Full Paper	Thematic Section: Preparative Research.
Registration Code of Publication: 14-39-8-82	Subsection: Organic Chemistry.

Publication is available for discussion in the framework of the on-line Internet conference "Butlerov readings".

http://butlerov.com/readings/ (English Preprint)

Contributed: December 9, 2014.

## Three-component synthesis of 9-(1-alkylhydroquinolin-6-yl)acridine-1,8(2H,5H)-diones

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Keywords: Three-component reaction, hydroquinoline, Acridinediones.

## **Abstract**

Synthesis of new acridine-1,8(2*H*,5*H*)-dione derivatives containing hydroquinoline group via a three-component cyclocondensation reaction of 1-alkylhydroquinoline-6-carbaldehyde, ammonium acetate, and cyclohexane- 1,3-dione compound is described. The products were obtained in high yields in refluxing ethanol. The newly synthesized compounds were characterized by <sup>1</sup>H NMR, and elemental analysis techniques.

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