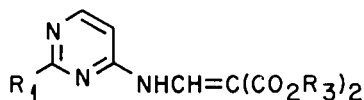


Table 2



No.	NH d [b], 1H	CH d, 1H	JNC [Hz]	H-5 d, 1H	H-6 d, 1H	J _{5,6} [Hz]	OCH ₂ - t, 4H
6a	11.06	9.21	12	6.76	8.64	6	4.30
6b	11.07	9.20	13	6.76	8.64	6	4.30
6c	11.1	9.30	13	6.82	8.67	6	4.29, 4.27
6d	11.09	9.25	12	6.82	8.65	6	4.32
6e	11.08	9.23	12	6.80	8.64	6	4.29

[a] The nmr spectra were recorded on Varian HA-100 spectrometer in deuteriochloroform using tetramethylsilane as the internal standard, chemical shifts are reported in ppm and are given in δ units. [b] Broad.

An alternative route [2] employing the reaction between the sodium salts of the amines **1** and diethyl (ethoxymethylene)propanedioate (**5b**) in dimethylformamide at low temperatures afforded pure products in yields greater than 80%. Unfortunately, only dimethyl (methoxymethylene)propanedioate (**5a**) and diethyl (ethoxymethylene)propanedioate (**5b**) are available commercially. The higher homologs have to be synthesized. Since we had large quantities of **4b** and **4d** at hand [2], we thought it advantageous to convert them to their higher homologs by transesterification. There was no acid-catalysed transester-

ification at lower temperatures (<30°) whereas higher temperatures (>50°) resulted in decomposition products, which is not surprising due to the labile nature of -NH-CH=C= group. However, base-catalysed transesterification at room temperature over a prolonged period afforded good yields of higher esters **6**. This procedure would be useful in the synthesis of related compounds which are not readily accessible by other methods.

EXPERIMENTAL

The General Procedure is Illustrated by the Preparation of Dihexyl [[[2-(3-Pyridinyl)-4-pyrimidinyl]amino]methylene]propanedioate (**6b**).

A stirred solution of 17.1 g (0.05 mole) of **4b** and 400 ml of 1-hexanol was treated with 0.5 g of 50% sodium hydride/oil and then left at room temperature for 120 hours. The resulting pale yellow solution was treated with 2 ml of glacial acetic acid and concentrated on a rotary evaporator to give a pale yellow semisolid residue which was dissolved in 300 ml of ether and filtered through a supercel pad to remove sodium acetate. The filtrate was concentrated to dryness on a rotary evaporator and the product was crystallized from hexane to afford 18.2 g (80%) of **6b** as pale yellow flakes, mp 83-85°.

Anal. Calcd. for C₂₂H₃₄N₄O₄: C, 66.06; H, 7.54; N, 12.33. Found: C, 66.08; H, 7.55; N, 12.27.

Acknowledgements.

The author is grateful to Dr. S. D. Clemans and Mr. A. G. Hlavac for the nmr spectra.

REFERENCES AND NOTES

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