Thermochromic Shifts of Absorption and Fluorescence Spectra and Excited State Dipole Moment of PRODAN*

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states: PRODAN.

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Using the thermochromic shift method of absorption and fluorescence spectra, the dipole moments

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in the ground, μ_g , and excited, μ_e , state are simultaneously determined for PRODAN in ethyl acetate. The obtained values for μ_g and μ_e are compared with those previously determined by the solvatochromic method for two different Onsager radii, and a satisfactory agreement has been obtained.

**Rev words: Thermochromic Shifts: Solvatochromic Shift: Dipole Moments in the ground and excited