

Title (en)

METHOD FOR PRODUCING SORBICILLACTONE A

Title (de)

VERFAHREN ZUR HERSTELLUNG VON SORBICILLACTON A

Title (fr)

PROCEDE POUR PRODUIRE DU SORBICILLACTONE A

Publication

**EP 1713455 A2 20061025 (DE)**

Application

**EP 05701272 A 20050131**

Priority

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Abstract (en)

[origin: WO2005072711A2] The invention relates to an improved method for cultivating the fungus *Penicillium chrysogenum*, especially strain KIP 3201, for producing the antitumoral natural substance Sorbicillactone A of formula (I) and its derivatives in an optimized manner and in large amounts. The invention also relates to an optimized method for obtaining and purifying said substance from the fungal biomass and from the culture medium. The invention also describes the biological activity of Sorbicillactone A of formula (I) and investigations relating to the genotoxicity of the compound.

IPC 8 full level

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