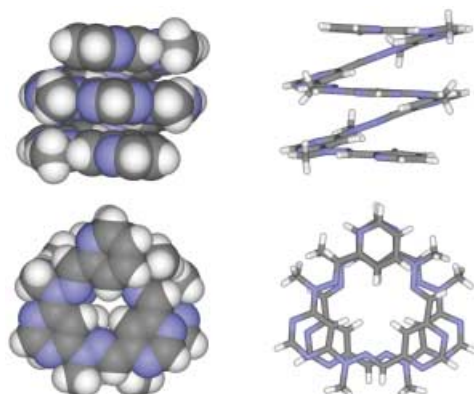
1587



Helicity-Encoded Molecular Strands: Efficient Access by the Hydrazone Route and Structural Features

*J.-L. Schmitt, A.-M. Stadler, N. Kyritsakas, J.-M. Lehn**

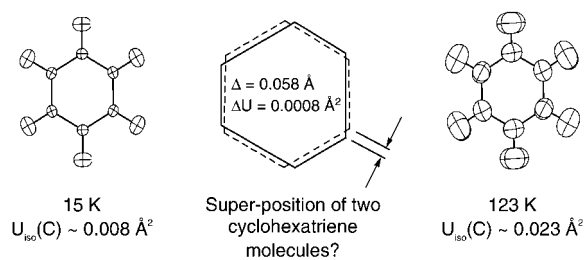
1598



Getting More out of Crystal-Structure Analyses

H.-B. Bürgi, S. C. Capelli*

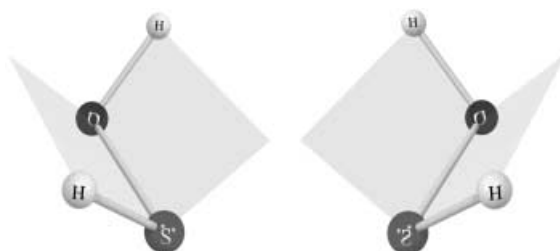
1625



Theory of Stereomutation Dynamics and Parity Violation in Hydrogen Thioperoxide Isotopomers $^{1,2,3}\text{HSO}^{1,2,3}\text{H}$

M. Quack, M. Willeke*

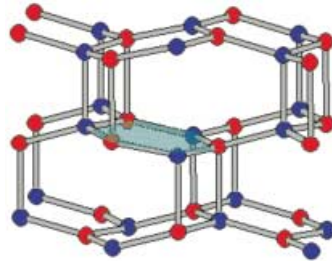
1641



The REME Phases
I. An Overview of Their Structural Variety

*M. D. Bojin, R. Hoffmann**

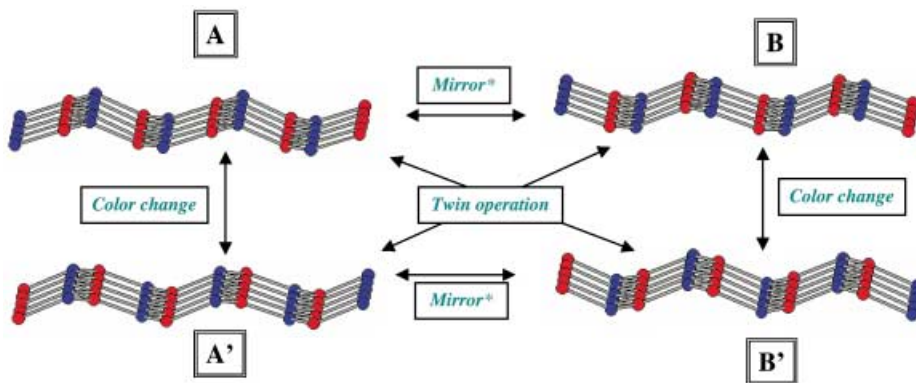
1653



The REME Phases
II. What's Possible?

*M. D. Bojin, R. Hoffmann**

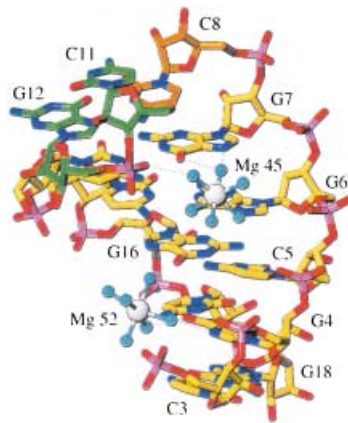
1683



Structure and Function of the Ribosomal Frameshifting Pseudoknot RNA from Beet Western Yellow Virus

M. Egli, S. Sarkhel, G. Minasov, A. Rich**

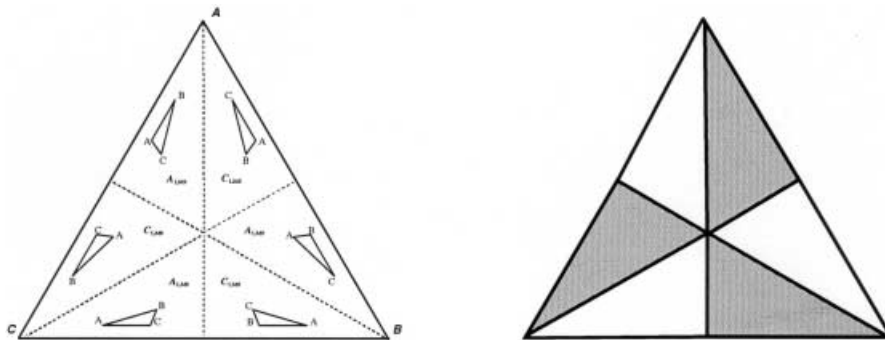
1709



Any Scalene Triangle Is the Most Chiral Triangle

A. Rassat, P. W. Fowler**

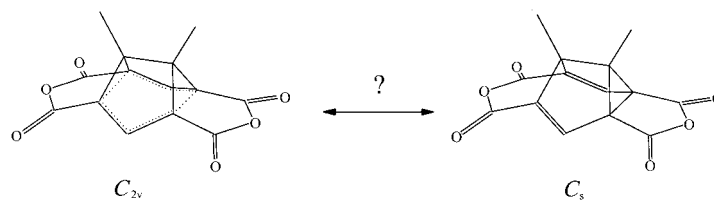
1728



Gas-Phase Electron-Diffraction Investigation and Quantum-Chemical Calculations of the Structure of 1,5-Dimethylsemibullvalene-2,4,6,8-tetracarboxylic Dianhydride

S. Samdal, A. D. Richardson, K. Hedberg*, V. R. Gadgil, M. M. Meyer, R. V. Williams

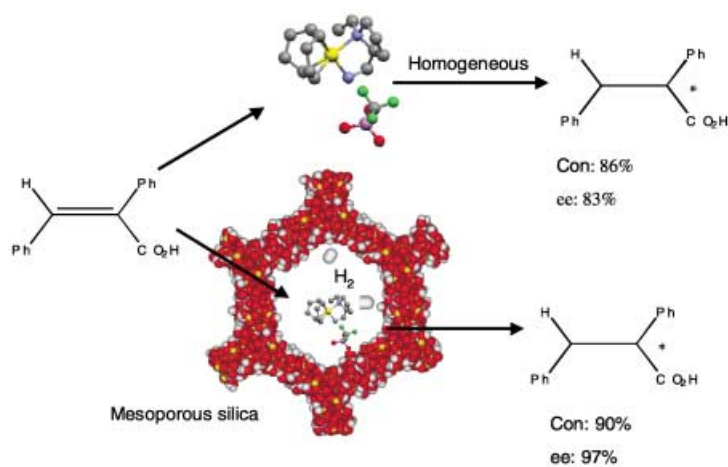
1741



Potent New Heterogeneous Asymmetric Catalysts

J. Rouzaud, M. D. Jones, R. Raja, B. F. G. Johnson*, J. M. Thomas*, M. J. Duer

1753



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