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BETULONIC ACID ALANYLAMIDE – ANTIOXIDANT AND AGENT IMPROVING SIDE EFFECTS OF ANTITUMOR DRUGS

Description

A new agent reducing the toxic effects of cytostatics is worked out for using in the complex polychemical therapy of cancer patients. The use of a new agent results in potentiation of antitumoral effect and anti-metastatic activity in polychemical therapy (PCT). The agent reveals antioxidant and cytoprotective action in cancer PCT, as well as antitoxic effect when introducing cytoctatic medical complex. The compound is synthesized from a vegetable triterpene betuline – metabolite of birch bark.

Advantages

- ❒ Increase of cytostatic chemotherapy efficiency
- ❒ Technologically simple medication on the basis of available plant material

Application

- ❒ Cytostatic chemiotherapy of cancer
- ❒ Hepatoprotective activity
- ❒ Antioxidant and anti-metostatic activity

Patent documentation

Patent of RF *№ 2353623* of 17.09.2007 “Cytostatic polychemical therapy agent”.

Practical realization

The above preparation has undergone the whole range of pharmacological researches and is ready to be passed for preclinical testing.
Pilot plant regulations are developed.

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