

Title (en)
PHENYL CARBOXAMIDE AND SULFONAMIDE DERIVATIVES FOR USE AS 11-BETA-HYDROXYSTEROID DEHYDROGENASE

Title (de)
PHENYLCARBONSÄUREAMID- UND -SULFONSÄUREAMIDDERIVATE ZUR VERWENDUNG ALS 11-BETA-HYDROXYSTEROID-DEHYDROGENASE

Title (fr)
DERIVES DE CARBOXAMIDE DE PHENYLE ET DE SULFONAMIDE UTILISABLES COMME 11-BETA-HYDROXYSTEROIDE DESHYDROGENASE

Publication
EP 1675844 A1 20060705 (EN)

Application
EP 04791576 A 20041022

Priority
• GB 2004004498 W 20041022
• GB 0324792 A 20031023
• US 51321703 P 20031023

Abstract (en)
[origin: WO2005042513A1] There is provided a compound having Formula (I) R1-Z-R2 Formula (I) wherein R1 is an optionally substituted phenyl ring; R2 is or comprises an optionally substituted aromatic ring; and Z is -X-Y-L- or -Y-X-L- wherein either X is selected from -S(=O)(=O)- and -C(=O)-, and Y is -NR3-; or X is selected from -S(=O)(=O)- and -S-, and Y is -C(R4)(R5)-; L is an optional linker; and R3, R4 and R5 are each independently selected from H and hydrocarbonyl; and wherein when R2 comprises the following structural moiety, Formula (II) wherein Q is an atom selected from the group consisting of S, O, N and C; the compound is selected from compounds of the formulae R1-C(=O)-NR3-L-R2; R1-S(=O)(=O)-C(R4)(R5)-L-R2; R1-S-C(R4)(R5)-L-R2; R1-NR3-S(=O)(=O)-L-R2; R1-NR3-C(=O)-L-R2; R1-C(R4)(R5)-S(=O)(=O)-L-R2; and R1-C(R4)(R5)-S-L-R2. These compounds are useful as 11beta-hydroxysteroid dehydrogenase inhibitors in the treatment of i.a. diabetes.

IPC 1-7
C07D 319/18; C07D 277/64; C07D 241/42; C07D 333/54; C07C 311/21; C07D 311/18; C07D 307/79; C07D 231/56; C07D 213/76; C07D 209/48; C07D 261/16; C07D 495/04; C07D 333/70; C07D 211/28; C07D 215/38

IPC 8 full level
C07C 233/76 (2006.01); **C07C 235/56** (2006.01); **C07C 311/21** (2006.01); **C07C 311/40** (2006.01); **C07D 209/48** (2006.01); **C07D 211/28** (2006.01); **C07D 213/76** (2006.01); **C07D 215/38** (2006.01); **C07D 231/56** (2006.01); **C07D 241/42** (2006.01); **C07D 261/16** (2006.01); **C07D 261/20** (2006.01); **C07D 275/04** (2006.01); **C07D 277/64** (2006.01); **C07D 295/135** (2006.01); **C07D 307/79** (2006.01); **C07D 311/18** (2006.01); **C07D 319/18** (2006.01); **C07D 333/54** (2006.01); **C07D 333/70** (2006.01); **C07D 495/04** (2006.01)

CPC (source: EP)
C07C 233/76 (2013.01); **C07C 235/56** (2013.01); **C07C 311/21** (2013.01); **C07C 311/40** (2013.01); **C07D 209/48** (2013.01); **C07D 211/28** (2013.01); **C07D 213/76** (2013.01); **C07D 215/38** (2013.01); **C07D 231/56** (2013.01); **C07D 241/42** (2013.01); **C07D 261/16** (2013.01); **C07D 261/20** (2013.01); **C07D 275/04** (2013.01); **C07D 277/64** (2013.01); **C07D 295/135** (2013.01); **C07D 307/79** (2013.01); **C07D 311/18** (2013.01); **C07D 319/18** (2013.01); **C07D 333/54** (2013.01); **C07D 333/70** (2013.01); **C07D 495/04** (2013.01); **C07C 2602/08** (2017.04); **C07C 2602/10** (2017.04); **C07C 2603/18** (2017.04)

Citation (search report)
See references of WO 2005042513A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005042513 A1 20050512; CA 2540843 A1 20050512; EP 1675844 A1 20060705

DOCDB simple family (application)
GB 2004004498 W 20041022; CA 2540843 A 20041022; EP 04791576 A 20041022