

Patent List NiKem Research 2003-2010

- 1. EP 2133334**
HETEROCYCLIC DERIVATIVES AS HDAC INHIBITORS
(2009-12-16)
- 2. WO2009/149188**
COMPOUNDS AND METHODS FOR TREATING INFLAMMATORY AND FIBROTIC DISORDERS
(2009-12-10)
- 3. WO2009/127320**
TERTIARY AMINE DERIVATIVES AS PHOSPHODIESTERASE-4 INHIBITORS
(2009-10-22)
- 4. WO2009/112524**
PYRIDOPYRIMIDINES AS PLK1 (POLO-LIKE KINASE) INHIBITORS
(2009-09-17)
- 5. WO2009/103176**
NITROGEN-CONTAINING BICYCLIC COMPOUNDS ACTIVE ON CHRONIC PAIN CONDITIONS
(2009-08-27)
- 6. WO2009/027395**
A NEW CLASS OF HISTONE DEACETYLASE INHIBITORS
(2009-03-05)
- 7. WO2009/010871**
NOVEL HETEROARYL DERIVATIVES AS ANTAGONISTS OF ADENOSINE A3 RECEPTOR
(2009-01-22)
- 8. WO2008/125674**
USE OF DIMIRACETAM IN THE TREATMENT OF CHRONIC PAIN
(2008-10-23)
- 9. WO2008/117175**
NOVEL BENZAMIDE DERIVATIVES AS MODULATORS OF THE FOLLICLE STIMULATING HORMONE
(2008-10-02)
- 10. WO2008/056259**
OXAZOLE DERIVATIVES AS POSITIVE ALLOSTERIC MODULATORS OF METABOTROPIC GLUTAMATE RECEPTORS
(2008-05-15)
- 11. WO2008/058988**
PYRROLO[1,2-a]IMIDAZOLE DIONE EFFECTIVE IN THE TREATMENT OF PERIPHERAL NEUROTOXICITY INDUCED BY CHEMOTHERAPEUTIC AGENTS
(2008-05-22)
- 12. WO2008/053301**
NOVEL TETRACYCLIC INHIBITORS OF CYSTEINE PROTEASES, THE PHARMACEUTICAL COMPOSITION THEREOF AND THEIR THERAPEUTIC APPLICATIONS
(2008-05-08)
- 13. WO2008/052078**
BENZOXATHIINE AND BENZOXATHIOLE DERIVATIVES AND USES THEREOF
(2008-05-02)
- 14. WO2008/000818**
FLUORINATED INDOLEAMIDES USEFUL AS LIGANDS OF THE ORL-1 RECEPTOR
(2008-01-03)
- 15. WO2007/113249**
A NEW CLASS OF HISTONE DEACETYLASE INHIBITORS
(2007-10-11)
- 16. WO2007/066200**
NOVEL INHIBITORS OF CYSTEINE PROTEASES, THE PHARMACEUTICAL COMPOSITIONS THEREOF AND THEIR THERAPEUTIC APPLICATIONS

(2007-06-14)

- 17. WO2007/048848**
V-ATPASE INHIBITORS FOR USE IN THE TREATMENT OF SEPTIC SHOCK
(2007-05-03)
- 18. WO2007/048847**
INDOLE AND AZAINDOLE DERIVATIVES FOR THE TREATMENT OF INFLAMMATORY AND AUTOIMMUNE DISEASES
(2007-05-03)
- 19. EP 1749822**
INDENO[1,2-B]PYRAZINES AND RELATED DERIVATIVES AS CYSTEINE PROTEASE INHIBITORS, THEIR PREPARATION, PHARMACEUTICAL COMPOSITIONS, AND USE IN THERAPY
(2007-02-07)
- 20. WO2006/129199**
NOVEL HETEROCYCLIC COMPOUNDS AS POSITIVE ALLOSTERIC MODULATORS OF METABOTROPIC GLUTAMATE RECEPTORS
(2006-12-07)
- 21. WO2006/123257**
PYRROLE DERIVATIVES AS POSITIVE ALLOSTERIC MODULATORS OF METABOTROPIC RECEPTORS
(2006-11-23)
- 22. WO2006/123255**
SUBSTITUTED OXADIAZOLE DERIVATIVES AS POSITIVE ALLOSTERIC MODULATORS OF METABOTROPIC GLUTAMATE RECEPTORS
(2006-11-23)
- 23. WO2006/123249**
NOVEL OXADIAZOLE DERIVATIVES AND THEIR USE AS POSITIVE ALLOSTERIC MODULATORS OF METABOTROPIC GLUTAMATE RECEPTORS
(2006-11-23)
- 24. WO2006/123244**
CARBAMATE DERIVATIVES AS POSITIVE ALLOSTERIC MODULATORS OF METABOTROPIC GLUTAMATE RECEPTORS
(2006-11-23)
- 25. WO2006/070001**
SUBSTITUTED INDOLE LIGANDS FOR THE ORL-1 RECEPTOR
(2006-07-06)
- 26. WO2006/048771**
NOVEL TETRAZOLE DERIVATIVES AS POSITIVE ALLOSTERIC MODULATORS OF METABOTROPIC GLUTAMATE RECEPTORS
(2006-05-11)
- 27. WO2006/066924**
AZOLE DERIVATIVES WITH ANTIMUSCARINIC ACTIVITY
(2006-06-29)
- 28. WO2006/016219**
DERIVATIVES OF 1-PHENYLALKANECARBOXYLIC ACID FOR THE TREATMENT OF NEURODEGENERATIVE DISEASES
(2006-02-16)
- 29. WO2005/105213**
INDOLE AND AZAINDOLE DERIVATIVES WITH ANTITUMOUR ACTION
(2005-11-10)
- 30. WO2005/105078**
INDOLE DERIVATIVES USEFUL FOR TREATING RESISTANCE TO ANTITUMOUR AGENTS
(2005-11-10)
- 31. WO2005/074939**
COMBINATION OF CB2 MODULATORS AND PDE4 INHIBITORS FOR USE IN MEDICINE
(2005-08-18)

- 32. WO2005/054190**
3-AMINOPYRROLIDINE DERIVATIVES
(2005-06-16)
- 33. WO2005/054189**
N-ACYL-N'-BENZYL-ALKYLENDIAMINO DERIVATIVES
(2005-06-16)
- 34. WO2005/054178**
CYCLOPENTYL DERIVATIVES
(2005-06-16)
- 35. WO2005/040138**
SUBSTITUTED BENZYLAMINOALKYLENE HETEROCYCLES
(2005-05-06)
- 36. WO2005/040108**
PROLINAMIDE DERIVATIVES AS SODIUM AND/OR CALCIUM CHANNEL BLOCKERS OR
SELECTIVE MAO-B INHIBITORS
(2005-05-06)
- 37. WO2005/005411**
SUBSTITUTED INDOLE LIGANDS FOR THE ORL-1 RECEPTOR
(2005-01-20)
- 38. WO2005/000845**
BICYCLIC DERIVATIVES AS NK-1 AND NK-2 ANTAGONISTS
(2005-01-06)
- 39. WO2004/085438**
COMPOUNDS WITH NOOTROPIC ACTION, THEIR PREPARATION, PHARMACEUTICAL
COMPOSITIONS CONTAINING THEM, AND USE THEREOF
(2004-10-07)
- 40. WO2004/074232**
1-PHENYLALKANECARBOXYLIC ACID DERIVATIVES FOR THE TREATMENT OF
NEURODEGENERATIVE DISEASES
(2004-09-02)
- 41. WO2004/073705**
1-PHENYL-2-MONOALKYL CARBOXYLIC ACID DERIVATIVES FOR THE TREATMENT OF
NEURODEGENERATIVE DISEASES
(2004-09-02)
- 42. WO2004/029027**
PYRIDINE DERIVATIVES AS CB2 RECEPTOR MODULATORS
(2004-04-08)
- 43. WO2004/029026**
PYRIDINE DERIVATIVES AS CB2 RECEPTOR MODULATORS
(2004-04-08)
- 44. WO2004/004715**
PREPARATION OF PYRIDINE-2,4-DIAMINES AS DELTA OPIOID RECEPTOR MODULATORS
(2004-01-15)
- 45. WO2003/040099**
PREPARATION OF BENZOSUBERONYLPYPERIDINE COMPOUNDS
(2003-05-15)

NiKem Research Publications 2001-2010

Respiratory disease related

1. Medicinal chemistry and therapeutic potential of muscarinic M3 antagonists. *I. Peretto, P. Petrillo, B.P. Imbimbo. Med. Res. Rev.*, 2009, 29(6), 821-842.
<http://www3.interscience.wiley.com/journal/122366175/abstract>
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3. Discovery of Diaryl Imidazolidin-2-one Derivatives, a Novel Class of Muscarinic M3 Selective Antagonists (Part 2). *I. Peretto, C. Fossati, G.A.M. Giardina, A. Giardini, M. Guala, E. LaPorta, P. Petrillo, S. Radaelli, L. Radice, L.F. Raveglia, E. Santoro, R. Scudellaro, F. Scarpitta, A. Cerri, S. Menegon, G.M. Dondio, A. Rizzi, E. Armani, G. Amari, M. Civelli, G. Villetti, R. Patacchini, M. Bergamaschi, F. Bassani, M. Delcanale, B.P. Imbimbo. J. Med. Chem.* 2007, 50, 1693-1697. <http://dx.doi.org/10.1021/jm061160>
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5. Diarylimidazolidin-2-one derivatives: a novel class of selective muscarinic M3 receptor antagonists. *I. Peretto, C. Fossati, G.A.M. Giardina, A. Giardini, E. La Porta, P. Petrillo, S. Radaelli, L. Radice, L.F. Raveglia, E. Santoro, F. Scarpitta, A. Rizzi, E. Armani, G. Amari, B.P. Imbimbo. Drugs of the Future*, 2006, 31(Suppl. A – XIXth Int. Symp. Med. Chem.), 42 (O10).

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6. Semagacestat, a γ -secretase inhibitor for the potential treatment of Alzheimer's disease. *B. P. Imbimbo and I. Peretto. Curr.Opin.Invest. Drugs*, 2009, 10(7), 721-730.
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13. Modification of nociception and morphine tolerance by the selective opiate receptor-like orphan receptor antagonist (-)-cis-1-methyl-7-[[4-(2,6-dichlorophenyl)piperidin-1-yl]methyl]-6,7,8,9-tetrahydro-5H-benzocyclohepten-5-ol (SB-612111). *P.F. Zaratini, G. Petrone, M. Sbacchi, M. Garnier, C. Fossati, P. Petrillo, S. Ronzoni, G.A.M. Giardina, M.A. Scheideler. J. Pharmacol. Exp. Ther.*, 2004, *308*, 454. <http://jpet.aspetjournals.org/cgi/content/full/308/2/454>
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Inflammatory related & miscellaneous therapeutic targets

20. Spleen tyrosine kinases: biology, therapeutic targets and drugs. *M. Riccaboni, I. Bianchi, P. Petrillo. Drug Discovery Today*, 2010 accepted for publication.
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Physical & ADMET techniques

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Strategy

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