Title (en)

USE OF VON TETRAHYDROBIOPTERINE DERIVATIVES IN THE TREATMENT AND NUTRITION OF PATIENTS WITH AMINO ACID METABOLIC DISORDERS

Title (de)

VERWENDUNG VON TETRAHYDROBIOPTERINDERIVATEN ZUR BEHANDLUNG UND ERNÄ HRUNG VON PATIENTEN MIT AMINOS URESTOFFWECHSELSTÖRUNGEN

Title (fr)

UTILISATION DE DERIVES DE TETRAHYDROBIOPTERINE POUR TRAITER ET ALIMENTER DES PATIENTS SOUFFRANT DE TROUBLES DU METABOLISME DUS A UN ACIDE AMINE

Publication

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Application

EP 03785822 A 20031215

Priority

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• EP 0314262 W 20031215

Abstract (en)

[origin: WO2004058268A2] The invention relates to the use of tetrahydrobiopterine and the derivatives thereof in the production of a medicament to improve protein tolerance for the treatment of diseases arising for an amino acid metabolic disorder, e.g. hyperphenylalaninemia. The invention also relates to a composition which contains tetrahydrobiopterine or derivatives thereof in addition to a special mixture of amino acids. The invention can, for instance, be used as a food which is low in phenylalanine in the complete nutrition of hyperphenylalaninemic patients. Tests carried out within the context of said invention revealed that by treating patients who had phenylalanine concentrations of more than 200 ñmol/l in their blood with tetrahydrobiopterine, it was possible to reduce the concentrations of phenylalanine by 37 % to 92 %.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

A23L 33/10 (2016.07 - EP US); **A61K 31/519** (2013.01 - US); **A61K 31/52** (2013.01 - EP US); **A61P 3/00** (2017.12 - EP); **A61P 3/02** (2017.12 - EP); A23V 2002/00 (2013.01 - US)

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