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Cover Picture

Yutaka Harima et al. Benzofuro[2,3-c]oxazolo[4,5-a]carbazole Fluorescent Dyes

Microreview

Marta Pineiro and Teresa M. V. D. Pinho e Melo Microwave-Assisted 1,3-Dipolar Cycloaddition



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A union formed by chemical societies in Europe (ChemPubSoc Europe) has taken the significant step into the future by merging their traditional journals, to form two leading chemistry journals, the European Journal of Inorganic Chemistry and the European Journal of Organic Chemistry. Three further members of ChemPubSoc Europe (Austria, Czech Republic and Sweden) are Associates of the two journals.

COVER PICTURE

The cover picture shows "mechanofluorochromism" of a new class of donor- π -acceptor-type fluorescent dyes; a series of benzofuro[2,3-c]oxazolo[4,5-a]carbazole-type fluorophores show fluorescent color change with a remarkable enhancement in fluorescence quantum yield caused by mechanical stress and reversion to the original fluorescent color by heating or exposure to solvent vapor. Details are discussed in the article by Y. Harima et al. on p. 5321ff. The background shows the Hiroshima Castle, called the "Carp Castle" in Hiroshima, Japan, which was the castle of the *daimyo* (feudal lord) of the Hiroshima han (feudal clan), constructed in 1589-1599.

