

Title (en)
SOLID FORMS OF (2R,4S)-5-(BIPHENYL-4-YL)-4-[(3-CARBOXYPROPIONYL)AMINO]-2- -METHYLPENTANOIC ACID ETHYL ESTER, ITS SALTS AND A PREPARATION METHOD

Title (de)
FESTE FORMEN VON (2R,4S)-5-(BIPHENYL-4-YL)-4-[(3-CARBOXYPROPIONYL)AMINO]-2-METHYLPENTANSÄUREETHYLESTER, DESSEN SALZE UND HERSTELLUNGSVERFAHREN

Title (fr)
FORMES SOLIDES D'ESTER ÉTHYLIQUE D'ACIDE (2R,4S)-5-(BIPHÉNYL-4-YL)-4-[(3-CARBOXYPROPIONYL)AMINO]-2-MÉTHYLPENTANOÏQUE, SES SELS ET SON PROCÉDÉ DE PRÉPARATION

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Abstract (en)
[origin: WO2017097275A1] The invention relates to solid forms of the free acid of sacubitril of formula 1, especially a crystalline form, incl. a method of removing chemical impurities from the crude free acid of sacubitril that is characterized in the use of well crystallizing salts of sacubitril with the amines of formula 9, where R1, R2, R3 independently stand for hydrogen or a C1-C7 alkyl, preferably the salt with cyclohexylamine, tert-butylamine or iso-propylamine. The invention further relates to a novel solid, crystalline form of sacubitril (8) - hemisolvate of the potassium salt of sacubitril, incl. a direct and highly efficient and industrially usable preparation methods of a solid form of sacubitril free acid and its pharmaceutically applicable salts, especially the crystalline sodium salt of formula 5, calcium salt of sacubitril of formula 6 and hemisolvate of the potassium salt of sacubitril of formula 8.

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