



List of Publications

List of Publications

- [1] A. K. Singh, **V. Tiwari**, K. B. Mishra, S. Gupta, J. Kandasamy, "Urea-Hydrogen Peroxide Prompted the Selective and Controlled Oxidation of Thioglycosides into Sulfoxides and Sulfones," *Beilstein Journal of Organic Chemistry*, **13**(2017) 1139-1144.
- [2] **V. Tiwari**, V. N. Badavath, A. K. Singh, J. Kandasamy, "A Highly Efficient TEMPO Mediated Oxidation of Sugar Primary Alcohols into Uronic Acids Using 1-Chloro-1,2-Benziodoxol-3(1H)-One at Room Temperature," *Tetrahedron Letters*, **59**(2018) 2511-2514.
- [3] **V. Tiwari**, A. K. Singh, P. Chaudhary, P. H. Seeberger, J. Kandasamy, "Synthesis of Photolabile Protecting Group (PPG) Protected Uronic Acid Building Blocks: Applications in Carbohydrate Synthesis with the Assistance of a Continuous Flow Photo Reactor," *Organic Chemistry Frontiers*, **6**(2019) 3859-3863.
- [4] **V. Tiwari**, V. N. Badavath, A. K. Singh, J. Kandasamy, "Synthesis of Photolabile Group Protected Anomeric Acetals and its Application in Carbohydrate Synthesis with the Assistance of Continuous Flow Photo-Reactor," *Journal of the Indian Chemical Society*, **97**(2020) 227-236.
- [5] A. K. Singh, V. K. Kanaujiya, **V. Tiwari**, S. Sabiah, J. Kandasamy, "Development of Routes for the Stereoselective Preparation of β -Aryl-C-glycosides via C-1 Aryl Enones," *Organic letters*, **22**(2020) 7650-7655.
- [6] A. K. Singh, R. Venkatesh, V. K. Kanaujiya, **V. Tiwari**, J. Kandasamy, "Palladium - Catalyzed Reaction of Aryl Iodides and Glycal Enones: Application in the Preparation of Dapagliflozin Analogues," *European Journal of Organic Chemistry*, (2022) e202200023.
- [7] **V. Tiwari**, K. Murugan, S. Sabiah, J. Kandasamy, "An Efficient and Direct Esterification of Uronic Acids using $H_2SO_4-SiO_2$ at Room Temperature," *Tetrahedron Letters*, (2022, **Accepted**)