

# A New Efficient Synthesis of Substituted Luminols Using Multicomponent Reactions\*

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A new general synthesis of substituted luminols (5-amino-2,3-dihydrophthalazine-1,4-diones) is presented. Diversely substituted luminol derivatives can be synthesized in three steps. The products are of interest as new materials, which exhibit chemiluminescence.

*Key words:* Luminol, Multicomponent Reactions, Phthalhydrazides