

Complex of entomological origin in propylene glycol with keratolytic action, process for its preparation, pharmaceutical and cosmetic products based on it (embodiments)

(57)The invention relates to pharmaceutical and cosmetic fields, namely to a complex of entomological origin in propylene glycol with keratolytic action, to a process for its preparation, to pharmaceutical and cosmetic products based on it.

The complex of entomological origin in propylene glycol with keratolytic action, obtained from insects of the order *Lepidoptera*, family *Pyralidae*, genera *Galleria*, *Asopia* or *Aglossa*, according to the invention, comprises subtilisin, polysaccharides such as chitosan, amino acids and propylene glycol, and shows a keratolytic effect of 46.5...51.0 U/ml.

The process for its preparation, according to the invention, consists in that are grown insects of the order *Lepidoptera*, family *Pyralidae*, genera *Galleria*, *Asopia* or *Aglossa*, on various artificial nutrient media, then are collected the last instar larvae, are washed, disinfected with ultraviolet light and triturated. The obtained biomass is lyophilized and extracted with distilled water during 2...8 hours, and then the extract is separated by decantation, it is concentrated, is added propylene glycol and is evaporated the water.

The pharmaceutical products with keratolytic action in the form of ointment and gel contain the complex of entomological origin in propylene glycol according to the invention.

The cosmetic products with keratolytic action in the form of cream, tonic and cleansing lotion and in the form of exfoliating gel contain the complex of entomological origin in propylene glycol according to the invention.

Claims: 10