

Title (en)
FLUORINATED PHNO AND ANALOGS THEREOF

Title (de)
FLUORIERTE PHNO UND ANALOGA DAVON

Title (fr)
PHNO FLUORÉE ET ANALOGUES DE LADITE SUBSTANCE

Publication
EP 1853572 A4 20091111 (EN)

Application
EP 06705147 A 20060210

Priority

- CA 2006000191 W 20060210
- US 65199705 P 20050214
- US 70980105 P 20050822

Abstract (en)
[origin: WO2006084368A1] This application describes fluormated (+)PHNO and analogs thereof, including radiolabeled analogs, of Formula (I), wherein R¹ is C₁₋₆ alkyl in which one hydrogen atom on the alkyl chain is replaced with fluoro or radioactive fluoro. The application further describes compositions comprising these compounds and methods of using these compounds. The compounds of formula (I), have good affinity and selectivity for the dopamine D2 receptors and are therefore useful for the labelling of dopamine D2 receptors in vivo and for the identification and quantification of the extent of dopamine supersensitivity in the brain in various stages of a dopamine-related disease.

IPC 8 full level
A61K 31/538 (2006.01); **A61K 51/04** (2006.01); **A61P 25/16** (2006.01); **C07D 265/36** (2006.01)

CPC (source: EP)
A61P 25/16 (2017.12); **C07D 265/36** (2013.01)

Citation (search report)

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CN116925337A

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

DOCDB simple family (publication)
WO 2006084368 A1 20060817; CA 2597798 A1 20060817; EP 1853572 A1 20071114; EP 1853572 A4 20091111; MX 2007009847 A 20080310

DOCDB simple family (application)
CA 2006000191 W 20060210; CA 2597798 A 20060210; EP 06705147 A 20060210; MX 2007009847 A 20060210