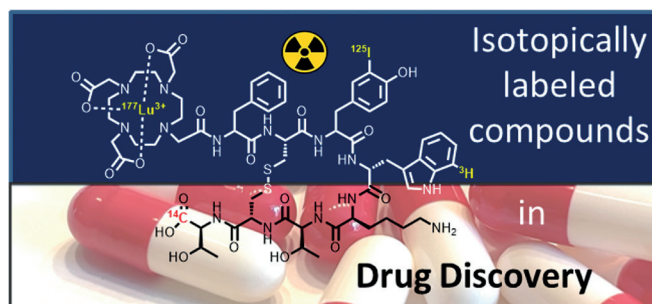


Special Topic

Isotopic Labeling

Editors: Manuel van Gemmeren, Matthias Beller



Method Development and Syntheses Examples of Isotopically Labeled Compounds to Foster Operational Excellence in Pharma Industry

A. Sib, V. Derdau

19

Synlett

Synlett 2024, 35, 2153–2154
DOI: 10.1055/s-0043-1773498

M. van Gemmeren*
M. Beller*

Christian-Albrechts-Universität
zu Kiel, Germany
Leibniz-Institut für Katalyse,
Germany

Late-Stage C–H Deuteration of Organic Compounds via Ligand-Enabled Palladium-Catalyzed Hydrogen Isotope Exchange



Cluster

2153

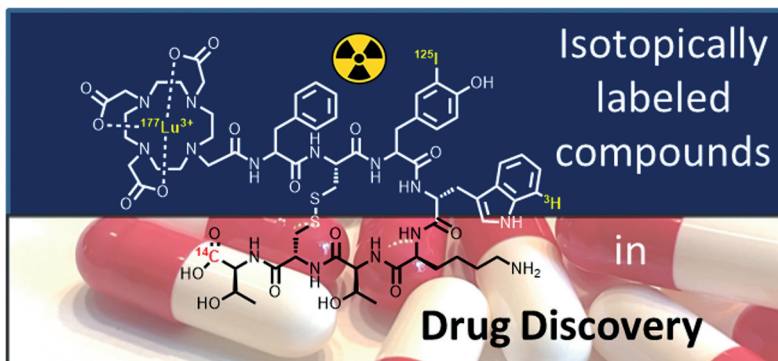
Synlett

Synlett 2024, 35, 2155–2173
DOI: 10.1055/a-2222-1667

A. Sib
V. Derdau*

Sanofi-Aventis Deutschland GmbH,
Germany

Method Development and Syntheses Examples of Isotopically Labeled Compounds to Foster Operational Excellence in Pharma Industry



Account

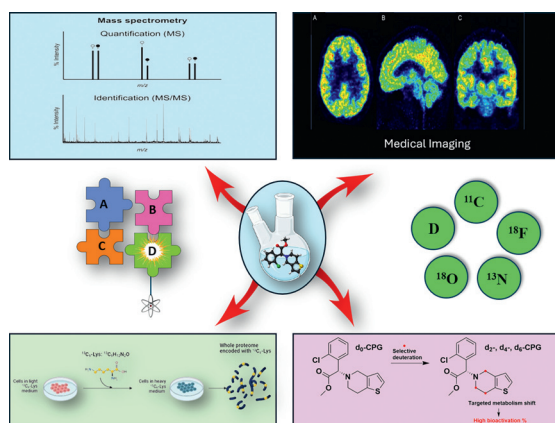
2155

Synlett

Multicomponent Reactions: A Promising Approach to Isotope Labeling

Account

2174

Synlett 2024, 35, 2174–2190
DOI: 10.1055/a-2331-6399S. Xiao
A. Conte
B. T. Cornelissen
A. Domling*
P. H. Elsinga*University of Groningen, The Netherlands
Palacký University in Olomouc, Olomouc, Czech Republic

Synlett

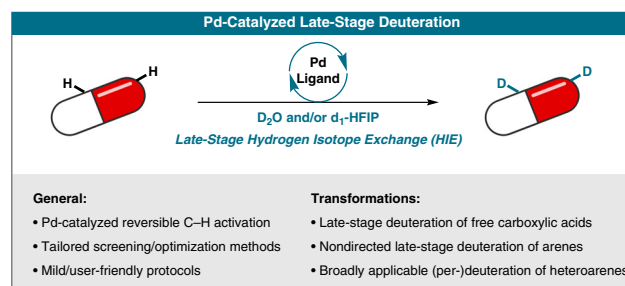
Late-Stage C–H Deuteration of Organic Compounds via Ligand-Enabled Palladium-Catalyzed Hydrogen Isotope Exchange

Account

2191

Synlett 2024, 35, 2191–2200
DOI: 10.1055/s-0042-1751566J. Dey
M. van Gemmeren*

Christian-Albrechts-Universität zu Kiel, Germany



Synlett

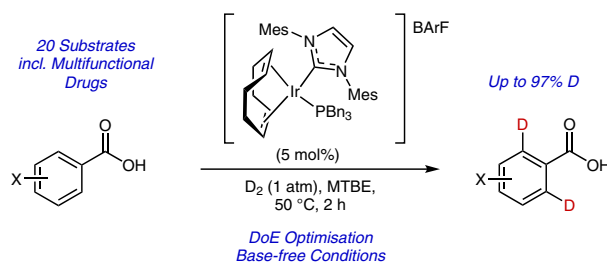
Directing Hydrogen Isotope Exchange with Aryl Carboxylic Acids

Letter

2201

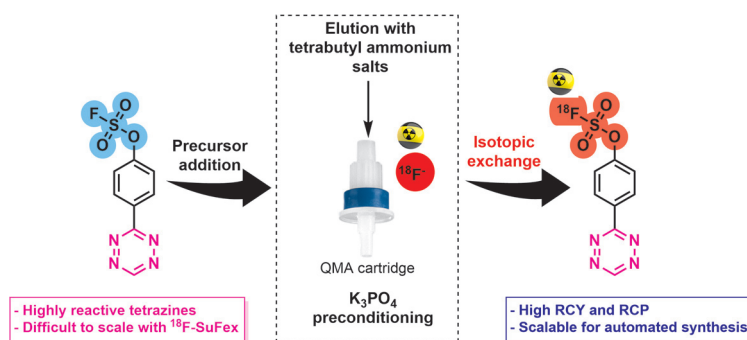
Synlett 2024, 35, 2201–2206
DOI: 10.1055/a-2239-6965R. J. Mudd
M. Reid
L. C. Paterson
J. Atzrodt
V. Deraud
W. J. Kerr*

Department of Pure and Applied Chemistry, Scotland, UK, G1 1XL



Synlett 2023, 34, 2207–2211
DOI: 10.1055/a-2147-9303

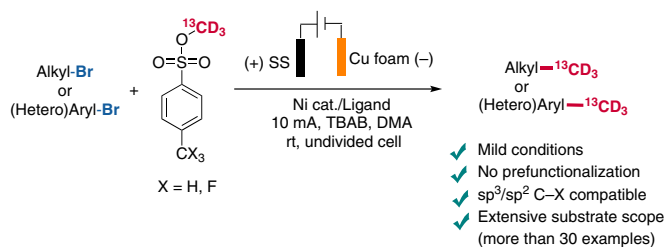
U. M. Battisti
M. Müller
R. García-Vázquez
M. M. Herth*
University of Copenhagen,
Denmark



Synlett 2024, 35, 2212–2216
DOI: 10.1055/s-0042-1751558

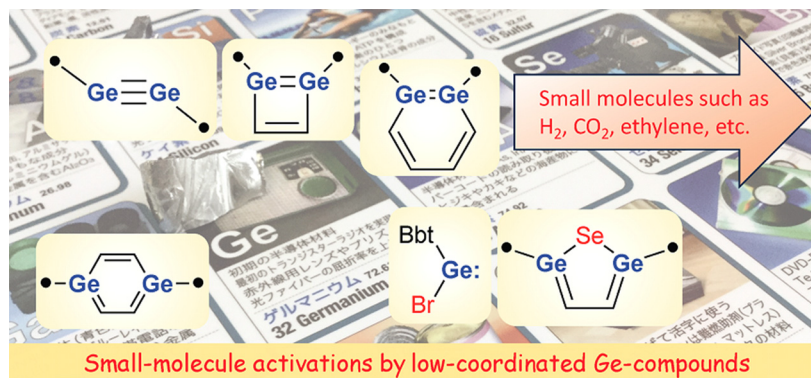
J. Steverlynck
R. Sitdikov
P. Nikolaienko
A. P. Kale
M. Rueping*

King Abdullah University of Science and Technology (KAUST), Saudi Arabia



Synlett 2024, 35, 2217–2228
DOI: 10.1055/a-2245-6718

T. Sasamori*
University of Tsukuba, Japan

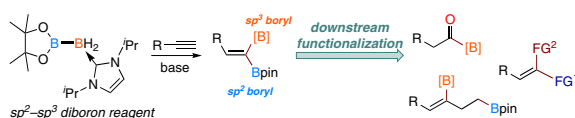


Synlett

Stereoselective Synthesis of Unsymmetrical 1,1-Diborylalkenes

Synfacts

2229

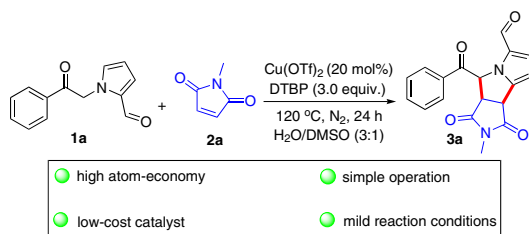
Synlett 2024, 35, 2229–2235
DOI: 10.1055/s-0042-1751580X. Lou
J. Lin
H. Lyu*The Chinese University of Hong
Kong, P. R. of China

Synlett

Synthesis of Fused-Ring Pyrrolizine Derivatives via a Copper-Catalyzed Radical Cascade Cyclization

Letter

2236

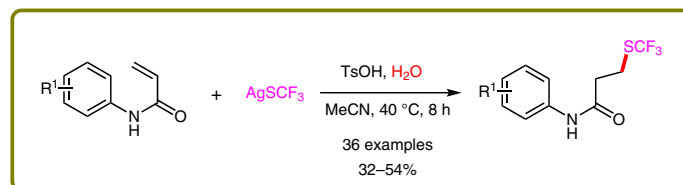
Synlett 2024, 35, 2236–2240
DOI: 10.1055/a-2290-1682X.-B. Xu
L.-Q. Hao
X. Liu
Y.-Y. Wang
Z.-Z. Yang
X. Yu
D. Ding*
Y.-F. Ji*East China University of Science
& Technology, P. R. of China
Fuan Pharmaceutical Group,
Chongqing Bosen Pharmaceuti-
cal Co., Ltd., P. R. of China

Synlett

AgSCF₃ Radical Addition Based on an Oxidant-Free α,β -Amide (Trifluoromethyl)sulfanylation Reaction

Letter

2241

Synlett 2024, 35, 2241–2245
DOI: 10.1055/s-0043-1763759Z.-B. Li
J. Zhang
Y.-R. Shi
H. Li
M.-G. Yang
W.-Q. Zhu
Q.-W. Fan
Y. Li*School of Environmental and
Chemical Engineering, P. R. of
China

Synlett 2024, 35, 2246–2250
DOI: 10.1055/a-2382-3010

M.-X. Hu
P. Chen
L.-W. Miao
J. Shi
Y.-J. Jiang*

Key Laboratory of Advanced
Mass Spectrometry and Molecu-
lar Analysis of Zhejiang Province,
P. R. of China

