SYNTHESIS OF SOME NEW (1,2) DIAZEPINO(4,5-b) INDOLES AND (1,2) DIAZEPINO (5,6-b) INDOLES.

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1,5-dihydro-2-acetyl-4-oxo-6-methyl(1,2)diazepino-(5,6-b) indol  $\underline{2}$  was obtained by treatment of carbohydrazones, a by-product derivative of 2-carbohidrazide methyl-1-methylindole, with acetylchloride and triethylamine in ethyl acetate as solvent.

2-Ethoxycarbonylmethyl-1-methylindole-3-carboxyaldehyde, with hydrazine hydrate yielded 4 - $\infty$ 0-5H-6-methyl(1,2)diazepino(5,6-b) indol 3.

-2-Ethoxycarbonylindole, were alkylated under Mannich reaction conditions, and the resulting gramines, quaternized in the presence of cyanide ion to 2-ethoxycarbonil -3-indolacetonitrile. The last compound with hydrazine hydrate gave in good yield 5-oxo-1H-2-hydrazino-(1,2) diazepino(4,5-b) indole 4.

2-Ethosycarbonylmethyl-1-methyl-3-ethoxycarbonylindole with an excess of hydrazine hydrate gave satisfactory yields of 1,4-dioxo-5H-6-methyl- (1,2)diazepino(5,6-b) indole 1.

The structure of all compounds was established by means of elemental analysis,i.r. and  $^{1}\text{H-n.m.r.}$  spectra. The toxicity and general behaviour of these compounds in animals are in study.