Organic Syntheses

Guidance for Authors

OS Techniques Articles

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The aim of OS Techniques articles is to illustrate important *experimental techniques* that are employed in the synthesis of organic compounds. The style and format of OS Techniques articles is essentially the same as for articles describing chemical reactions, and the same requirements for experimental detail and proof of purity apply. Details on the requirements for OS Techniques articles can be found in the **Instructions for Authors** on the Organic Syntheses website. Authors are required to submit a procedure checklist and a characterization checklist as well as NMR spectra files for all products. Prospective authors are referred to the inaugural OS Techniques article[1] as an example of the style and format for this category of *Organic Syntheses* articles.

The Board of Editors welcomes submissions on any experimental technique with utility in the synthesis of organic compounds. As an option, authors may gauge the interest of the Board by initially submitting a proposal http://www.orgsyn.org/instructionspa.aspx that describes the technique they propose to illustrate and the substrate(s) they propose to employ in the demonstration of the experimental operations and procedures.

Appropriate subjects for OS Techniques articles include basic experimental techniques common to many synthetic organic reactions as well as more advanced and specialized techniques. It is anticipated that OS Techniques articles will be a valuable resource for experienced chemists and will also prove useful in the training of beginning researchers.

The experimental section of an OS Techniques article should describe in detail the application of the technique to specific, readily available organic compounds. This is important so that readers can practice and refine their skill with the technique by repeating the procedures described in the article and comparing their results to those that are reported by the authors and were verified by the Organic Syntheses "checkers". In general, the specific compounds involved in the article should be commercially available.

Discussion sections are an important part of OS Techniques articles and should describe background on the technique and comparison (where appropriate) to alternative techniques

that accomplish the same purpose. The discussion section also provides authors with the opportunity to provide guidance on decisions that may be required when applying the technique to compounds other than those described in the article. Authors are referred to the inaugural OS Techniques article[1] for further guidance on appropriate subjects to cover in the discussion section.

1. Senzer, B. D.; Varongchayakul, C.; Danheiser, R. L.; Daniels, B.; Dong, V. M. Purification of Organic Compounds by Flash Column Chromatography. *Org. Synth.* **2025**, *102*, 276-302, DOI: 10.152271orgsyn.102.0276.