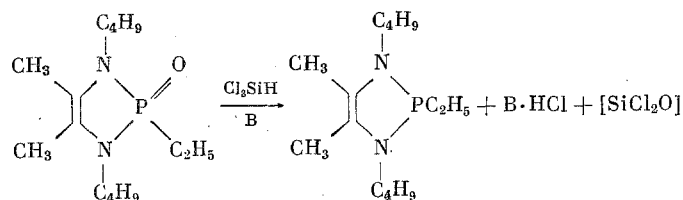


REACTION OF 2-ETHYL-2-OXO-1,3-DIBUTYL-4,5-DIMETHYL-1,3,2-DIAZAPHOSPHOLENE WITH TRICHLOROSILANE

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UDC 542.91:547.1'118:546.28'131

The reaction of 2-ethyl-2-oxo-1,3-dibutyl-4,5-dimethyl-1,3,2-diazaphospholene with trichlorosilane in the presence of triethylamine with 1:1:1 reagent ratio in benzene at 20°C over 5 h gives 2-ethyl-1,3-dibutyl-4,5-dimethyl-1,3,2-diazaphospholene, bp 131-132°C (11 mm), n_D^{20} 1.4853, d_4^{20} 0.8936, $\delta^{31}\text{P}$ 111 ppm. IR spectrum (ν , cm^{-1}): 1655 (C=C). Found N 10.88; P 12.14%. Calculated for $\text{C}_{14}\text{H}_{29}\text{N}_2\text{P}$: N 10.94; P 12.11%.



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