

TABLE OF CONTENTS

Synthetic Applications of Diaryl Ether Photochemistry. A Review <i>by R. Pollard and P. Wan*</i>	1
Chemistry of N-Methoxy-N-methylamides. Applications in Synthesis. A Review <i>by M. P. Sibi</i>	15
Homoenolates and Other Functionalized Organometallics. A Review <i>by M. T. Crimmins* and P. G. Nantermet</i>	43
The Reactions of some Alkoxycarbonyl Isothiocyanates with Alcohols, Phenols and Amines <i>by A. R. Kairitzky*, M. K. Bernard, Q. Long, L. Xie, N. Malhotra and M. Beltzer</i>	83
A Simple Synthesis of 1-Hydroxyalkyl-1,2,3,4-tetrahydroisoquinolines <i>by L. Lázár, F. Fülöp, G. Bernáth* and J. Mattinen</i>	91
OPPI Briefs (<i>J.-P. Anselme, Editor</i>)	99
Acetylation of 4-Amino-4,5-dihydro-1H-1,2,4-triazol-5-ones <i>by A. A. Ikizler* and H. Yükses</i>	99
Synthesis of Some Benzothiazolobenzotriazepines <i>by M. V. Deshmukh and D. S. Deshpande*</i>	105
A New Route for the Synthesis of Z-11-Hexadecen-1-ol, a Sex Pheromone of <i>Chilo Infuscatellus</i> (SNELL) <i>by S. Narasimhan* and K. Ganeshwarprasad</i>	108
Synthesis of C-24 Thiazolidinone and Oxazolidinone Derivatives of Bile Acids <i>by A. U. Siddiqui*, A. H. Siddiqui and T. S. Ramaiah</i>	110
An Improved Synthetic Route to Trifluoromethyl-6-substituted-2(1H)-pyridones <i>by B. Narsaiah, A. Sivaprasad and R. V. Venkataratnam*</i>	116
A Convenient One-Pot Synthesis of Novel Functionalized Terphenyls <i>by V. V. Suresh and H. M. Chawla*</i>	118
A Convenient Synthesis of 2-Aminoalkyl Allyl Ethers <i>by A. Dobrev</i>	122
Preparation of Low Molecular Weight, Optically Active Allylic Alcohols from (S)-(-)-Ethyl Lactate <i>by J. C. McKew and M. J. Kurth*</i>	125
An Improved Preparation of 2,4-Dinitrophenyl Thioethers from Thiocarboxylic Esters <i>by K. Harano, M. Eto, S. Kubota and T. Hisano*</i>	130
A Convenient Preparation of N-Demethylidiltiazem and its Conversion to a Diltiazem Homolog <i>by J. Alexander</i>	133
The One-step Synthesis of <i>p-tert</i> -Butylcalix[5]arene <i>by D. R. Stewart and C. D. Gutsche*</i> ...	137
The Use of Isocyanides in Heterocyclic Synthesis. A Review <i>by S. Marcaccini and T. Torroba*</i>	141
An Efficient, Large-scale Synthesis of Triisopentadecanoic acid <i>by T. A. Foglia* and P. D. Vail</i>	209
Selenium Oxide Oxidation of Abieta-7,13-dienes in Methanol <i>by A. San Feliciano*, J. M. M. del Corral, M. Gordaliza and M. A. Salinero</i>	215
Convenient Synthesis of 6-Methyl, 8-Methyl and 6,8-Dimethyl Derivatives of 5-Hydroxy-1,2,3,4-tetrahydro-2-quinolinone <i>by D. Blondet*, F. Laure and J.-C. Pascal</i>	223

OPPI Briefs (<i>J.-P. Anselme, Editor</i>)	229
Improved Preparation of Aminomethylenemalonic Acid Derivatives by Tin-Promoted Addition of Diethyl Malonates to Nitriles <i>by M. Nicolini* and A. Citterio</i>	229
Improved and Convenient Synthesis of Disulfides in the Absence of Solvent Catalyzed by Clayfen <i>by H. M. Meshram</i>	232
Synthesis of 2-Dimethylamino-5-(α -Chloroalkenyl)-1,3-oxazin-6-ones <i>by E. M. Beccalli* and A. Marchesini</i>	234
The Synthesis of Two Bicyclo[4.3.0]nonane Derivatives <i>by C. W. Bird* and R. Cooper</i>	237
Michael Reaction of Fluorene and Indene by Phase-Transfer Catalysis <i>by Y. Chaoguo*, L. Wenxing and W. Jitao</i>	241
Preparation of the Racemate and Enantiomers of 3-Hydroxy-5,5-dimethylhexanoic Acid <i>by W. J. Brouillette*, A. S. Abuelyaman, C. A. Hosmer, R. N. Comber and A. Saeed</i>	243
An Efficient Preparation of 2H-[5,4-b]-Pyridoisothiazolone <i>by S. W. Wright* and R. L. Corbett</i>	247
An Improved Synthesis of 1-(<i>t</i> -Butyloxycarbonyl)-3-(bromomethyl)indole <i>by T. K. Venkatachalam, S. Mzengeza and M. Diksic*</i>	249
Synthesis of 3,6-Dimethoxy-2-naphthaldehyde <i>by A. M. Moussa*, J.-R. Yang and M. E. Langmuir</i>	252
A Practical Procedure for the Synthesis of 5-substitued γ -Lactams <i>by Z. Y. Wei and E. E. Knaus*</i>	255
Synthesis of Carcinogenic Benz[c]acridines. A Review <i>by N. Motohashi*, J. Emrani, R. Meyer and M. Kawase</i>	259
Synthesis of New Substituted Pyridazines <i>by A. H. H. Elghandour*, M. K. A. Ibrahim, I. S. A. Hafiz and M. H. Elnagdi</i>	293
Synthesis of Heterocyclic Compounds of Potential Biological Activity <i>via</i> the Stobbe Condensation <i>by V. B. Baghos, S. H. Doss* and E. F. Eskander</i>	301
Macrocyclic Syntheses: Cyclic Ketones, Ketoalkenes, Diketones and Dienes of Ring Size C ₂₁ to C ₂₆ <i>by M. D. E. Forbes* and Y. Dang</i>	309
1,1'-Carbonyldibenzotriazole and 1,1'-Sulfonyldibenzotriazole. Versatile Reagents for the Dehydration of Aldoximes and Amides to Nitriles <i>by A. R. Katritzky*, G.-F. Zhang and E.-Q. Fan</i>	315
Enantioselective Synthesis of (4R)-4-Nonanolide and (5R)-5-Decanolide from a Common Intermediate <i>by H. R. Mohan and A. S. Rao*</i>	321
OPPI Briefs (<i>J.-P. Anselme, Editor</i>)	327
Reaction of Pivaloylacetone nitrile with Aromatic Aldehydes <i>by K. Popandova-Yambolieva* and T. Iossifova</i>	327
A Convenient Synthesis of (\pm)-10-Methyl-2-tridecanone. The Pheromone of Southern Corn Rootworm <i>by A. Sharma, A. Pawar, S. Chattopadhyay and V. R. Mamdapur*</i>	330
A Short Synthesis of (11Z,15Z)-Eicosadienoic Acid. A Compound of Marine Sponge Origin <i>by B. A. Kulkarni, A. Chattopadhyay and V. R. Mamdapur*</i>	333
Convenient Synthesis of 2-Phenethyl Alcohol by Hydrolysis of 2-Bromoethylbenzene Under Phase-Transfer Conditions <i>by H. A. Zahalka* and Y. Sasson</i>	336

Improvement of the Vilsmeier-Haack Reaction by <i>D. Blaser, M. Calmes, J. Daunis*, F. Natt, A. Tardy-Delassus and R. Jacquier</i>	338
Synthesis of 2-Hydroxy-3-methylcyclopent-2-en-1-one from Linalyl Acetate by <i>M. L. dos Santos and G. C. de Magalhães*</i>	341
A Simple Synthesis of Brassilexin, a <i>Cruciferae</i> Phytoalexin by <i>M. Devys and M. Barbier*</i>	344
Vilsmeier Reaction of 3-Methyl-N-(4'-substituted)-azobenzenesulfonamido-2-quinoxal- alinone Dyes by <i>I. M. A. Awad</i>	347
New Chemical Conversions of 5-Hydroxymethylfurfural and the Electrochemical Oxidation of its Derivatives by <i>R. Skowronski*, G. Grabowski, J. Lewkowski, G. Descotes, L. Cottier and C. Neyret</i>	353
Synthesis of Pyrazoline and Isoxazoline Derivatives of Androstane Series by <i>A. U. Siddiqui*, D. Ramesh, Y. Satyanarayana, M. Srinivas, and A. H. Siddiqui</i>	356
Asymmetric Inductive Synthesis of α -Aminoarylacetic Acids in the Presence of β -Cyclodextrin by <i>W. Xu* and Y. Zhang</i>	360
A New Synthesis of Symmetric Piperazines Derivatives by <i>J.-C. Lancelot, B. Leotis and M. Robba*</i>	363
Samarium Triiodide Catalyzed Dithioacetal and Dithioketal Formation by <i>Y. Zhang*, Y. Yu and R. Lin</i>	365
A Convenient Synthesis of 7-Hydroxy-3-hydroxymethyl-4-phenyl-2-naphthoic Acid, Lactone Form by <i>J. F. Payack* and D. R. Bender</i>	368
Corrigendum	373
Synthesis of 9-Substituted Guanines. A Review by <i>F. P. Clausen* and J. Juhl-Christensen</i>	373
Recent Progress in the Preparation and Synthetic Uses of the Reactions of 3H-Pyrazoles. A Review by <i>T. Nagai* and M. Hamaguchi</i>	403
An Improved Preparation of (S)-N-(Boc)-Cyclohexylalaninal. The Moffat-Swern Oxidation of α -Aminoalcohols by <i>D. J. Krysan*, A. R. Haight, J. E. Lallaman, D. C. Langridge, J. A. Menzia, B. A. Narayanan, R. J. Pariza, D. S. Reno, T. W. Rockway, T. L. Stuk and J. H. Tien</i>	437
Synthesis of 5,5'-Difluoro-bapta-am, a Useful <i>in vivo</i> Probe for Calcium Determination by <i>P. E. Morris, Jr.</i>	445
Syntheses of Tetrasubstituted Cyclopentanes by <i>K. Somekawa*, M. Nomura, S. Aoki, S. Noma, and T. Shimo</i>	449
An Efficient Synthesis of Boc-Aminoacetaldehyde and its Application to the Synthesis of N-(2-Boc- Aminoethyl)glycine Esters by <i>K. L. Dueholm, M. Egholm and O. Buchardt*</i>	457
OPPI Briefs (<i>J.-P. Anselme, Editor</i>)	463
Lipase-Catalyzed Transacylation Reactions in Azeotropic Distillation by <i>G. Lin* and S.-H. Liu</i>	463
Thexyl- and Isopinocampheylhaloboranes as Stereoselective Reducing Agents by <i>J. S. Cha*, S. J. Min, J. M. Kim, O. O. Kwon and M. K. Jeoung</i>	466
Bromoacetaldehyde and Iodoacetaldehyde by Ozonolysis of Allyl Bromide and Allyl Iodide by <i>M. Jachak*, M. Mittelbach and H. Junek</i>	469
Synthesis of Spin-Labeled Triazenes by <i>Z. Raikov*, V. Gadzheva, M. Koch and G. Kolar</i>	473

An Improved Large-Scale Preparation of 3,3',4,4'-Tetraaminodiphenyl Ether by A. R. Katritzky*, Z. Yang and D. J. Cundy.....	478
Preparation and Reactions of Indolin-2(3H)-ones. A Review by G. M. Karp	481
The Lateral Metalation of Isoxazoles. A Review by N. R. Natale* and Y. R. Mirzaei	515
Preparation of Phenylglycolic Acids and Sodium <i>p</i> -(N,N-Dialkylamino)phenylglycolates by A. R. Katritzky*, B. Galuszka, S. Rachwal and D. Lynch	557
Facile Large-scale Synthesis of 5-Alkyluracils by H. Koroniak*, A. Jankowski and M. Krasnowski	563
Synthesis of 2-Aryl-4,5,6,7-tetrahydro-6,6-dimethyl-2H-benzo[d][1,2,3]triazol-4-ones by H. A. Hamid, A. Mousaad, M. Sayed and E. S. H. El Ashry*	569
OPPI Briefs (J.-P. Anselme, Editor)	577
An Improved Synthesis of 5-(3,4-Dimethoxyphenyl)-3-hydroxy-4-nitrocyclohexene by A. F. Ibañez*, A. R. Martinez and G. Y. Moltrasio Iglesias	577
An Improved Procedure for the Preparation of 1,6-Dicarboxyhex-3-ene by P. T. Deota* and S. Abid	579
A Facile Synthesis of <i>bis</i> (3-Aryl-3-oxo-1-propenyl)benzenes by J.-G. Shao, J.-F. Zhou, C.-Q. Liu and Q. Zhong*	581
An Improved Synthesis of 2-Methallyloxyphenol by V. B. Deodhar*, V. S. Dalavoy, U. R. Nayak	583
Synthesis of 1-Hydroxy-7-phenoxy-naphthalene by A. R. Katritzky*, M. Balasubramanian and M. Siskin*	587
Facile Synthesis of 2-Aryl-4H-3,1-benzoxazin-4-ones by D. V. Ramana* and E. Kantharaj	588
Preparation of <i>bis</i> (2,2,2-Trifluoroethyl)selenide and telluride and of <i>bis</i> (2,2,2-Trifluoroethyl)- diselenide and ditelluride by K. K. Bhasin*, V. Gupta, R. Khajuria and R. P. Sharma	590
Synthesis of Pentafluorophenyl-4-(<i>N</i> -maleimidomethyl)cyclohexane-1-carboxylate (FMCC) by M. Adamczyk* and D. Johnson	592
A Simple, Efficient Preparation of 1,1- <i>bis</i> (Trimethylsiloxy)-1,3-butadiene by G. S. Welmaker	595
A One-Step Preparation and Hetero Diels-Alder Dimerization of 2-Phenylpropenal by T. Laitalainen*, P. Kuronen and A. Hesso	597
A Simple and Practical Approach to Unsymmetrical Phenylureas by K. Ramadas* and N. Srinivasan	600
Thiopheno[3,2][1]benzazepine, benzo[3,4]cyclohepta[2,1-b]thiophenes, thiazolo- [5,4-d][1]benzazepine and benzo[3,4]cyclohepta[2,1-d]thiazoles by V. Peesapati* and N. Lingaiah.....	602
Progress in the Fischer Indole Reaction. A Review by D. L. Hughes.....	607
Synthesis of Dimethyl 1,4-Dihydroxy-5,6,8-trimethoxynaphthalene-2,3-dicarboxylate, a Key Intermediate for Fredericamycin A by R. S. Mali* and P. G. Jagtap	633
Synthesis of 2- <i>O</i> -Protected Glycerol Derivatives by J. M. Chong* and K. K. Sokoll	639
Synthesis of Functionalized Acrylates by M. Curci, J.-L. Mieloszynski and D. Paquer*	649

One-pot Synthesis of Novel 10-Aryl[1,2,4]triazolo[3',4':2,3][1,3,4]thiadiazepino[6,7-c]quinolin-6(5H)-ones by A. Jayashree and M. Darbarwar*	659
Synthesis of RL-252 Vanadyl Complex by M. W. Wilson and J. C. Hodges*	665
Preparation of Optically Active New Mercapto Chiral Auxiliaries Derived from Camphor by D.-S. Lee, S.-M. Hung, M.-C. Lai, H.-Y. Chu and T.-K. Yang*	673
OPPI Briefs (J.-P. Anselme, Editor)	681
A New Method for the Synthesis of Diacyl Selenides by Y. Zhang*, X. Jia and X. Zhou	681
Synthesis of N-Methylated Quinolones by J. N. Domínguez* and J. Charris	683
A Facile Synthesis of β -Damascone by P. A. Unnikrishnan	687
A Simple Procedure for the Preparation of (Methyl- and Phenylthio)aryloxyacetonitriles by A. Jończyk* and E.-H. Mutter	690
A Convenient Method for the Synthesis of Flavanones by the Selective Oxidation of Flavan-4-ols with Hypervalent Iodine by O. V. Singh	693
Chloroform-mediated DDQ Oxidation of N-Methoxyseptorinol, a Substance Isolated from the Fungus <i>Septoria Nodorum</i> Bark by M. Devys, M. Barbier*, J. F. Bousquet and A. Kollmann	696
Synthesis of Carbenoxolone Analogs from Argentatin B by R. Martínez*, Ma. del Rosario Arellano-García, M. Martínez-Vazquez and J. Gallegos A.	698
Simple and Convenient Procedure for the Preparation of 1-Methyl-4-nitrobenzimidazole by V. Milata* and D. Ilavský	703
Preparation of some 2,3-Dihydrobenzothiazole-2-carboxamides by H. P. Penner*, R. Garner and E. L. Scott, III	705
An Improvement in the Synthesis of 1,2,4,9-Tetrahydrocarbazol-3-one by W. A. Boulanger* and V. Dolsen	707
A Simple Preparation of 4-Amino-5-aryl-2H-imidazol-2-ones by M. Srivastava* and R. Lakhan	708
Corrigendum	711
Indexes	713