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this month's issue

BCSJ Award Article

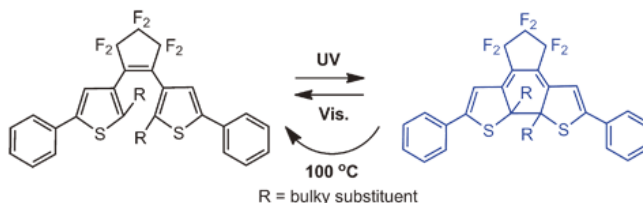
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141-147

Correlation between Steric Substituent Constants and Thermal Cycloreversion Reactivity of Diarylethene Closed-Ring Isomers

D. Kitagawa, K. Sasaki, and S. Kobatake^{*}
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The bulkiness of the substituent at the reacting positions in photochromic diarylethenes plays an important role in thermal cycloreversion. We found that there is a good correlation between specific steric substituent constants and the thermal cycloreversion reactivity.



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