Special Issue

Synthesis and Application of Atropisomeric Molecules

Message from the Guest Editors

Atropisomeric molecules that bear a conformationally restrained stereogenic axis play enormous roles in natural products, medicines, catalysts, and material science. Their enantioselective synthesis and applications have witnessed dramatic developments over the past few years. Many elegant methodologies have been developed to atroposelectively access atropisomers containing rotationally restricted C-C bonds. This Special Issue aims to provide a platform to highlight the recent advancements in this field of synthesis and applications of atropisomers in organic synthesis. Topics include but are not limited to asymmetric synthesis, functional development, and the structural analysis of all types of atropisomeric molecules. Communications, articles, and reviews regarding the abovementioned topics are warmly welcomed.

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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