

Title (en)

BIOLOGICALLY ACTIVE COMPOSITIONS, METHODS FOR PRODUCING THE SAME AND BIOLOGICAL APPLICATIONS

Title (de)

BIOLOGISCH AKTIVE ZUSAMMENSETZUNGEN SOWIE VERFAHREN ZU IHRER HERSTELLUNG UND BIOLOGISCHEN ANWENDUNG

Title (fr)

COMPOSITIONS BIOLOGIQUEMENT ACTIVES, PROCÉDÉ POUR LEUR OBTENTION, ET APPLICATIONS BIOLOGIQUES

Publication

EP 2100139 A2 20090916 (FR)

Application

EP 07870278 A 20071113

Priority

- FR 2007001869 W 20071113
- FR 0609930 A 20061114
- FR 0704278 A 20070615

Abstract (en)

[origin: FR2908310A1] Use of a product from plants comprising extracts, fractions and/or molecules as G-protein coupled receptor (TGR5) specific agonist, having minimum effective concentration (EC50) of greater/equal to TGR5 natural ligand comprising lithocholic acid, not activate the farnesoid X receptor (FXR) nuclear receptor, inducing a reduction of weight gain induced by a fatty food to a model, who has metabolic syndrome, and a reduction of mass of fatty cell of epididymis in the models, and inducing an improvement of glucose tolerance, is claimed. Use of a product from plants comprising extracts, fractions and/or molecules as G-protein coupled receptor (TGR5) specific agonist, where the plant extract or fraction is obtained from the extract or the molecules is obtained by the extract or fractions, having minimum effective concentration (EC50) of greater or equal to TGR5 natural ligand, such as lithocholic acid, not activate the farnesoid X receptor (FXR) nuclear receptor, inducing a reduction of weight gain induced by a fatty food to a model, who has metabolic syndrome, as well as a reduction of mass of fatty cell of epididymis in the models, and inducing an improvement of glucose tolerance, is claimed. ACTIVITY : Metabolic; Anorectic; Antidiabetic. MECHANISM OF ACTION : G-protein coupled receptor agonist. Tests details are described but no results given.

IPC 8 full level

G01N 33/50 (2006.01); **A61K 31/19** (2006.01); **A61K 36/00** (2006.01); **A61K 36/185** (2006.01); **A61K 36/52** (2006.01); **A61K 36/63** (2006.01); **A61K 36/73** (2006.01); **A61K 45/00** (2006.01); **A61P 3/00** (2006.01); **A61P 3/04** (2006.01); **A61P 3/10** (2006.01)

CPC (source: EP)

A61K 31/19 (2013.01); **A61K 36/00** (2013.01); **A61K 36/185** (2013.01); **A61K 36/45** (2013.01); **A61K 36/52** (2013.01); **A61K 36/63** (2013.01); **A61K 36/73** (2013.01); **A61K 38/40** (2013.01); **A61P 3/00** (2017.12); **A61P 3/04** (2017.12); **A61P 3/10** (2017.12); **G01N 33/6893** (2013.01); **G01N 2333/726** (2013.01); **G01N 2407/00** (2013.01); **G01N 2800/02** (2013.01); **G01N 2800/04** (2013.01)

Citation (search report)

See references of WO 2008074935A2

Citation (third parties)

Third party :

- DATABASE TKDL [online] "Akharotagunaah", XP003030914, Database accession no. RS/5029 & "Brhat Nighantu Ratnakara (Saligramanighantubhusanam)", vol. 4, part VII 1997, pages: 456
- DATABASE TKDL [online] "Aksoda (Bijadala)", XP003030915, Database accession no. RG/3581 & GOVT OF INDIA: "The Ayurvedic Pharmacopoeia of India", vol. II, part 1 1999, pages: 3 - 4
- DATABASE TKDL [online] "Dawa-e-shajana/sohanjana Barae Tauleed-e- Mani", XP003030916, Database accession no. AN2/9650 & MOHAMMAD NAJMUL GHANI KHAN: "Khazaain-al-Advia", vol. II, 1911, pages: 948
- DATABASE TKDL [online] "Ghiza-e-dawaae", XP003030917, Database accession no. AH3/4016 & ALI IBN-E-ABBAAS MAJOOSI: "Kaamil-al-Sena'ah", part II 2005, pages: 410
- DATABASE TKDL [online] "Dawa-e- Falona Musakkin", XP003030918, Database accession no. MH2/131 & ZIYA AL- DIN ABDULLAH IBN AL-BAITAR: "Al-Jaam'e-li-Mufradaat-al-Advia-wal-Aghzia", vol. IV, 1874, pages: 10 - 11

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DOCDB simple family (application)

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