

LAURA GABRIELA SÂRBU



Research themes:

- **Pseudo-Geminal Substituted [2.2]Paracyclophanes**
- **1,3-Dithiolium Derivatives**
- **Flavonoids**

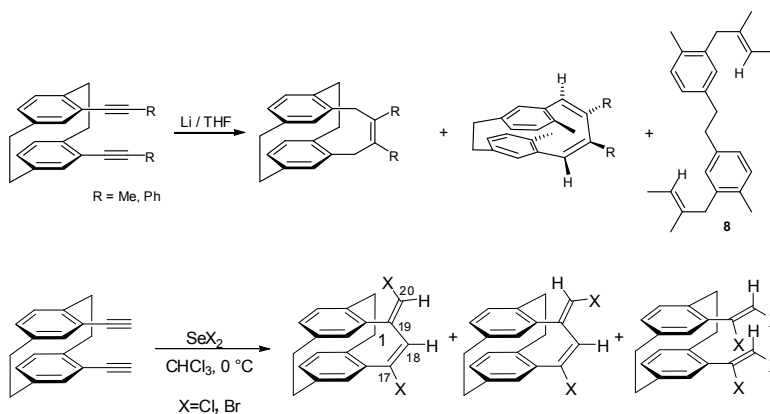
Keywords: Acetylenes, Allenes, Aminals, Antibacterial activity, Aromatic bridges, Dithiocarbamates, Dithiolium salts, Flavonoids, Indolizines, [2.2]Paracyclophanes, Tetrathiafulvalenes.

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Organic chemistry



Publications (selection)

Sarbu, L.G., Hopf, H., Jones, P.G., Birsa, M.L., Selenium halide-induced bridge formation in [2.2]paracyclophanes, *Beilstein J. Org. Chem.*, 10, 2550-2555, **2014**.

Sarbu, L.G., Hopf, H., Grunenberg, J., Birsa, M. L., Reduction of Pseudo-geminal Bis(ethynyl)-Substituted [2.2]Paracyclophanes, *Synlett*, 26, 87-90, **2015**.

Sarbu, L.G., Bahrin, L.G., Jones, P.G., Birsa, M.L., Hopf, H., [2.2]Paracyclophane derivatives containing tetrathiafulvalene moieties, *Beilstein J. Org. Chem.*, 11, 1917-1921, **2015**.

Bahrin, L.G., Hopf, H., Jones, P.G., **Sarbu, L.G.**, Babii, C., Mihai, A.C., Stefan, M., Birsa, M.L., Antibacterial structure–activity relationship studies of several tricyclic sulfur-containing flavonoids, *Beilstein J. Org. Chem.*, 12, 1065-1071, **2016**.

Bahrin, L.G., **Sarbu, L.G.**, Hopf, H., Jones, P.G., Babii, C., Stefan, M., Birsa, M.L., The influence of halogen substituents on the biological properties of sulfur-containing flavonoids, *Bioorg. Med. Chem.*, 24, 3166-3173, **2016**.

PhD

„Al. I. Cuza” University of Iași, 2014