1-PHENYLPYRROLE A TICT MOLECULE?.[a]

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1-Phenylpyrrole has been identified by several authors as a molecule that displays twisted intramolecular charge-transfer (TICT) character in the condensed phase. However, Suzuka and coworkers [b], using single vibronic level dispersed fluorescence, observed no evidence of TICT activity in the gas phase. In this work, 1-phenylpyrrole is studied by the high resolution methods previously applied to DMABN [c] to determine the extent of its motion along different possible TICT coordinates when it absorbs light.

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[b] K. Okuyama, Y. Numata, S. Odawara, and I. Suzuka, *J. Chem. Phys.*, **109**, 7185 (1998) and references therein.

[c] A. E. Nikolaev, G. Myszkiewwicz, G. Berden, L. Meerts, J. F. Pfanstiel, and D. W. Pratt, *J. Chem. Phys.*, **122**, 084309 (2005).