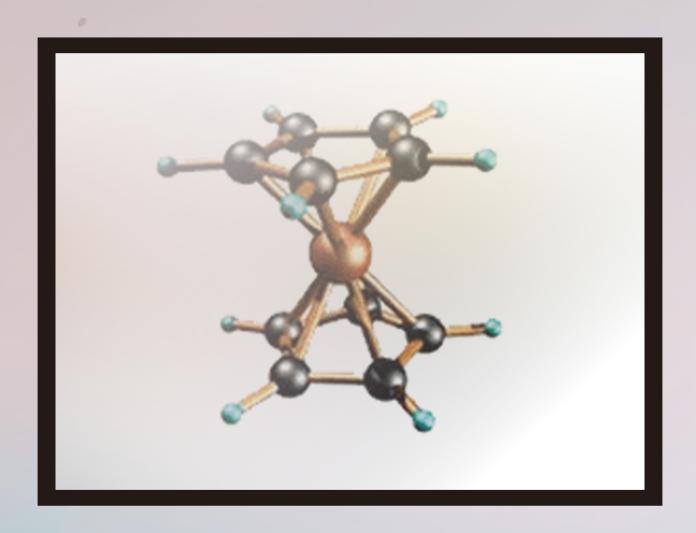


International Journal of Organic Chemistry





Journal Editorial Board

ISSN: 2161-4687 (Print), 2161-4695 (Online)

http://www.scirp.org/journal/ijoc

Editor-in-Chief

Dr. Bouzid Menaa Fluorotronics Inc., USA

Editorial Board

Prof. Pher G. AnderssonUppsala University, SwedenDr. Jacques AndrieuUniversite de Bourgogne, France

Dr. Daniel J. Canney Temple University, USA

Prof. Devdutt Chaturvedi Amity University Uttar Pradesh, India

Prof. Changle Chen Celanese Corporation, USA

Dr. David Yu-Kai ChenSeoul National University, South KoreaProf. Won-Jea ChoChonnam National University, South Korea

Dr. Jean-Christophe Cintrat Laboratoire de Chimie Combinatoire et de Criblages à Haut Débit, France

Prof. Maria do Ceu Goncalves da Costa National Laboratory of Energy and Geology, Portugal

Prof. Richard Daniellou University of Orleans, France

Prof. Mircea DarabantuUniversity Babes-Bolyai Cluj-Napoca, RomaniaProf. Valerian DragutanRomanian Academy of Sciences, Romania

Dr. Marta FerociUniversity "La Sapienza", ItalyDr. Giuseppe GattusoUniversity of Messina, Italy

Dr. Giuliano GiambastianiItalian National Research Council (CNR), Italy**Prof. Hyun-Joon Ha**Hankuk University of Foreign Studies, South Korea

Dr. Todd A. Houston Griffith University, Australia

Prof. Hsu-Shan Huang National Defense Medical Center (NDMC), Chinese Taipei

Prof. David Allen Hunt College of New Jersey, USA

Dr. Jalal Isaad Laboratoire de Génie et Matériaux Textiles (GEMTEX), France

Prof. Madeleine M. Joullié University of Pennsylvania, USA

Prof. Teruyuki Kondo Kyoto University, Japan

Dr. Vanya Bogdanova Kurteva Bulgarian Academy of Sciences, Bulgaria

Prof. Roberto Fernandez LafuenteConsejo Superior de Investigaciones Científicas, SpainProf. Gilles LemercierUniversité de Reims Champagne-Ardenne, FranceDr. Dasheng Jackson LeowNational Tsing Hua University, Chinese Taipei

Dr. Chen LiaoOak Ridge National Laboratory, USAProf. Emanuela LicandroUniversità degli Studi di Milano, ItalyProf. Yonghong LiuChinese Academy of Sciences, China

Dr. Victor Mamane Nancy University, France

Prof. Pedro Máximo Emilio Mancini Universidad Nacional del Litoral, Argentina

Prof. Joseph S. Merola Virginia Polytechnic Institute and State University, USA

Prof. Andrei V. Nikolaev University of Dundee, UK

Prof. Nagatoshi NishiwakiKochi University of Technology, JapanProf. Martin PomerantzThe University of Texas at Arlington, USA

Prof. Olivier RenaudetUniversity Joseph Fourier, FranceProf. Sylvain RoutierUniversity of Orléans, FranceProf. Orazio Taglialatela ScafatiUniversity of Naples, ItalyProf. Branco StanovnikUniversity of Ljubljana, SloveniaDr. Xue-Long SunCleveland State University, USAProf. Thies ThiemannUnited Arab Emirates University, UAEDr. Matteo TonezzerItalian National Research Council, Italy

Prof. Ramon Rios TorresUniversity of Southampton, UK

Prof. Didier Villemin Laboratoire de Chimie Moléculaire et Thioorganique (LCMT), France

Dr. Yanming WangCase Western Reserve University, USA

Prof. Piotr Pawel Wieczorek Opole University, Poland

Prof. Noriyuki Yonezawa Tokyo University of Agriculture and Technology, Japan

Volume 4 Number 3



September 2014

Table of Contents

Dehydrosulfurization of Aromatic Thioamides to Nitriles Using Indium(III) Triflate	
T. Mineno, Y. Takebe, C. Tanaka, S. Mashimo1	59
Highly Efficient, One Pot Synthesis and Oxidation of Hantsch 1,4-Dihydropyridines Mediated by Iodobenzene Diacetate (III) Using Conventional Heating, Ultrasonic and Microwave Irradiation	
K. Hussain, D. Wadhwa1	74
Synthesis and Characterization of New Chiral Monoanionic [ON] Ancillary Phenolate Ligands	
P. Binda, L. Glover	32
An Efficient Synthesis of 2,3-Diaminoacid Derivatives Using Phosphine Catalyst	
Y. Oe, H. Kishimoto, N. Sugioka, D. Harada, Y. Sato, T. Ohta, I. Furukawa1	89
Synthesis of Highly-Selective Fibrous Adsorbent by Introducing 2-Ethylhexyl Hydrogen-2-Ethylhexylphosphonate for Scandium Adsorption	
H. Hoshina, Y. Ueki, S. Saiki, N. Seko1	95
Reaction of Nitrilimines with 2-Aminopicoline, 3-Amino-1,2,4-Triazole, 5-Aminotetrazole and 2-Aminopyrimidine	
R. Y. Morjan, B. S. Qeshta, H. T. Al-Shayyah, J. M. Gardiner, B. A. Abu-Thaher, A. M. Awadallah2	Э1
Synthesis, Characterization and Utilization of Starch Hydroxypropyl Sulphate for Cationic Dye Removal	
A. A. Hebeish, A. A. Aly2	38

International Journal of Organic Chemistry (IJOC)

Journal Information

SUBSCRIPTIONS

The *International Journal of Organic Chemistry* (Online at Scientific Research Publishing, www.SciRP.org) is published quarterly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$69 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

SERVICES

Advertisements

Advertisement Sales Department, E-mail: service@scirp.org

Reprints (minimum quantity 100 copies)

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: sub@scirp.org

COPYRIGHT

COPYRIGHT AND REUSE RIGHTS FOR THE FRONT MATTER OF THE JOURNAL:

Copyright © 2014 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY). http://creativecommons.org/licenses/by/4.0/

COPYRIGHT FOR INDIVIDUAL PAPERS OF THE JOURNAL:

Copyright © 2014 by author(s) and Scientific Research Publishing Inc.

REUSE RIGHTS FOR INDIVIDUAL PAPERS:

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

DISCLAIMER OF LIABILITY

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

E-mail: ijoc@scirp.org

Call for Papers



International Journal of Organic Chemistry (IJOC)

ISSN 2161-4687 (Print) ISSN 2161-4695 (Online)

http://www.scirp.org/journal/ijoc

International Journal of Organic Chemistry (IJOC) is an international, specialized, English-language journal devoted to publication of original contributions concerning all fields of organic chemistry. It is an open-access, peer-reviewed journal describing the synthetic approached and the design of new molecules for applications in medicinal chemistry, but also for the synthesis of precursors for new materials (solid or liquid) that have an interest in materials sciences and nanotechnology, homogeneous and heterogeneous catalysis.

Editor-in-Chief

Dr. Bouzid Menaa

Fluorotronics Inc., USA

Editorial Board

Prof. Pher G. Andersson
Dr. Jacques Andrieu
Dr. Daniel J. Canney
Prof. Devdutt Chaturvedi
Prof. Changle Chen
Dr. David Yu-Kai Chen
Prof. Won-Jea Cho
Dr. Jean-Christophe Cintrat
Prof. Maria do Ceu Goncalves da Costa
Prof. Richard Daniellou
Prof. Mircea Darabantu
Prof. Valerian Dragutan
Dr. Marta Feroci
Dr. Giuseppe Gattuso
Dr. Giuliano Giambastiani

Dr. Todd A. Houston Prof. Hsu-Shan Huang Prof. David Allen Hunt Dr. Jalal Isaad Prof. Madeleine M. Joullié Prof. Teruvuki Kondo Dr. Vanya Bogdanova Kurteva Prof. Roberto Fernandez Lafuente Prof. Gilles Lemercier Dr. Dasheng Jackson Leow Dr. Chen Liao Prof. Emanuela Licandro Prof. Yonghong Liu Dr. Victor Mamane Prof. Pedro Máximo Emilio Mancini Prof. Joseph S. Merola

Prof. Andrei V. Nikolaev
Prof. Nagatoshi Nishiwaki
Prof. Martin Pomerantz
Prof. Olivier Renaudet
Prof. Sylvain Routier
Prof. Orazio Taglialatela Scafati
Prof. Branco Stanovnik
Dr. Xue-Long Sun
Prof. Thies Thiemann
Dr. Matteo Tonezzer
Prof. Ramon Rios Torres
Prof. Didier Villemin
Dr. Yanming Wang
Prof. Piotr Pawel Wieczorek
Prof. Noriyuki Yonezawa

Subject Coverage

Prof. Hyun-Joon Ha

Contributions that concerns with analytical characterization, advanced techniques and the studies of properties for new synthesized molecules will also be highlighted. All manuscripts must be prepared in English, and are subject to a rigorous and fair peer-review process. Accepted papers will immediately appear online followed by printed hard copy. The journal publishes original papers including but not limited to the following fields:

- Fluorescent Molecules and Dyes
- Organo-Metallics
- Polymers
- Surfactants among Others
- Synthesis of Reagents

The journal publishes the highest quality original full articles, communications, notes, reviews, special issues and books, covering both the experimental and theoretical aspects of organic chemistry.

Notes for Intending Authors

Papers are acceptable provided they report important findings, novel insights or useful techniques within the scope of the journal. All manuscript must be prepared in English, and are subjected to a rigorous and fair peer-review process. Accepted papers will immediately appear online followed by prints in hard copy. It will be available through http://www.scirp.org/journal/ijoc.

Website and E-Mail

http://www.scirp.org/journal/ijoc Email: ijoc@scirp.org