Synthesis

Reviews and Full Papers in Chemical Synthesis

June 16, 2021 • Vol. 53, 2015–2166



Access to Highly Substituted Pyrimidine *N*-Oxides and 4-Acetoxymethyl-Substituted Pyrimidines via the LANCA Three-Component Reaction–Cyclocondensation Sequence

L. Schefzig, T. Kurzawa, G. Rancan, I. Linder, S. Leisering, M. K. Bera, M. Gart, R. Zimmer, H.-U. Reissig



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Synthesis

Reviews and Full Papers in Chemical Synthesis

2021 Vol. 53, No. 12 June II

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Synthesis 2021, 53, 2029–2042 DOI: 10.1055/a-1372-6627

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Functionalization



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VI

Syn<mark>thesis</mark>

Synthesis **2021**, 53, 2051–2056 DOI: 10.1055/s-0040-1706644

C. He

Z. Wang

Y. Chen

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VII





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70-96%

27 examples

VIII



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Synthesis **2021**, 53, 2114–2132 DOI: 10.1055/a-1360-9716

S. Wang

- A. S. Filatov S. V. Lozovskiy
- S. V. Shmakov
- O. V. Khoroshilova
- A. G. Larina
- S. I. Selivanov
- V. M. Boitsov*
- A. V. Stepakov*

Saint Petersburg State University, Saint Petersburg Academic University Nanotechnology Research and Education Centre RAS, Pavlov First Saint Petersburg State Medical University, and Saint Petersburg State Institute of Technology, Russian Federation Construction of Spiro[3-azabicyclo[3.1.0]hexanes] via 1,3-Dipolar Cycloaddition of 1,2-Diphenylcyclopropenes to Ninhydrin-Derived Azomethine Ylides Paper 2114





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Synthesis **2021**, 53, 2142–2154 DOI: 10.1055/s-0040-1705993

K. Dziuba* S. Frynas K. Szwaczko*

Marie Curie-Sklodowska University in Lublin, Poland

Knoevenagel Condensation of Phosphinoylacetic Acids with Aldehydes: An Efficient One-Pot Strategy for the Synthesis of P-Functionalized Alkenyl Compounds

Transition-metal-free approach to alkenylphosphine oxides



Syn thesis

Synthesis **2021**, 53, 2155–2166 DOI: 10.1055/a-1348-9031

A. V. Budeev

G. Kantin D. Dar'in* M. Krasavin*

Saint Petersburg State University, Russian Federation Immanuel Kant Baltic Federal University, Russian Federation

Continued Exploration of Trifunctional Alkyl 4-Chloro-2-diazo-3oxobutanoates: Streamlined Entry into [1,2,3]Triazolo[5,1-c][1,4]benzoxazines and [1,2,3]Triazolo[5,1-c][1,4]benzoxazepines

Paper 2155

2142

