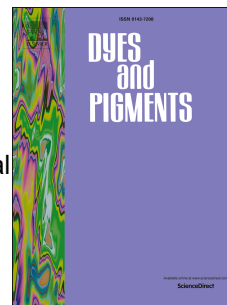


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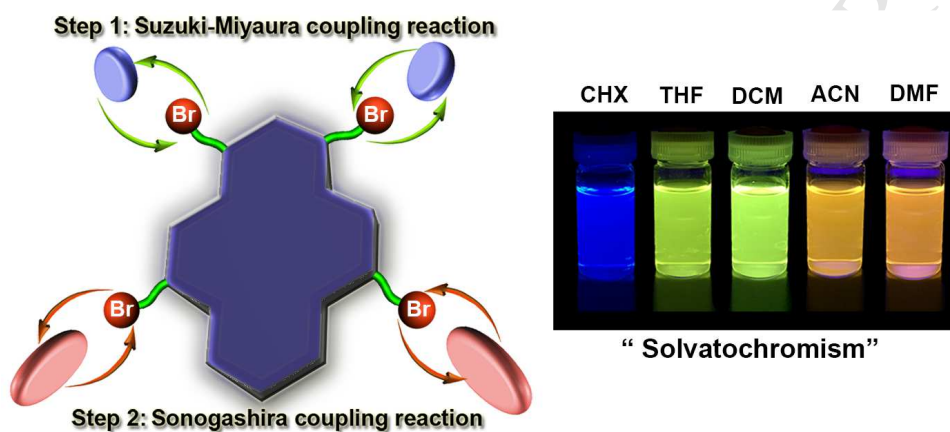
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Pyrene-based color-tunable dipolar molecules: synthesis, characterization and optical properties

Chuan-Zeng Wang^a, Xing Feng^{b,*}, Zannatul Kowser^{a,c}, Chong Wu^a, Thamina Akther^a, Mark R.J. Elsegood^d, Carl Redshaw^e, Takehiko Yamato^{a,*}

A set of dipolar molecules 1,3-diphenyl-5,9-diarylethynyl)pyrenes which exhibit a wide visible emission ranging from blue to orange-red were synthesized by employing a controllable regioselective approach at the active sites and K-region of pyrene.



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