

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(CH<sub>2</sub>R<sub>1</sub>)-C(O)-N(R<sub>2</sub>)-CH(CH<sub>2</sub>R<sub>3</sub>)-C(O)-NH-CH(CH<sub>2</sub>R<sub>4</sub>)-X-C(R<sub>5</sub>) (R<sub>2</sub>)-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(CH<sub>2</sub>R<sub>1</sub>)-C(O)-N(R<sub>2</sub>)-CH(CH<sub>2</sub>R<sub>3</sub>)-C(O)-NH-CH(CH<sub>2</sub>R<sub>4</sub>)-X-C(R<sub>5</sub>)(R<sub>2</sub>)-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