Special Issue

Molecules from Multicomponent Reactions

Message from the Guest Editor

This Special Issue is devoted to the fascinating topic of multicomponent reactions (MCRs). These reactions are a group of powerful and highly convergent chemical transformations capable of generating enormous structural diversity by reacting three or more starting materials simultaneously. These reactions utilize subtle differences in reactivity between various functional groups to allow a predictable series of reactions to occur in the same vessel, leading to the formation of the desired product. Furthermore, the product incorporates the vast majority of atoms from all starting materials in its framework, making MCRs inherently efficient and sustainable processes. There has been a tremendous amount of interest in MCRs over the last few decades and, as the demands for new and sustainable materials and medicines continue to increase, the topic will undoubtedly remain a focal point for synthetic chemists around the world.

Guest Editor

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Message from the Editor-in-Chief

Molbank is a unique electronic journal that rapidly publishes very short articles, which typically encompass one compound per paper ("short notes") as well as "communications". The aim of this format is to prevent potentially useful scientific information from being lost. In many research groups, there are unpublished compounds that are available, which do not truly fit into a full paper or even a conventional short paper, e.g. because the main work in a series of compounds has already been published. Nevertheless, somebody else might be interested in just this particular compound. *Molbank* offers an excellent platform for preserving the aforesaid kind of information.

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