

Title (en)

PROCESS FOR THE PREPARATION OF HIGH PURITY AMORPHOUS PEMETREXED DISODIUM AND CRYSTALLINE FORMS OF N-[4-(2-(2-AMINO-4,7-DIHYDRO-4-OXO-3H-PYRROLO[2,3-D]PYRIMIDIN-5-YL)ETHYL)BENZOYL]-L-GLUTAMIC ACID

Title (de)

VERFAHREN ZUR HERSTELLUNG VON HOCHREINEM AMORPHEM PEMETREXED-DINATRIUM UND KRISTALLINEN FORMEN VON N-[4-(2-(2-AMINO-4,7-DIHYDRO-4-OXO-3H-PYRROLO[2,3-D]PYRIMIDIN-5-YL)ETHYL)BENZOYL]-L-GLUTAMINSÄURE

Title (fr)

PROCÉDÉ POUR LA PRÉPARATION DE PEMETREXED DISODIQUE AMORPHE DE HAUTE PURETÉ ET FORMES CRISTALLINES DE L'ACIDE N-[4-(2-(2-AMINO-4,7-DIHYDRO-4-OXO-3H-PYRROLO[2,3-D]PYRIMIDIN-5-YL)ÉTHYL)BENZOYL]-L-GLUTAMIQUE

Publication

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Application

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- PL 2014000053 W 20140516

Abstract (en)

[origin: WO2014185797A1] A process for the preparation of high purity amorphous pemetrexed disodium is characterized by reacting N-[4-(2-(2-amino-4,7-dihydro-4-oxo-3H-pyrrolo[2,3-d]pyrimidin-5-yl)ethyl)benzoyl]-L-glutamic acid with molar shortage of sodium cations generating compound in regard to carboxyl groups of free acid, under anhydrous conditions. Preferably, in that process pure crystalline Form 1 or Form 2 of N-[4-(2-(2-amino-4,7-dihydro-4-oxo-3H-pyrrolo[2,3-d]pyrimidin-5-yl)ethyl)benzoyl]-L-glutamic acid, containing from 27 to 31% of dimethyl sulfoxide, is used.

IPC 8 full level

C07D 487/04 (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2014185797A1

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