

Title (en)

METHOD FOR PRODUCING PYRIDOXINE OR AN ACID ADDITION SALT THEREOF

Title (de)

VERFAHREN ZUR HERSTELLUNG VON PYRIDOXIN ODER SEINES SÄUREADDITIONSSALZES

Title (fr)

PROCEDE DE PRODUCTION DE PYRIDOXINE OU DE SON SEL D'ADDITION D'ACIDE

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Application

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Abstract (en)

[origin: WO2004058774A1] The invention relates to a method for producing pyridoxine and the acid addition salts thereof, said method comprising the following steps: i. the Diels-Alder adduct (I) of 4-methyloxazole and a 4,7-dihydro-1,3-dioxepin is dissolved in a mixture of an organic solvent which can be at least partially mixed with water, and water, and the solution of (I) thus obtained is treated at an elevated temperature, optionally in the presence of a catalytically active quantity of an acid, until at least part of the compound (I) is converted into the corresponding 1,5-dihydro-8-methyl-[1,3]dioxepin-[5,6c]pyridin-9-ol (II); ii. the compound (II) of the solution obtained in step i., or the acid addition salt of said compound, is precipitated by adding a precipitant, and the compound (II) or the acid addition salt thereof is isolated; and iii. the compound (II) obtained in step i., or the acid addition salt thereof, is converted into pyridoxine or an acid addition salt thereof.

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