

## Publications

### Selected Articles and Book Chapters

Ainka T. Brown and Nadale K. Downer-Riley (2020). Copper Catalysis for Pyridines and Pyrimidines. In A. Srivastava (Ed.), *Copper in N-Heterocyclic Chemistry*. Elsevier. (Book Chapter in press)

Sharna-kay Daley and Nadale Downer-Riley, "The Biomimetic Synthesis of Balsaminone A and Ellagic Acid via Oxidative Dimerization". *Beilstein J. Org. Chem.*, 2020, 16, 2026.

Nadale K. Downer-Riley (2019). Synthesis and Functionalization of S-heterocycles via CDC Reactions. In A. Srivastava & C. Jana (Eds.), *Heterocycles via Cross Dehydrogenative Coupling: Synthesis and Functionalization* (pp. 279-308). Springer Nature, Singapore.

Sharna-kay A. Daley and Nadale K. Downer-Riley, "An Improved Synthesis of Balsaminone A", *Synlett*, 2019, 30, 325. Nadale K. Downer-Riley and Yvette A. Jackson, "Recent advances in the synthesis of 1,3-azoles", *Curr. Top. Med. Chem.*, 2016, 16, 3617.

Nadale Downer-Riley and Latoya Wright, "Synthesis of naphthoquinone-azoles as potential antibacterial agents", *Jamaican Journal of Science & Technology*, 2014, 25, 18.

Albert Padwa, Yan Zou, Bo Cheng, Hao Li, Nadale Downer-Riley and Christopher S. Straub. "Intramolecular Cycloaddition Reactions of Furo [3, 4-b] indoles for Alkaloid Synthesis." *J. Org. Chem.*, 2014, 79, 3173.

Nadale K. Downer-Riley, *Highlight Syntheses*, *Annu. Rep. Prog. Chem., Sect. B: Org. Chem.*, 2013, 109, 43.

Nadale K. Downer-Riley and Yvette A. Jackson, Selenium(IV) oxide-tert-butylhydroperoxide (2012) *Encyclopedia of Reagents for Organic Synthesis* [Online], John Wiley & Sons Ltd., DOI: 10.1002/047084289X.rs009 <http://onlinelibrary.wiley.com/o/eros/articles/rs009/frame.html>.

Oscene V. Barrett, Nadale K. Downer-Riley and Yvette A. Jackson, "Thermally induced cyclization of electron-rich N-arylthiobenzamides to benzothiazoles", *Synthesis*, 2012, 44, 2579.

Oscene V. Barrett, Nadale K. Downer-Riley and Yvette A. Jackson, "Synthesis of some novel benzobisthiazoles", *Heterocycles*, 2010, 81, 1641.