

Title (en)

METHOD FOR PREPARATION OF PIPERAZINDIONE DERIVATES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON PIPERAZINDION-DERIVATEN

Title (fr)

PROCÉDÉ DE FABRICATION DE DÉRIVÉS DE PIPÉRAZINE-DIONE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2010018067A1] Method for preparation of piperazindione derivatives of formula I, wherein R1 stands for hydrogen, alkyl, alkenyl, alkynyl and alkylcarbonyl, R2 stands for hydrogen, alkyl, alkenyl, C3-C4-alkynyl and C(=O)R11, R3,R4 stand for hydrogen, alkyl and halogen-alkyl, wherein the groups can be substituted, characterized in that amines of formula II, in which R1 stands for hydrogen and alkyl, which likewise can be substituted, are reacted under basic conditions in an aqueous solvent with N-acylated amino acid derivatives of formula II, wherein X stands for halogen, Y halogen, alkoxy or phenyloxy, which can be substituted, and R2, R3 and R4 have the meaning above.

IPC 8 full level

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See references of WO 2010018067A1

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