94-0225

Utilization: in agriculture as possessing fungicide and insecticide activities.

The summary of the invention consists in the fact of the preparation of derivatives 2-anilinpyrinidine of general formula:

in which R_1 and R_2 - independently each other means hydrogen, halogen, C_1 - C_3 alkyl, C_1 - C_2 halogenalkyl, C_1 - C_3 -alkoxy or C_1 - C_3 -halogenalkoxy; R_3 -hydrogen, C_1 - C_4 alkyl or substituted by halogen or hydroxygroup C_1 - C_4 alkyl, cyclopropyl or substituted, by methyl, cyclopropyl; R_4 - C_3 - C_6 cycloalkyl or substituted equal or differently by methyl and/or halogen up to triplet $(C_3$ - $C_6)$ cycloalkyl. Reagent I: salt of phenylguanidin of the formula

$$\begin{array}{c} R_1 \\ R_2 \\ HC \xrightarrow{\qquad } C = C - NH - C \stackrel{\otimes}{\backslash} NH_2 \\ HC \xrightarrow{\qquad } C = CH \\ R_2 \end{array}$$

in which A - anion of mineral or guanidin with formula

$$\begin{array}{c} R_1 \\ HC \stackrel{}{\longleftarrow} C = C - NH - C \stackrel{NH}{\nearrow} NH_2 \\ HC \stackrel{}{\longleftarrow} C = CH \end{array}$$

ReagentII: diketone: R₃C(O)CH₂C(OR); cyclization is leaded at temperature 60-160°C.