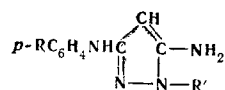
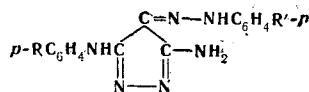


Table 1



Compound	R	R'	Mp, °C	Formula	N, %		Yield, %
					Found	Calculated	
I	H	H	166	C ₉ H ₁₀ N ₄	31.94; 32.05	32.18	60
II	CH ₃	H	167—168	C ₁₀ H ₁₂ N ₄	30.30; 30.24	29.78	51
III	Br	H	204	C ₉ H ₉ BrN ₄	22.08; 22.19	22.13	62
IV	NO ₂	H	192—193	C ₉ H ₉ N ₅ O ₂	32.46; 32.50	31.96	81
V	H	C ₆ H ₅	177	C ₁₅ H ₁₄ N ₄	22.16; 22.18	22.40	67
VI	H	<i>p</i> -CH ₃ C ₆ H ₄	141	C ₁₆ H ₁₆ N ₄	21.29; 21.40	21.21	40
VII	Br	C ₆ H ₅	230	C ₁₅ H ₁₃ BrN ₄	16.47; 16.59	17.02	21

Table 2



R	R'	Mp, °C	Formula	N, %		Yield, %
				Found	Calculated	
H	H	177	C ₁₅ H ₁₄ N ₆	30.00; 30.09	30.21	95
H	H ₂ NSO ₂	250—252	C ₁₅ H ₁₅ N ₇ O ₂ S	26.82; 26.80	26.70	64
H	CH ₃	192—193	C ₁₆ H ₁₆ N ₆	28.40; 28.35	28.76	60
H	NO ₂	>250	C ₁₅ H ₁₃ N ₇ O ₂	29.79; 29.88	30.34	66
H	Cl	215	C ₁₅ H ₁₃ ClN ₆	25.96; 25.86	26.88	69
CH ₃	HOOC	>250	C ₁₆ H ₁₆ N ₆ O ₂	24.57; 24.61	25.00	67

CHCl_3 , dioxane, and many other organic solvents, as well as in mineral acids, slightly soluble in alkalis, insoluble in water.

The acyl derivative of 3-amino-4-phenylazo-5-aminopyrazole was a crystalline dark red compound, mp 193-194°. Found: N 25.97; 26.06%, calculated for $\text{C}_{17}\text{H}_{16}\text{N}_6\text{O}$: N 26.25%.

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