Mixtures of the salts obtained with samples of 2,6-diaryl-substituted pyrylium perchlorates synthesized previously [3] gave no depression of the melting point. The structure of the compounds obtained is also confirmed by IR spectroscopy.

The study of the given method is continuing.

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## STRUCTURE OF THE CONDENSATION PRODUCT OF 3,4-XYLENOL WITH CROTONALDEHYDE

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UDC 547.814.1

In our recent paper [1], by an oversight no reference was made to the paper by L. P. Zalukaev and N. I. Poplavskaya [2] in which, using the condensation of crotonaldehyde with β-naphthol, which is similar in structure to 3,4-xylenol, the authors first established the formation of 4-(2-hydroxylnaphthyl)-2-methyl-5,6-benzochromane. Thus, our investigation on the structure of the product of the condensation of 3,4-xylenol with crotonaldehyde [1] is a confirmation of Zalukaev and Poplavskaya's conclusions [2].

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## SYNTHESIS OF 1-ALKYL-, 1-ARALKYL-, and 1-ARYL-2-AMINOIMIDAZOLES

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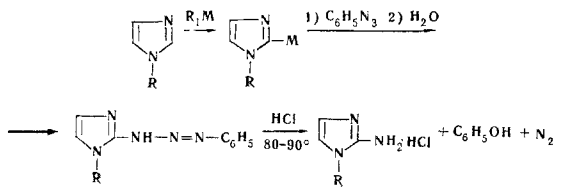
Several methods for the synthesis of 2-aminoimidazoles have been described [1-7].

We have established that the amino group can easily be introduced into position 2 of a N-substituted imidazole by treating the organosodium or organolithium compound of the corresponding imidazole with phenyl azide and subjecting the triazene formed to cleavage with mineral acid at 80-90° C.




R = $CH_3$, $C_2H_5$, $CH_2C_6H_5$, $C_6H_5$; $R_1$ = $C_6H_5$, $C_4H_9$; M = Na, Li

**2-Amino-1-methylimidazole hydrochloride monohydrate.** Obtained from 2-lithio-1-methylimidazole. Mp 83-84° C, which corresponds with that given in the literature [6, 7]. Yield 70%.

**2-Amino-1-methylimidazole.** Bp 136-137° C (5 mm), mp 81.5-82.5° C. Found, %: C 49.66; H 7.51; N 43.38. Calculated for $C_4H_7N_3$, %: C 49.47; H 7.26; N 43.27.

**2-Amino-1-ethylimidazole.** Obtained from 1-ethyl-2-lithioimidazole. Bp 133-135° C (6 mm). Yield 51%. Found, %: C 53.84; H 8.47; N 37.70. Calculated for $C_5H_9N_3$, %: C 54.03; H 8.16; N 37.81.

**2-Amino-1-benzylimidazole hydrochloride.** Obtained from 1-benzyl-2-sodioimidazole. Mp 185-186° C. Yield 63.5%: Found, %: C 57.48; H 5.95; Cl 17.20; N 20.36. Calculated for $C_{10}H_{11}N_3 \cdot HCl$, %: C 57.28; H 5.77; Cl 16.91; N 20.04.

**2-Amino-1-benzylimidazole.** Mp 139-140° C (from water). Found, %: C 69.22; H 6.56; N 24.59. Calculated for $C_{10}H_{11}N_3$, %: C 69.34; H 6.40; N 24.26.