

Imidazoline Receptors

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*An increasing number of studies suggest that the pharmacology and...*20th August, 2008
Tbilisi State Medical University, Department of Pharmacology.- Georgian Med News. 2008 Jul-Aug;(160-161):44-7.
- [The antiarrhythmic effect of centrally administered rilmenidine involves muscarinic receptors, protein kinase C and mitochondrial signalling pathways.](#)
*BACKGROUND AND PURPOSE: We have previously demonstrated that stimulation...*13th August, 2008
Department of Anesthesiology, Osaka University Medical School, Osaka,- Br J Pharmacol. 2008 Apr;153(8):1623-30. Epub 2008 Feb 25. ([DOI Direct Link](#))
- [Novel targets for Huntington's disease in an mTOR-independent autophagy pathway.](#)
*Autophagy is a major clearance route for intracellular aggregate-prone...*7th August, 2008
Department of Medical Genetics, University of Cambridge, Cambridge- Nat Chem Biol. 2008 May;4(5):295-305. ([DOI Direct Link](#))
- [Imidazoline I\(1\) receptor-mediated reduction of muscle rigidity in the reserpine-treated murine model of Parkinson's disease.](#)
*To explore the therapeutic potential of imidazoline I(1) receptor ligands...*8th July, 2008
Laboratory of CNS Pharmacology, Graduate School of Pharmaceutical- Eur J Pharmacol. 2008 Jul 28;589(1-3):102-5. Epub 2008 Jun 7. ([DOI Direct Link](#))
- [G-protein inwardly rectifying potassium channels are involved in the hypotensive effect of I1-imidazoline receptor selective ligands.](#)
*OBJECTIVE: The present study examined the role of G-protein inwardly...*4th July, 2008
Laboratoire de Neurobiologie et Pharmacologie Cardiovasculaire, INSERM- J Hypertens. 2008 May;26(5):1025-32. ([DOI Direct Link](#))
- [Effects of spinal alpha\(2\)-adrenoceptor and I\(1\)-imidazoline receptor activation on hindlimb movement induction in spinal cord-injured mice.](#)
*A partial recovery of locomotor functions has been shown in spinal...*17th June, 2008
Neuroscience Unit, RC-9800, Laval University Medical Center, 2705 Laurier- J Pharmacol Exp Ther. 2008 Jun;325(3):994-1006. Epub 2008 Mar 25. ([DOI Direct Link](#))
- [Nischarin inhibits LIM kinase to regulate cofilin phosphorylation and cell invasion.](#)
*Nischarin is a novel protein that regulates cell migration by inhibiting...*17th June, 2008
Department of Biochemistry and Molecular Biology, School of Medicine, LSU- Mol Cell Biol. 2008 Jun;28(11):3742-56. Epub 2008 Mar 10. ([DOI Direct Link](#))

- [Imidazole receptors.](#)
This two-day symposium was the third international meeting on imidazoline... 10th May, 2008
Baker Medical Research Institute, Neuropharmacology Laboratory, Commercial- IDrugs. 1998
Oct;1(6):643-6.
- [Focus on hypertension and overall cardiovascular risk: a report from the 21st scientific meeting of the International Society of Hypertension.](#)
Nischarin is a novel protein that regulates cell migration by inhibiting... 19th April, 2008
Medical Information Department, Prous Science.- *Timely Top Med Cardiovasc Dis.* 2007 Jan 1;11:E4.
- [A novel synthesis of chiral guanidinium receptors and their use in unfolding the energetics of enantiorecognition of chiral carboxylates.](#)
A novel synthetic route to the versatile chiral bicyclic guanidinium... 4th April, 2008
Department of Chemistry, Technical University of Munich,- *J Org Chem.* 2008 Feb 1;73(3):1077-87.
Epub 2007 Dec 28. ([DOI Direct Link](#))
- [Dexmedetomidine increases hippocampal phosphorylated extracellular signal-regulated protein kinase 1 and 2 content by an alpha 2-adrenoceptor-independent mechanism: evidence for the involvement of imidazoline I1 receptors.](#)
BACKGROUND: Dexmedetomidine is a potent and selective alpha2-adrenoceptor... 13th March, 2008
Department of Anesthesiology, Beaujon University Hospital, Clichy, France.- *Anesthesiology.* 2008
Mar;108(3):457-66. ([DOI Direct Link](#))
- [Synthesis, molecular structure and reactivity of 5-methylidene-1,2,3,5-tetrahydroimidazo\[2,1-b\]quinazolines.](#)
Synthesis of novel 5-methylidene-1,2,3,5-tetrahydro[2,1-b]-quinazoline... 4th March, 2008
Department of Chemical Technology of Drugs, Medical University of Gdansk,- *Molecules.* 2004 Feb
28;9(3):86-101.
- [Dexmedetomidine reduces long-term potentiation in mouse hippocampus.](#)
BACKGROUND: Dexmedetomidine (Precedex; Abbott Laboratories, Abbott Park,... 24th January, 2008
Department of Anesthesiology, National Defense Medical College,- *Anesthesiology.* 2008
Jan;108(1):94-102. ([DOI Direct Link](#))
- [Brainstem phosphorylated extracellular signal-regulated kinase 1/2-nitric-oxide synthase signaling mediates the adenosine A2A-dependent hypotensive action of clonidine in conscious aortic barodenervated rats.](#)
The cellular mechanisms that underlie the enhancement of clonidine-evoked... 19th January, 2008
Department of Pharmacology and Toxicology, School of Medicine, East- *J Pharmacol Exp Ther.* 2008
Jan;324(1):79-85. Epub 2007 Oct 12. ([DOI Direct Link](#))
- [Agmatine : metabolic pathway and spectrum of activity in brain.](#)
Agmatine is an endogenous neuromodulator that, based on animal studies,... 20th December, 2007
Department of Psychiatry and Behavioral Neurosciences, Loyola University- *CNS Drugs.*
2007;21(11):885-900.

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- [BUYINS.NET: IDRA, RICK, DIAAF, SKNN, XHUA, ORXGF Have Also Been Added To Naked Short List Today](#)
Calibre Macro World: Aug 25 2008 12:39PM Matching: receptors
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- Business Wire: Aug 22 2008 3:40PM Matching: receptors*
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- Forbes.com: Aug 22 2008 3:25PM Matching: receptors*
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- Macro World Investor: Aug 22 2008 3:16PM Matching: receptors*
- [The Latest Neuronal Nicotinic Receptors Report is Now Available, Offering Key Insights into Strategy and Devel](#)
- Yahoo! Canada: Aug 22 2008 3:07PM Matching: receptors*
- [The Latest Neuronal Nicotinic Receptors Report is Now Available, Offering Key Insights into Strategy and Devel](#)
- Earthtimes.org: Aug 22 2008 3:06PM Matching: receptors*
- [Research and Markets: The Latest Neuronal Nicotinic Receptors Report is Now Available, Offering Key Insights i](#)
- TMC Net: Aug 22 2008 6:34PM Matching: receptors*
- [The Latest Neuronal Nicotinic Receptors Report is Now Available, Offering Key Insights into Strategy and Devel](#)
- Therapeutics Daily: Aug 22 2008 4:26PM Matching: receptors*
- [The Latest Neuronal Nicotinic Receptors Report is Now Available, Offering Key Insights into Strategy and Devel](#)
- Business Wire via Yahoo!: Aug 22 2008 3:07PM Matching: receptors*
- [Cocaine: How addiction develops](#)
- Genetic Engineering News: Aug 21 2008 5:35PM Matching: receptors*
- [Light Receptors in Eye Play Key Role in Setting Biological Clock](#)
- Innovations Report: Aug 20 2008 1:16PM Matching: receptors*
- [Aureus Pharma Releases New Unified Knowledge Database](#)
- KOTA Territory News: Aug 19 2008 2:10AM Matching: receptors*
- [Aureus Pharma Releases AurPROFILER\(R\) - a New and Powerful Pharmacology Profiling Solution](#)
- KOTA Territory News: Aug 19 2008 2:10AM Matching: receptors*

Imidazoline Receptors Patents:



- 5310930- [Benzofuranylimidazole derivatives, a process for their preparation and therapeutical compositions containing the same](#)
- 5925665- [Imidazoline compounds](#)
- 5972948- [Method of inhibiting hyperglycemia and pharmaceutical composition for use therein](#)
- 5977121- [Use of moxonidine for the treatment of atherosclerosis](#)
- 6015690- [DNA sequence encoding a human imidazoline receptor and method for cloning the same](#)
- 6033871- [DNA molecules encoding imidazoline receptive polypeptides and polypeptides encoded thereby](#)

- 6057317- [Heterocyclic compounds](#)
- 6066643- [Potentiation of pharmaceuticals](#)
- 6087361- [Aryl-imidazolines and aryl-imidazoles useful as .alpha.-2 adrenergic agonists without cardiovascular side effects](#)
- 6114392- [Agmatine, and polyaminoguanidine-bound heterocyclic compounds for neurotrauma and neurodegenerative diseases](#)
- 5914235- [Potentiation of \[³H\] 2-\(2-benzofuranyl\)-2-imidazoline \(BFI\) binding sites in human tissue by tranlycypromine \(TCP\)](#)
- 5863934- [Use of lofexidine in the treatment of behavioral disorders](#)
- 5354769- [Benzofuranylimidazole derivatives and therapeutical compositions containing the same](#)
- 5574059- [Treating disorders mediated by vascular smooth muscle cell proliferation](#)
- 5677349- [Agmatine for the treatment of neurotrauma and neurodegenerative diseases](#)
- 5712283- [Method of inhibiting hyperglycemia and pharmaceutical composition for use therein](#)
- 5726197- [Isoindoliny derivatives](#)
- 5732717- [Method for treating substance abuse withdrawal](#)
- 5816260- [Method for treating substance abuse withdrawal](#)
- 5846974- [Method for treating substance abuse withdrawal](#)
- 5854290- [Use of guanfacine in the treatment of behavioral disorders](#)
- 6117879- [Methods of using moxonidine to inhibit nociceptive pain](#)
- 6204271- [Analgesic composition and method for using same](#)
- 6413757- [25312, a novel human agmatinase-like homolog](#)
- 6881826- [Imidazoline receptive polypeptides](#)
- 6987005- [DNA encoding SNORF33 receptor](#)
- 7037671- [25312, a novel human agmatinase-like homolog](#)
- 7232837- [Stereoisomers with high affinity for adrenergic receptors](#)
- 7262223- [Amidine derivatives for treating amyloidosis](#)
- 7309706- [Method for the treatment of diseases requiring inhibition or a reduction in the activity of pH value-regulating bicarbonate transporter proteins](#)
- 7347984- [Mammalian agmatinase inhibitory substance](#)
- 7371535- [Processes for determining compounds that interact with snorf33 receptor](#)
- 7384752- [DNA encoding a human imidazoline receptor and ligand binding assay employing same](#)
- 6875788- [Imidazoline compounds](#)
- 6777394- [Methods and compositions for regulating imidazoline receptors](#)
- 6475752- [Mammalian imidazoline receptor](#)
- 6492553- [Methods for preparing N-\[\(aliphatic or aromatic\)carbonyl\]-2-aminoamide compounds and for cyclizing such compounds](#)
- 6495529- [\(-\)-Pseudoephedrine as a sympathomimetic drug](#)
- 6544541- [Devices and compounds for treating arterial restenosis](#)
- 6576742- [DNA sequence encoding a human imidazoline receptor and method for cloning the same](#)
- 6635668- [Imidazoline receptor binding compounds](#)
- 6638943- [Yohimbine dimers exhibiting binding selectivities for .alpha.2 adrenergic receptors](#)
- 6642039- [25312, a novel human agmatinase-like homolog](#)
- 6664424- [Stereoisomers with high affinity for adrenergic receptors](#)
- 7385039- [Methods and compositions for regulating imidazoline receptors](#)

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