

Title (en)

N-PYRROLIDIN-3-YL-AMIDE DERIVATIVES AS SEROTONIN AND NORADRENALIN RE-UPTAKE INHIBITORS

Title (de)

N-PYRROLIDIN-3-YLAMIDDERIVATE ALS SEROTONIN- UND NORADRENALIN-WIEDERAUFNAHMEHEMMER

Title (fr)

DÉRIVÉS DE N-PYRROLIDIN-3-YL-AMIDE COMME INHIBITEURS DE RECAPTAGE DE LA SÉROTONINE ET NORADRÉNALINE

Publication

**EP 1828122 A2 20070905 (EN)**

Application

**EP 05811385 A 20051208**

Priority

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- GB 0427618 A 20041216
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- US 69523805 P 20050628

Abstract (en)

[origin: WO2006064351A2] A compound of Formula (I) and pharmaceutically and/or veterinarily acceptable derivatives thereof, wherein: R<SUP>1</SUP> is H, C<SUB>1-6</SUB>alkyl, -C(A)Y, C<SUB>3-8</SUB>cycloalkyl, aryl, het, aryl-C<SUB>1-4</SUB>alkyl or het-C<SUB>1-4</SUB>alkyl, wherein the cycloalkyl, aryl or het groups are optionally substituted; A is S or O; Y is H, C<SUB>1-6</SUB>alkyl, aryl, het, aryl-C<SUB>1-4</SUB>alkyl or het-C<SUB>1-4</SUB>alkyl; aryl is independently selected from phenyl, naphthyl, anthracyl or phenanthryl; het is independently selected from an aromatic or non-aromatic 4-, 5- or 6- membered heterocycle which contains at least one N, O or S heteroatom, optionally fused to a 5- or 6- membered carbocyclic group or a second 4-, 5- or 6-membered heterocycle which contains at least one N, O or S heteroatom; R<SUP>2</SUP> is aryl<SUP>1</SUP> or het<SUP>1</SUP>, each optionally substituted; aryl<SUP>1</SUP> is independently selected from phenyl, naphthyl, anthracyl, phenanthryl, or indanyl; het<SUP>1</SUP> is an aromatic 5 to 10 membered heterocyclic ring system which contains at least one N, O or S heteroatom, optionally containing an aryl group; R<SUP>3</SUP> is H, C<SUB>1-8</SUB>alkyl, C<SUB>3-8</SUB>cycloalkyl, C<SUB>3-8</SUB>cycloalkyl-C<SUB>1-6</SUB>alkyl, C<SUB>1-8</SUB>alkylSC<SUB>1-8</SUB>alkyl, het<SUP>3</SUP>, or het<SUP>3</SUP>-C<SUB>1-4</SUB>alkyl, wherein the alkyl, cycloalkyl and het<SUP>3</SUP> groups are each optionally substituted; het<SUP>3</SUP> is a non-aromatic 4-, 5- or 6- membered heterocycle which contains at least one N, O or S heteroatom, optionally fused to a 5- or 6- membered carbocyclic group or a second 4-, 5- or 6-membered heterocycle which contains at least one N, O or S heteroatom; or R<SUP>3</SUP> is (CH<SUB>2</SUB>)<SUB>a</SUB> <SUP>, </SUP>K

IPC 8 full level

**A61K 31/40** (2006.01); **A61P 13/00** (2006.01); **A61P 25/24** (2006.01); **A61P 29/00** (2006.01); **C07D 207/34** (2006.01); **C07D 211/58** (2006.01); **C07D 401/12** (2006.01)

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