

Title (en)

KISS1R RECEPTOR AGONIST COMPOUNDS AND USE THEREOF FOR INDUCING OVULATION IN MAMMALS

Title (de)

KISS1R-REZEPTORAGONISTENVERBINDUNGEN UND VERWENDUNG DAVON ZUR HERBEIFÜHRUNG DER OVULATION BEI SÄUGETIEREN

Title (fr)

COMPOSÉS AGONISTES DU RÉCEPTEUR KISS1 ET LEUR UTILISATION POUR INDUIRE L'OVULATION CHEZ LES MAMMIFÈRES

Publication

**EP 2951200 A1 20151209 (FR)**

Application

**EP 14702555 A 20140131**

Priority

- FR 1350858 A 20130131
- EP 2014051886 W 20140131

Abstract (en)

[origin: WO2014118318A1] The invention relates to a KISS1R agonist peptide compound capable of inducing ovulation in a female mammal, chosen from a pseudopeptide having the C-terminal sequence: -XaaΨ[Tz]Xaa2-Xaa3-Xaa4-NH<sub>2</sub> (SEQ ID NO: 3), where Ψ[Tz] represents a 1,4-disubstituted 1,2,3-triazole group replacing the peptide bond between the Xaa1 residue and the Xaa2 residue, Xaa1 represents Gly or Ala, Xaa2 represents Leu or an aliphatic α-aminoacyl analogue residue, Xaa3 represents Arg, Arg(Me) or a positively charged α-aminoacyl analogue residue, and Xaa4 represents Tyr, Phe, Trp or an α-aminoacyl analogue residue such as aryl alanine; an analogue of the pseudopeptide of sequence SEQ ID NO: 3 in which the amide peptide bond between Xaa2 and Xaa3 and/or between Xaa3 and Xaa4 is replaced with an isosteric bond; or a salt thereof.

IPC 8 full level

**C07K 14/575** (2006.01); **A61K 38/08** (2019.01)

CPC (source: EP US)

**A61K 38/07** (2013.01 - EP US); **A61K 38/08** (2013.01 - EP US); **A61P 15/08** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **C07K 5/02** (2013.01 - US); **C07K 7/00** (2013.01 - US); **C07K 7/02** (2013.01 - US); **C07K 7/06** (2013.01 - US); **C07K 14/575** (2013.01 - EP US); **A61K 38/00** (2013.01 - EP US)

Citation (search report)

See references of WO 2014118318A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**FR 3001455 A1 20140801**; **FR 3001455 B1 20171006**; BR 112015018283 A2 20170822; EP 2951200 A1 20151209; US 2015361138 A1 20151217; US 9884891 B2 20180206; WO 2014118318 A1 20140807

DOCDB simple family (application)

**FR 1350858 A 20130131**; BR 112015018283 A 20140131; EP 14702555 A 20140131; EP 2014051886 W 20140131; US 201414765251 A 20140131