Synthesis, photophysical and photochemical properties of oxazolone derivatives

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Résumé en anglais: Acyloxyphenyl derivatives of oxazolone, which have tree photo active centers, were synthesized and their physicochemical properties are determined by NMR, absorption, fluorescence excitation and emission spectroscopies. The semi-empirical calculations carried out according with the theory of the PM3/Cl level has shown, that at an irradiating of their solutions by UV-light give no possibilities of the photo-Fries reaction. The calculated values are in a good accordance with the experimental ones.


Liens

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