

ISSN 1070-4280

CODEN: RJOCEQ

RUSSIAN JOURNAL OF ORGANIC CHEMISTRY

Editor-in-Chief
Irina P. Beletskaya

Pleiades
Publishing Group
Over **50** years
in the service of
science and education

<https://pleiades.online>
<https://link.springer.com>



PLEIADES GROUP OF COMPANIES

Distributed by **SPRINGER NATURE**



Volume 61, Issue 2
February 2025

ISSN 1066-3693
CODEN RJOCHD

21 articles in this issue

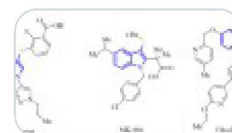
Synthetic Approaches to 2-Aminopyridine-3-carbonitriles (A Review)

REVIEW | 15 April 2025 | Pages: 195 - 211

Synthesis of Cyclohex-3-en(ane)-, 1-Methylcyclohex-3-en(ane)-, and 5-Alkylphenyl-substituted Dodecacarboxylic Acids

RESEARCH PAPER | 15 April 2025 | Pages: 212 - 216

Synthesis of 1,2-Disubstituted-3-thioindoles by the Madelung Reaction



RESEARCH PAPER | 15 April 2025 | Pages: 217 - 224

Synthesis of New Pyrimidine-2,4,6(1*H*,3*H*,5*H*)-trione Derivatives

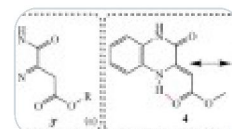
RESEARCH PAPER | 15 April 2025 | Pages: 225 - 234

Reaction of Substituted Dinitroacetonitriles with Isoquinoline in the Presence of Dimethyl But-2-yne-1,4-dioate



RESEARCH PAPER | 15 April 2025 | Pages: 235 - 238

Reaction of Maleimides and Itaconimides with Carboxymethyleneazine Binucleophiles

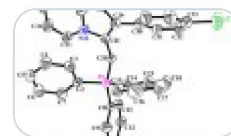


RESEARCH PAPER | 15 April 2025 | Pages: 239 - 252

Synthesis of (3a*S*,4*S*,6a*R*)-2-Oxo-3,3a,4,6a-tetrahydro-2*H*-cyclopenta[*b*]furan-4-yl Acetate as a Key Synthon for (–)-Galiellalactone

RESEARCH PAPER | 15 April 2025 | Pages: 253 - 257

Reaction of [(*E*)-3-Aryl-3-oxoprop-1-en-1-yl]triphenylphosphonium Bromides with 2-Aminopyridine

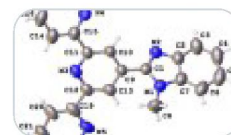


RESEARCH PAPER | 15 April 2025 | Pages: 258 - 262

Reduction of the Peroxide Products of Cyclooctene Ozonolysis with Sebacic Acid Dihydrazide

RESEARCH PAPER | 15 April 2025 | Pages: 263 - 266

Synthesis of New 2,2':6',2''-Terpyridin Series with Directly Linked Benzimidazole Moieties



RESEARCH PAPER | 15 April 2025 | Pages: 267 - 271

Synthesis and Evaluation of Novel Dimethyltriazene Epoxide and 2-Thioxotetrahydropyrimidin-5(2*H*)-one Derivatives as Potential Anticancer Agents

RESEARCH PAPER | 15 April 2025 | Pages: 272 - 279

Design, Synthesis, and Molecular Docking Study of New Indole Derivatives as BRD4 Inhibitors

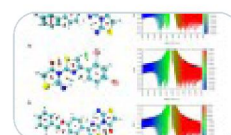


RESEARCH PAPER | 15 April 2025 | Pages: 280 - 287

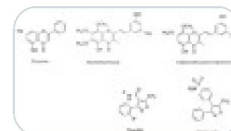
Synthesis, Identification, and Antioxidant Activity Evaluation of New Diazine 2-Sulfanylbenzoxadiazole Derivatives

RESEARCH PAPER | 15 April 2025 | Pages: 288 - 291

2-Iminothiazolidin-4-one Derivatives: Synthesis, Characterization, and Quantum-Chemical Calculations

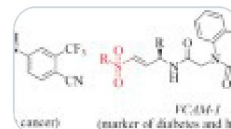


Synthesis of a New Class of Functionalized Isoxazole/Isoxazoline Styrylchromone Derivatives



RESEARCH PAPER | 15 April 2025 | Pages: 312 - 319

Tetrabutylammonium Iodide-Catalyzed Oxidative Coupling of Enol Acetates with Sodium Sulfinates: A Mild Access to β -Keto Sulfones



RESEARCH PAPER | 15 April 2025 | Pages: 320 - 329

[BMIM]BF₄-Mediated Multicomponent Synthesis of *N*-[(2-Hydroxynaphthalen-1-yl)(1*H*-pyrazol-5-yl)methyl]acetamides



RESEARCH PAPER | 15 April 2025 | Pages: 330 - 337

Helical Poly(phenyl isocyanide)-Supported (*R,R*)-(-)-1,2-Diaminocyclohexane Catalyst for Direct Asymmetric Aldol Reaction

RESEARCH PAPER | 15 April 2025 | Pages: 338 - 345

An Expeditious Solid-Phase Synthesis of 2-Aryl-cyclohepta[*b*]pyran-4,9-diones under Solvent-Free Conditions

RESEARCH PAPER | 15 April 2025 | Pages: 346 - 351

Synthesis, Characterization, and Pharmacokinetic Study of Novel 1,2,3-Triazolo/amido Hydroquinone Derivatives as Anticancer and Antibacterial Agents



RESEARCH PAPER | 15 April 2025 | Pages: 352 - 360

Asymmetric Reductive Heck Cyclization of 3-(Adamantan-1-yl)-1-(2-bromophenyl)prop-2-en-1-one: Highly Enantioselective Synthesis of 3-(Adamantan-1-yl)indan-1-one

