



ILV

Institut Lavoisier de Versailles

(2024) CATALYSES ET HÉTÉROCYCLES

<< Retour

2025
2017

2024
2016

2023

2022

2021

2020

2019

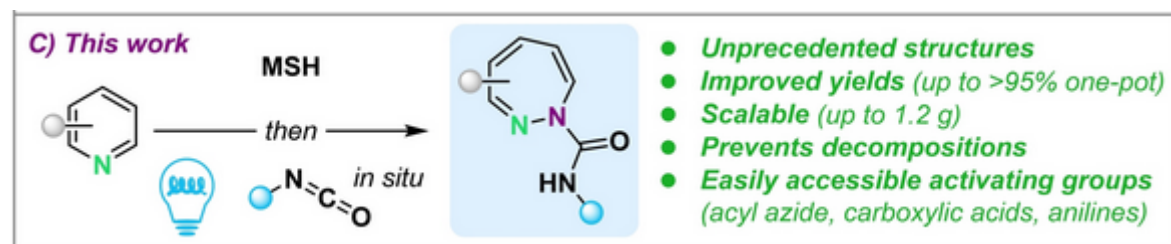
2018

C. Ghiazza, A. Damond, J. Marrot, X. Moreau

Improving the Photochemical Skeletal Enlargement of Pyridines to 1,2-Diazepines with Isocyanates

Adv. Synth. Catal. **2024**, online version.

DOI: 10.1002/adsc.202401201



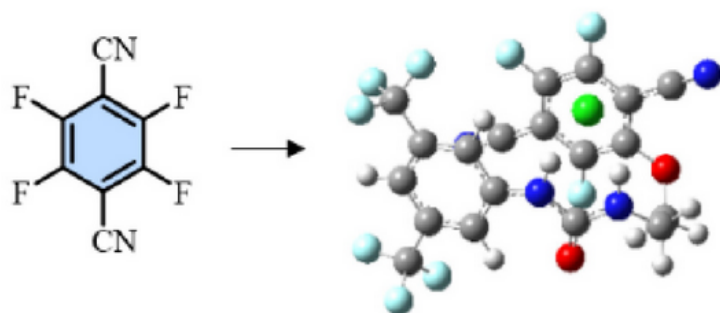
O. Zayene, R. Plais, L. Rolhion, F. Bourdreux, G. Pieters, A. Gaucher, G. Clavier, A.

Cœuret, J. Salpin, D. Prim

Tetrafluoroterephthalonitrile as an anion- donor: theoretical evaluation and application to anion recognition

Chemistryselect **2024**, 9, e202302763

10.1002/slct.202302763



DFT ✓, NMR ✓, Photophysics ✓, Mass ✓

H. G. L. de Sousa, D. Prim, F. Bourdreux, L. F. Gil

Synthesis and application of a new chitosan derivative for adsorption of Cu(II) and oxyanions of Cr(VI) from aqueous solution

J. Env Eng and Sci **2024**, 19, 223

DOI : 10.1680/jenes.23.00010

X. Moreau, C. Ghiazza

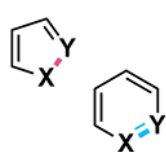
Modern Dearomative Enlargement of Heteroaromatic Rings

Synthesis **2024**, 56, 3119

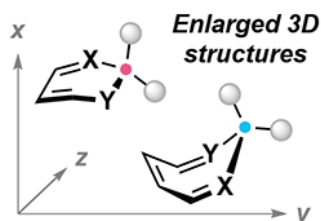
10.1055/a-2335-8799

Dearomative Enlargement Reactions

Aromatic & flat



Atom
Insertion



Enlarged 3D
structures

5- and 6-membered
heteroaromatic rings

Unusual new
heterocycles

Inserted atoms:
C, N, O, B,
Si, P, Ti & Ge

E. Boudry, F. Bourdreux, J. Marrot, X. Moreau, C. Ghiazza

Dearomatization of Pyridines: Photochemical Skeletal Enlargement for the Synthesis of 1,2-Diazepines

J. Am. Chem. Soc. **2024**, 146, 2845

10.1021/jacs.3c14467

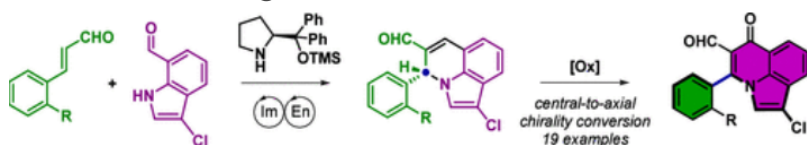


T. Khlifi, C. Jbilou, A. Leblais, J. Marrot, P. Nun, C. Ghiazza, I. Chataigner, V. Coeffard, X. Moreau

Atroposelective Construction of Axially Chiral 2-Aryl-Pyrroloquinolones

Org. Lett. **2024**, 26, 6725

10.1021/acs.orglett.4c02366



J. Alhoussein, J. Marrot, K. Wright*, F. Couty†, X. Moreau, B. Drouillat

Synthesis of 2-tetrazolyl azetidines and their evaluation in organocatalysis

Tetrahedron **2024**, 158, 134002

10.1016/j.tet.2024.134002

