Title (en)

METHOD FOR PRODUCING OPTICALLY ACTIVE, CYCLIC DEPSIPEPTIDES COMPRISING LACTIC ACID AND PHENYL LACTIC ACID AND HAVING 24 RING ATOMS, USING FUNGUS STRAINS OF ROSELLINIA TYPE, AND FURTHER SPECIES OF XYLARIACEAE

Title (de)

VERFAHREN ZUR HERSTELLUNG MILCHSÄURE- UND PHENYLMILCHSÄUREHALTIGER OPTISCH AKTIVER, CYCLISCHER DEPSIPEPTIDE MIT 24 RINGATOMEN MIT HILFE VON PILZSTÄMMEN DER ART ROSELLINIA SOWIE WEITEREN GATTUNGEN XYLARIACEEN

Title (fr)

PROCÉDÉ DE FABRICATION DE DEPSIPEPTIDES CYCLIQUES OPTIQUEMENT ACTIFS CONTENANT DE L'ACIDE LACTIQUE ET DE L'ACIDE PHÉNYLLACTIQUE AVEC 24 ATOMES DE CYCLE AVEC L'AIDE DE SOUCHES DE CHAMPIGNON DU TYPE ROSELLINIA AINSI QUE D'AUTRES ESPÈCES DE XYLARIACEAE

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Application

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Abstract (en)

[origin: WO2010072323A1] The present invention relates to a method for producing optically active cyclic depsipeptides comprising lactic acid and phenyl lactic acid and having 24 ring atoms, by means of both representatives of the Rosellinia and Coniolariella genii (xylariaceae) growing from fruiting bodies dead wood and living wood of deciduous and coniferous trees and fungus strains of the Rosellinia genus and further xylariaceae isolated directly from wood and roots of deciduous and coniferous trees, or enzymatic preparations isolated from said fungus strains. PF1022A having the general formula (I) is excellently suited for treating endoparasites, particularly in the fields of human and veterinary medicine.

IPC 8 full level

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A61P 33/00 (2017.12 - EP); **C07K 11/02** (2013.01 - KR); **C12P 17/14** (2013.01 - EP KR US); **C12P 41/00** (2013.01 - KR)

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