

exhibit different absorption and fluorescence spectra.^[1] Interestingly, the more stable tautomer exhibits lower fluorescence quantum yield. The experiment also reveals that fluorescence intensity increases with solvent viscosity. Combined with the results of quantum-chemical calculations, the experimental findings are compatible with a model that attributes efficient radiationless S₁ depopulation to the migration of the protons in the inner cavity of the macrocycle.

Funding: Polish National Science Centre (NCN) through Grants DEC-2011/02/A/ST5/00443 and DEC-2013/10/M/ST4/00069.

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