

Title (en)
BIOACTIVE COMPLEX OF TRITERPENE ACIDS, ITS PRODUCTION PROCESS AND MEDICINAL PRODUCTS WITH THERAPEUTICAL USES

Title (de)
BIOAKTIVER KOMPLEX AUS TRITERPENSÄUREN, HERSTELLUNGSVERFAHREN DAFÜR UND MEDIZINISCHE ARTIKEL ZUR THERAPEUTISCHEN VERWENDUNG

Title (fr)
COMPLEXE BIOACTIF D'ACIDES TRITERPENIQUES, SON PROCEDE DE PRODUCTION ET PRODUITS MEDICINAUX A USAGES THERAPEUTIQUES

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Application
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• RO 200500117 A 20050218

Abstract (en)
[origin: WO2006088385A2] The invention relates to a bioactive complex of triterpene acids, as such or in the form of Na, K, NH₄ salts of minimum 90 % purity, with a standardized content formed of: minimum 75 % ursolic acid, 10...15 oleanolic acid and 4...10 % other triterpene acids consisting of one or more of the following acids: hydroxyursolic, hydroxyoleanolic, betulinic, dehydrobetulinic, produced from the plants Salvia sp., Lavandula sp., Sambucus nigra and Crataegus sp. The production process recommends increase of selectivity and efficiencies of extraction, purification and crystallization steps by using structured waters ("I" - acid pH water and "S" - alkaline pH water) in the composition of solvents used. The bioactive complex of triterpene acids has a marked and diversified pharmacological activity for bioregulating proteinic, glucidic and lipidic metabolism, particularly on aged organisms, as well as immunoprotective, antioxidizing, hepatoprotective, and retarding activity in tumour progression, being conditioned as new medicinal products for internal and/or external use with applicability in human and veterinary therapy.

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