



# ILV

## Institut Lavoisier de Versailles

### (2020) CATALYSES ET HÉTÉROCYCLES

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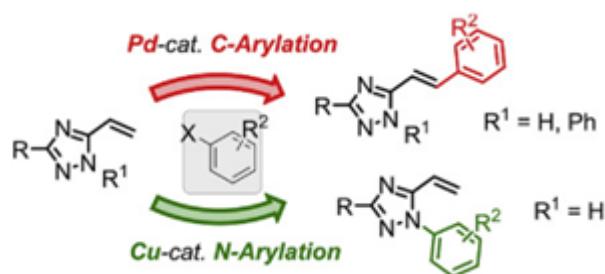
2022      2021      2020      2019      2018      2017      2016

S. Azzouni, A. Gaucher, D. Prim, M. L. Efrit

**Orthogonal arylations of 5-vinyl-1,2,4-triazoles.**

*Tetrahedron* **2020**, *76*, 130954.

DOI : 10.1016/j.tet.2020.130954

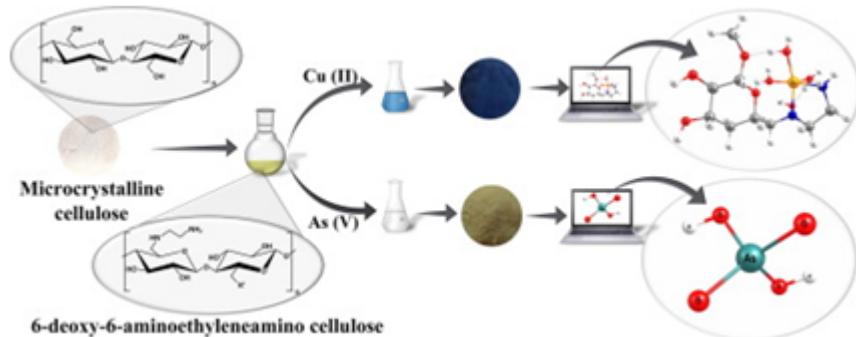


A. R Pereira, L. C. Soares, F. S. Teodoro, M. M. Cota Elias, G. M. Dias Ferreira, R. M. Leal Savedra, M. F. Siqueira, C. Martineau-Corcos, L. H. Mendes da Silva, D. Prim, L. V. A. Gurgel

**Aminated cellulose as a versatile adsorbent for batch removal of As(V) and Cu(II) from mono- and multicomponent aqueous solutions**

*J. Colloid Int. Sci.* **2020**, *576*, 158.

DOI : [10.1016/j.jcis.2020.04.129](https://doi.org/10.1016/j.jcis.2020.04.129)

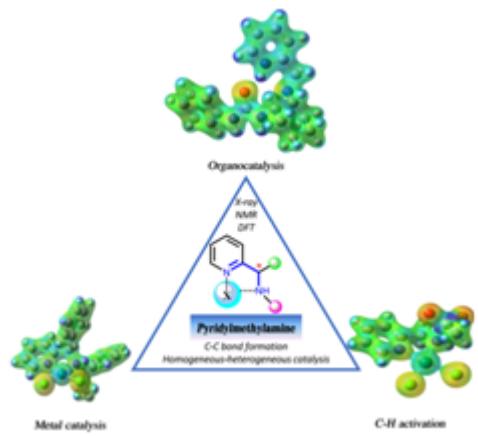


B. Large, R. Plais, A. Gaucher, D. Prim,

**Pyridylmethylamines a modular and underrated family of ligands in both metal- and organo-catalysis**

*Vietnam J. Chem.* **2020**, *58*, 404.

DOI : [10.1002/vjch.202000031](https://doi.org/10.1002/vjch.202000031).

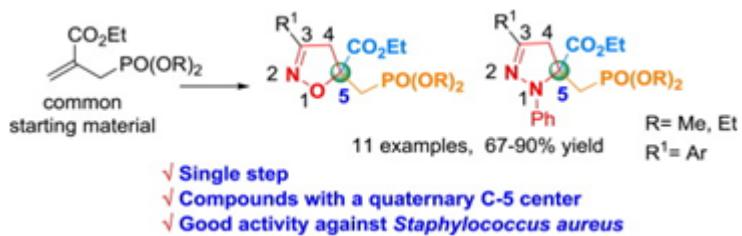


A. Abdelli, H. Gharsa, M. Jmaï, A. Gaucher, M. L. Efrit, H. M'rabet, D. Prim

**Versatile approach to densely substituted isoxazolines and pyrazolines: focus on a quaternary carbon center as a constitutive feature**

*Tetrahedron Lett.* **2020**, *61*, 151958

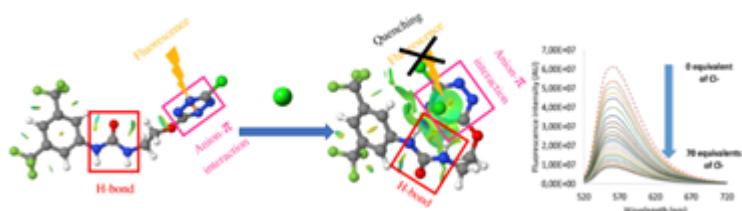
DOI : [10.1016/j.tetlet.2020.151958](https://doi.org/10.1016/j.tetlet.2020.151958).



R. Plais, G. Gouarin, A. Gaucher, V. Haldys, A. Brosseau, G. Clavier, J.-Y. Salpin, D. Prim  
**Intertwined detection and recognition roles of tetrazine in synergistic anion- and H-bond based anion receptor**

*ChemPhysChem* 2020, 21, 1249.

DOI : 10.1002/cphc.202000289.

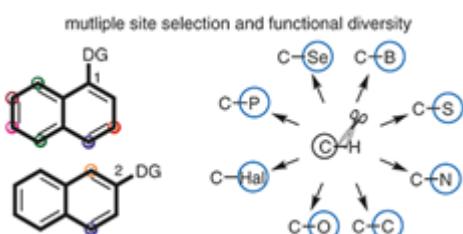


B. Large, D. Prim

**C-H functionalisation strategies in the naphthalene series: site selections and functional diversity**

*Synthesis* 2020, 2600.

DOI : 10.1055/s-0040-1707855.

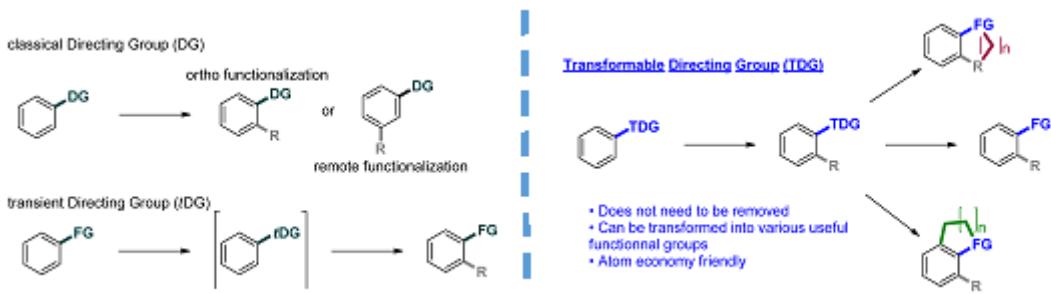


B. Large, V. Terrasson, D. Prim

**Tosylamides in C-H functionalization: more than a simple directing group**

*Processes* 2020, 8(8), 981.

DOI : 10.3390/pr8080981.

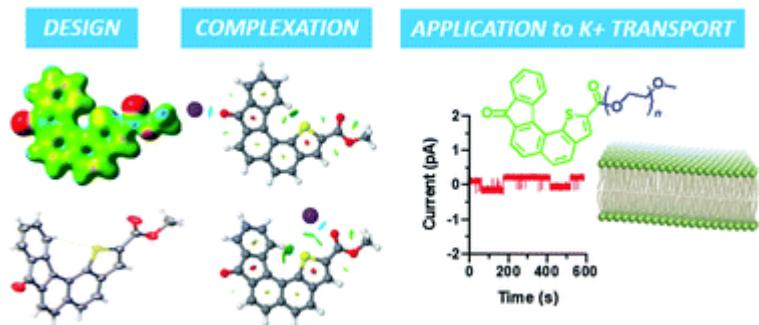


H. Boufroura, R. Plais, S. Poyer, A. Gaucher, J. Marrot, G. Clavier, F.-X. Legrand, C. Huin, P. Guégan, D. Prim, J.-Y. Salpin

## Helically-shaped cation receptor: design, synthesis, characterisation and first application to ion transport

*RSC Advances* **2020**, *10*, 31670.

DOI : [10.1039/d0ra05519k](https://doi.org/10.1039/d0ra05519k).

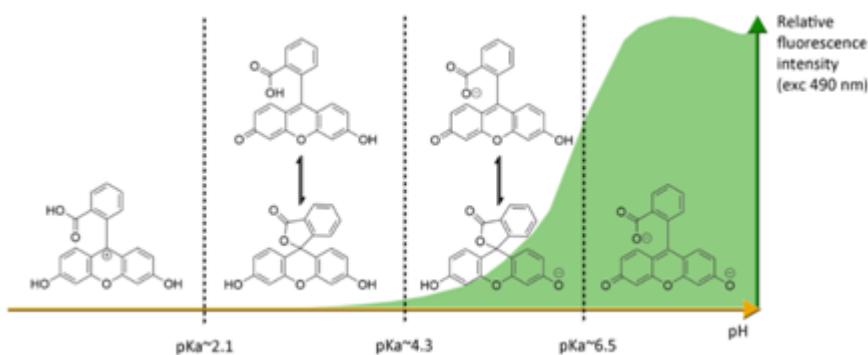


F. Le Guern, V. Mussard, A. Gaucher, M. Rottman, D. Prim

## Fluorescein derivatives as fluorescent probes for pH monitoring along recent biological applications

*Int. J. Molecular Sciences* **2020**, *21*, 9217.

DOI : [10.3390/ijms21239217](https://doi.org/10.3390/ijms21239217).



P. De Bonfils, E. Verron, C. Sandoval-Altamirano, P. Jaque, X. Moreau, G. Gunther, P. Nun, V. Coeffard

**Unusual oxidative dealkylation strategy toward functionalized phenalenones as singlet oxygen photosensitzers and photophysical studies.**

*J. Org. Chem.* **2020**, *85*, 10603.

DOI : 10.2021/acs.joc.Oc01140.



F. Couty, O. N. Burov, M. E. Kletskii, A. V. Lisovin, K. Wright, B. Drouillat, S. V. Kurbatov

**Theoretical investigation of von Braun and von Braun-like reactions**

*Int. J. Quantum Chem.* **2020**, *120*, 3, e26088

DOI: 10.1002/qua.26088

