



Synthesis, photophysical and photochemical properties of oxazolone derivatives

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Auteur	Smokal, Vitaliy [1], Kolendo, Aleksey [2], Krupka, Oksana [3], Sahraoui, Bouchta [4]
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Résumé en anglais	Acyloxyphenyl derivatives of oxazolone, which have three 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/CI 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.
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