

Title (en)
BIOMARKERS FOR EFFICACY OF ALISKIREN AS A HYPERTENSIVE AGENT

Title (de)
BIOMARKER FÜR DIE WIRKSAMKEIT VON ALISKIREN ALS BLUTDRUCKSTEIGERNDEN MITTEL

Title (fr)
BIO-MARQUEURS POUR L'ÉVALUATION DE L'EFFICACITÉ DE L'ALISKIRÈNE EN TANT QU'AGENT HYPERTENSIF

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EP 06748451 A 20060320

Priority

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Abstract (en)
[origin: RU2408363C2] FIELD: medicine, pharmaceuticals. ^ SUBSTANCE: invention refers to medicine, particularly to therapy and pharmacology, particularly to pharmacogenetic analysis, and concerns detecting genetic polymorphisms being efficacy markers of aliskiren as an antihypertensive agent. Aliskiren is used for preparing a drug for treating hypertension, for reducing mean derived systolic pressure and for reducing diastolic pressure. And aliskiren therapy is applied in a group of patients specified by genetic polymorphisms in biomarker genes where the aliskiren efficacy is indicated by genetic polymorphisms - SNP_4769 as specified in SEQ ID NO:1 in an angiotensin-converting enzyme (ACE) gene, SNP1445 as specified in SEQ ID NO:2 in an angiotensin II receptor type 2 (AGTR2) gene, and SNP_4795 as specified in SEQ ID NO:3 in an AGTR2 gene . ^ EFFECT: invention provides a method for determining sensitivity of a hypertensive individual to the aliskiren therapy, and application of a gene product of a gene specified in a group including the angiotensin-converting enzyme (ACE) gene and angiotensin II receptor type 2 (AGTR2) gene as a drug target. ^ 6 cl, 1 dwg, 7 tbl, 2 ex

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