

Title (en)  
BICYCLIC INDOLINE SULFONAMIDE DERIVATIVES

Title (de)  
BICYCLISCHE INDOLINSULFONAMID-DERIVATE

Title (fr)  
DERIVES BICYCLIQUES D'INDOLINE-SULFONAMIDES

Publication  
**EP 1654227 A1 20060510 (DE)**

Application  
**EP 04763344 A 20040720**

Priority

- EP 2004008075 W 20040720
- DE 10335449 A 20030802

Abstract (en)  
[origin: DE10335449A1] 2-(((5-(Phenyl or heteroaryl)-2,3-dihydro-1H-indol-1-yl)-sulfonyl)-1,2,3,4-tetrahydronaphthyl or indanyl)-alkanoic acid derivatives (I) are new. Bicyclic indoline-sulfonamide derivatives of formula (I) and their salts, solvates and solvated salts are new. [Image]  
R1>phenyl or Het (both optionally substituted by 1-3 of halo, CN, NO<sub>2</sub>, alkyl (optionally substituted by OH), alkoxy, CF<sub>3</sub>, OCF<sub>3</sub>, alkylsulfonyl, alkanoyl, alkoxycarbonyl, COOH, NH<sub>2</sub>, 1-6C acylamino or mono- or dialkylamino); Het : 5- or 6-membered heteroaryl containing 1 or 2 of N, O and/ or S as heteroatom(s); R2> - R6>H or 1-4C alkyl; or CR2>R3>3-7 membered, spiro-linked cycloalkyl ring; R7>H or group hydrolyzable to H; n : 1 or 2; alkyl moieties have 1-6C unless specified otherwise. An independent claim is included for the preparation of (I). ACTIVITY : Cerebroprotective; antiarteriosclerotic; cardiant; antilipemic; vasotropic; anorectic; antidiabetic; hypotensive; hepatotropic; antiinflammatory; cytostatic. MECHANISM OF ACTION : Peroxisome proliferator activated receptor-delta (PPAR-delta ) activator. N-(4-((3,3-Dimethyl-5-(4-(trifluoromethyl)-phenyl)-2,3-dihydro-1H-indol-1-yl)-sulfonyl)-phenyl)-N-methylglycine (Ia) had EC<sub>50</sub> in the range 10-100 nM in a cellular transactivation assay for identifying PPAR-delta ) activators, utilizing a GAL4-PPAR-delta chimera co-transfected with a reporter construct and stably expressed in CHO cells.

IPC 1-7  
**C07D 209/08**; **A61P 3/04**; **A61K 31/404**

IPC 8 full level  
**A61P 3/04** (2006.01); **C07D 209/08** (2006.01)

CPC (source: EP US)  
**A61P 3/04** (2017.12 - EP); **A61P 9/00** (2017.12 - EP); **A61P 9/10** (2017.12 - EP); **C07D 209/08** (2013.01 - EP US)

Citation (search report)  
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