Journal of The Chemical Society Chemical Communications

ISSUED TWICE MONTHLY

JCCCAT (18) 933-972 (1981)

CONTENTS

Page	33.11.11.13	
933	A Novel Oxidative Insertion of a Metal Centre into a Degraded closo-borane cluster; Crystal and Molecula	
	Structure of the Ten-vertex iso-nido Cluster [{IrC(OH)B ₈ H ₆ (OMe)} (C ₆ H ₄ PPh ₂) (PPh ₃)] Janet E. Crook, Norman N. Greenwood, John D. Kennedy, and Walter S. McDonald	
934	On the Possible Role of the 3-Methylene Isomer of Deacetoxycephalosporin C in the Biosynthesis of Cephalosporins Jack E. Baldwin, Bulbul Chakravarti, Mankil Jung Narendra J. Patel, Pushpa D. Singh, John J. Usher, and Carlos Vallejo	
936	Considerable Reduction in Crystallization Time in the Preparation of a New Type of Zeolite Catalyst fo Olefin Synthesis from Methanol Tomoyuki Inui, Takayuki Ishihara, and Yoshinobu Takegam	
937	The Phosphinoethylsilyl Group as a Bifunctional Chelate. Asymmetric Induction at Platinum(II) Rupert D. Holmes-Smith, Stephen R. Stobart, T. Stanley Cameron, and Klaus Jochen	
939	MNDO SCF-MO Calculations of Kinetic Isotope Effects for Dehydrochlorination Reactions of Chloro alkanes Henry S. Rzepa	
940	General Synthetic Approach to the Quinolizidine Alkaloids via a [2+3]-Cycloaddition Seiichi Takano and Kozo Shishid	
942	Regiospecific Cycloaddition of 1-Substituted Isobenzofurans to Quinone Acetals Ronald N. Warrener, Brendon C. Hammer, and Richard A. Russel	
944	Direct Demonstration by ¹ H N.M.R. Spectrometry of the Stereoselectivity of Yeast Glyoxalase I towards the Diastereomeric Forms of the α-Ketoaldehyde-Glutathione Hemithioacetal Charles Brown, Kenneth T. Douglas, and J. Ghobt-Shari	
946	Novel Synthesis of the 7-oxo-1,3-diazabicyclo[3.2.0]heptane and 8-oxo-1,3-diazabicyclo[4.2.0]octane Ring Systems Clive L. Branch and Michael J. Pearson	
947	Synthesis of Potassium 3-Methyl-9-oxo-1,4-diazatricyclo[5.2.0.04,8]non-2-ene-2-carboxylate Michael J. Pearson	
948	Ruthenium Dioxide Hydrate, is it a Redox Catalyst? Andrew Mills and Mary Lou Zeeman	
950	Synthesis of Oxetans by Photocycloaddition of Aromatic Aldehydes to Hexamethyl(Dewar benzene) Howard A. J. Carless and Harish S. Trived	
951	Total Synthesis of (S)-(+)-Solanone Akira Kohda and Tadashi Sate	
952	The Reactions of Silyl Nitronates with Organolithium Reagents Ernest W. Colvin, Alan D. Robertson, Dieter Seebach, and Albert K. Bec	
953	A New Approach to Spirosesquiterpenes of the Acorane Family Duc Do Khac Manh, Jules Ecoto, Marcel Fetizon, Henri Colin, and Jose-Carlos Diez Mass	
955	Flash Photolysis of N-Bromo-3,3-dimethylglutarimide: Detection of the Imidyl Radical Roderick W. Yip, Yuan L. Chow, and Carol Beddard	

Contents-continued overleaf

For Notices to Authors, see issue 1, pp. 1 to 4

Contents-continued

Page	Contents Continued	
956	The Reaction of Trichlorosilyl Radicals with Cyclohexyl Oct Oxygen Atom Richard A. Jacks	tyl Ether. An S _H 2 Reaction at an Ether son, Farideh Malek, and Necla Özaslan
958	Surface Photochemistry: Radical Pair Combination on a Silica Gel Surface and in Micelles David Avnir, Linda J. Johnston, Paul de Mayo, and S. King Wong	
959	A Stereospecific Synthesis of $(4R)$ -Alkoxyazetidin-2-ones	Mario D. Bachi and Akiva Gross
960	Remarkably Easy One-electron Reduction of 16-Electron Molyb for the Formation of Alkoxy, Amido, Hydrazido, and Thiol dimethylpyrazolylborato-ligand	denum Nitrosyls: Mechanistic Implications ato Complexes Containing the Tris-3,5- Jon A. McCleverty and Nabil El Murr
962	Photochemical Transformations of Methoxyphthalaldehydic phthalaldehydate from the 3-Methoxy-isomer	Esters: Synthesis of Methyl 6-Methoxy-Michael E. Jung and Roberto B. Blum
963	Synthesis and X-Ray Structural Characterisation of $Rh_4(\mu\text{-}CO)_4(\mu\text{-}SO_2)_3[P(OPh)_3]_4.\frac{1}{2}C_6H_6$: A 'Butterfly' Cluster with an Unusual Bridging Mode for Sulphur Dioxide Clive E. Briant, Brian R. C. Theobald, and D. Michael P. Mingos	
965	Nitrogen Chemisorption on Reduced Titania and Titania-supp	oorted Nickel Catalysts obert Burch and Anthony R. Flambard
966		
968	Isotope Effects in Chemical Exchange Systems. Isotope Effect Resin and a Methanolic Solution	ts for Sodium between a Cation Exchange Arndt Knöchel and Rolf-Dieter Wilken
969	A New Type of Silicon-Tin Rearrangement Involving Neighbour Group	ring Group Participation of an α-Phosphoryl ekine, Akiko Kume, and Tsujiaki Hata
970	Silyl Phosphite Equivalents: 2,2,2-Trichloroethoxycarbonylphosphonates Mitsuo Sekine, Hikaru Yamagata, and Tsujiaki Hata	
971	A Novel Synthesis of 1,2,5-Benzoxathiazepines	Mangat Rai and (Miss) Baljit Kaur
972	Corrigendum	