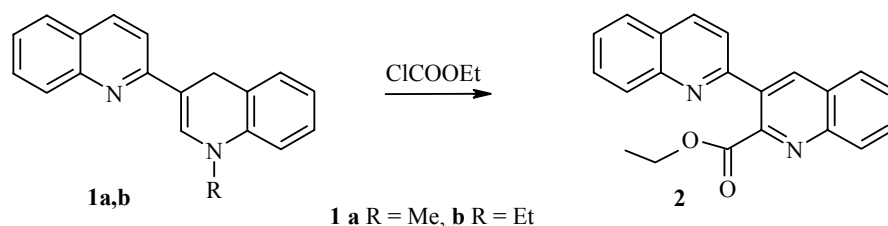


## UNUSUAL ACYLATION REACTION OF 1'-ALKYL-1',4'-DIHYDRO-2,3'-BIQUINOLINES

D. A. Kovalev<sup>1</sup>, O. A. Antonova<sup>2</sup>, N. V. Demidova<sup>1</sup>, and A. V. Aksenov<sup>1</sup>

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Earlier [1] we developed a number of methods for synthesis of 1'-alkyl-1',4'-dihydro-2,3'-biquinolines **1a,b** and we studied their reactions with organometallic compounds [2, 3], their halogenation [4], and their nitration [5]. In this paper, we report on their reaction with ethyl chloroformate. We have established that, as for 1,1'-dialkyl-3,3'-di(2-quinoly)-1,1',4,4'-tetrahydro-4,4'-biquinolines [6], compounds **1** (1 mmol) together with 3 mmol of ethyl chloroformate, at room temperature in 20 ml chloroform for 3 h, form 2,3'-biquinoline-2'-carboxylic acid ethyl ester (**2**) in 77-79% yield, independent of the nature of the group on the nitrogen atom in compounds **1**.



**2,3'-Biquinoline-2'-carboxylic Acid Ethyl Ester (2).** Mp 139-140°C (methanol). According to the data in [7], mp 140°C. A sample of this compound mixed with a known sample does not result in depression of the melting point. The NMR spectrum is similar to the spectrum given in [6].

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<sup>1</sup> Stavropol State University, Stavropol 355009, Russia; e-mail: k-biochem-org@stavsu.ru. <sup>2</sup> Stavropol State Medical Academy, Stavropol 355017, Russia; e-mail: sigma@statel.stavropol.ru. Translated from *Khimiya Geterotsiklicheskikh Soedinenii*, No. 2, p. 307, February, 2006. Original article submitted September 21, 2005.

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