

Title (en)
MALIC ACID DERIVATIVE CONTAINING RENIN INHIBITING PEPTIDES.

Title (de)
RENIN-INHIBIERENDE PEPTIDE, DIE DERIVATE DER APFELSÄURE ENTHALTEN.

Title (fr)
DERIVE D'ACIDE MALIQUE CONTENANT DES PEPTIDES INHIBANT LA RENINE.

Publication
EP 0366669 A1 19900509 (EN)

Application
EP 88904863 A 19880513

Priority
US 6809587 A 19870629

Abstract (en)
[origin: WO8900161A1] The present invention provides novel renin-inhibiting peptides of the formula Z-C(O)-CH(OH)-CH(CH₂R₁)-C(O)-N(R₂)-CH(CH₂R₃)-C(O)-NH-CH(CH₂R₄)-X-C(R₅) (R₂)-C(O)-Y-Z containing malic acid derivatives. Such inhibitors are useful for the diagnosis and control of renin-dependent hypertension and other related diseases.

Abstract (fr)
Nouveaux peptides inhibant la rénine, de formule Z-C(O)-CH(OH)-CH(CH₂R₁)-C(O)-N(R₂)-CH(CH₂R₃)-C(O)-NH-CH(CH₂R₄)-X-C(R₅)(R₂)-C(O)-Y-Z, contenant des dérivés d'acide malique. De tels inhibiteurs sont utiles au diagnostic et à la régulation de l'hypertension subordonnée à la rénine, ainsi que d'autres maladies apparentées.

IPC 1-7
A61K 31/395; C07D 401/12

IPC 8 full level
C12N 9/99 (2006.01); **A61K 31/495** (2006.01); **A61K 31/496** (2006.01); **A61K 31/535** (2006.01); **A61K 31/5355** (2006.01); **A61K 31/5375** (2006.01); **A61K 31/66** (2006.01); **A61K 38/55** (2006.01); **A61P 5/38** (2006.01); **A61P 9/00** (2006.01); **A61P 9/12** (2006.01); **A61P 43/00** (2006.01); **C07D 217/24** (2006.01); **C07D 233/54** (2006.01); **C07D 235/18** (2006.01); **C07D 295/18** (2006.01); **C07D 401/12** (2006.01); **C07K 5/06** (2006.01); **C07K 14/81** (2006.01)

CPC (source: EP KR)
A61P 5/38 (2017.12 - EP); **A61P 9/00** (2017.12 - EP); **A61P 9/12** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07D 233/64** (2013.01 - EP); **C07D 401/12** (2013.01 - EP KR)

Citation (search report)
See references of WO 8900161A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
WO 8900161 A1 19890112; AU 1780588 A 19890130; EP 0366669 A1 19900509; JP H02504143 A 19901129; KR 890701579 A 19891221

DOCDB simple family (application)
US 8801535 W 19880513; AU 1780588 A 19880513; EP 88904863 A 19880513; JP 50440288 A 19880513; KR 890700388 A 19890302