

Pharmacological agents acting at subtypes of metabotropic

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Stimulation of High-Affinity GTPase Activity Through Group II Metabotropic Glutamate Receptors in Rat Hippocampal and Striatal Membranes. <i>The Japanese Journal of Pharmacology</i> , 2000, 84, 399-404.	1.2	1
2	The mGlu5 receptor agonist CHPG stimulates striatal glutamate release. <i>NeuroReport</i> , 2000, 11, 3611-3614.	0.6	43
3	AIDA reduces glutamate release and attenuates mechanical allodynia after spinal cord injury. <i>NeuroReport</i> , 2000, 11, 3067-3070.	0.6	49
4	Co-existence in DUM neurones of two GluCl channels that differ in their picrotoxin sensitivity. <i>NeuroReport</i> , 2000, 11, 2695-2701.	0.6	40
5	Upregulation of metabotropic glutamate receptor subtype mGluR3 and mGluR5 in reactive astrocytes in a rat model of mesial temporal lobe epilepsy. <i>European Journal of Neuroscience</i> , 2000, 12, 2333-2344.	1.2	259
6	Novel enantioselective synthesis of (2S,2 $\alpha$ <sup>2</sup> R,3 $\alpha$ <sup>2</sup> R)-2-(2 $\alpha$ <sup>2</sup> ,3 $\alpha$ <sup>2</sup> -dicarboxycyclopropyl)glycine (DCG-IV). <i>Tetrahedron Letters</i> , 2000, 41, 9125-9128.	0.7	16
7	Pharmacological characterization of metabotropic glutamate receptor-mediated high-affinity GTPase activity in rat cerebral cortical membranes. <i>British Journal of Pharmacology</i> , 2000, 130, 1664-1670.	2.7	9
8	A novel, competitive mGlu5 receptor antagonist (LY344545) blocks DHPG-induced potentiation of NMDA responses but not the induction of LTP in rat hippocampal slices. <i>British Journal of Pharmacology</i> , 2000, 131, 239-244.	2.7	68
9	Selective mGluR5 antagonists MPEP and SIB-1893 decrease NMDA or glutamate-mediated neuronal toxicity through actions that reflect NMDA receptor antagonism. <i>British Journal of Pharmacology</i> , 2000, 131, 1429-1437.	2.7	179
10	Synaptic kainate receptors. <i>Current Opinion in Neurobiology</i> , 2000, 10, 342-351.	2.0	164
11	Expression of metabotropic glutamate receptors in murine thymocytes and thymic stromal cells. <i>Journal of Neuroimmunology</i> , 2000, 109, 112-120.	1.1	74
12	2R,4R-4-Aminopyrrolidine-2,4-dicarboxylate (APDC) attenuates cortical EPSPs. <i>Brain Research</i> , 2000, 873, 212-217.	1.1	13
13	Involvement of mGluR5 on acute nociceptive transmission. <i>Brain Research</i> , 2000, 871, 223-233.	1.1	36
14	Dopamine and 5-HT turnover are increased by the mGlu2/3 receptor agonist LY379268 in rat medial prefrontal cortex, nucleus accumbens and striatum. <i>Brain Research</i> , 2000, 887, 378-384.	1.1	43
15	Three-dimensional model of the extracellular domain of the type 4a metabotropic glutamate receptor: New insights into the activation process. <i>Protein Science</i> , 2000, 9, 2200-2209.	3.1	63
16	The mGlu2/3 receptor agonist LY379268 selectively blocks amphetamine ambulations and rearing. <i>European Journal of Pharmacology</i> , 2000, 400, 221-224.	1.7	86
17	Binding of [ <sup>3</sup> H](2S,1'S,2'S)-2-(9-xanthylmethyl)-2-(2'-carboxycyclopropyl)glycine ([ <sup>3</sup> H]LY341495) to cell membranes expressing recombinant human group III metabotropic glutamate receptor subtypes. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2000, 362, 546-554.	1.4	52
18	AMPA prevents glutamate-induced neurotoxicity and apoptosis in cultured cerebellar granule cell neurons. <i>Neurotoxicity Research</i> , 2000, 2, 51-61.	1.3	8

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19	Modulation of Long-Term Depression by Dopamine in the Mesolimbic System. <i>Journal of Neuroscience</i> , 2000, 20, 5581-5586.	1.7	188
20	Groups II and III Metabotropic Glutamate Receptors Differentially Modulate Brief and Prolonged Nociception in Primate STT Cells. <i>Journal of Neurophysiology</i> , 2000, 84, 2998-3009.	0.9	97
21	PICK1 Interacts with and Regulates PKC Phosphorylation of mGluR7. <i>Journal of Neuroscience</i> , 2000, 20, 7252-7257.	1.7	144
22	Cocaine and Kindling Alter the Sensitivity of Group II and III Metabotropic Glutamate Receptors in the Central Amygdala. <i>Journal of Neurophysiology</i> , 2000, 84, 759-770.	0.9	71
23	The Non-competitive Antagonists 2-Methyl-6-(phenylethynyl)pyridine and 7-Hydroxyiminocyclopropan[b]chromen-1a-carboxylic Acid Ethyl Ester Interact with Overlapping Binding Pockets in the Transmembrane Region of Group I Metabotropic Glutamate Receptors. <i>Journal of Biological Chemistry</i> , 2000, 275, 33750-33758.	1.6	242
24	Synaptic mechanisms in nociception: emerging targets for centrally-acting analgesics. <i>Expert Opinion on Therapeutic Targets</i> , 2000, 4, 173-189.	1.0	4
25	Reciprocal communication systems between astrocytes and neurones. <i>Progress in Neurobiology</i> , 2000, 62, 561-581.	2.8	208
26	Neuroprotection by group I metabotropic glutamate receptor antagonists in forebrain ischemia of gerbil. <i>Neuroscience Letters</i> , 2000, 293, 1-4.	1.0	55
27	Selective blockade of metabotropic glutamate receptor subtype 5 is neuroprotective. <i>Neuropharmacology</i> , 2000, 39, 2223-2230.	2.0	119
28	Chapter 1. Metabotropic glutamate receptor modulators: Recent advances and therapeutic potential. <i>Annual Reports in Medicinal Chemistry</i> , 2000, 35, 1-10.	0.5	6
29	Chiral Resolution, Pharmacological Characterization, and Receptor Docking of the Noncompetitive mGlu1 Receptor Antagonist (±)-2-Hydroxyimino-1a,2-dihydro-1H-7-oxacyclopropan[b]naphthalene-7a-carboxylic Acid Ethyl Ester. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 4428-4436.	2.9	22
30	Ligands for Glutamate Receptors: Design and Therapeutic Prospects. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 2609-2645.	2.9	520
31	Selective Blockade of the mGluR1 Receptor Reduces Traumatic Neuronal Injury in Vitro and Improves Outcome after Brain Trauma. <i>Experimental Neurology</i> , 2001, 167, 435-444.	2.0	89
32	Selective Blockade of Type-1 Metabotropic Glutamate Receptors Induces Neuroprotection by Enhancing Gabaergic Transmission. <i>Molecular and Cellular Neurosciences</i> , 2001, 17, 1071-1083.	1.0	92
33	Immunohistochemical localization of group I and II metabotropic glutamate receptors in control and amyotrophic lateral sclerosis human spinal cord: upregulation in reactive astrocytes. <i>Neuroscience</i> , 2001, 105, 509-520.	1.1	149
34	Augmented motor activity and reduced striatal preprodynorphin mRNA induction in response to acute amphetamine administration in metabotropic glutamate receptor 1 knockout mice. <i>Neuroscience</i> , 2001, 106, 303-312.	1.1	38
35	Modulation of spontaneous quantal release of neurotransmitters in the hippocampus. <i>Progress in Neurobiology</i> , 2001, 63, 613-635.	2.8	67
36	Glutamate uptake. <i>Progress in Neurobiology</i> , 2001, 65, 1-105.	2.8	4,083

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42	Upregulation of prodynorphin and preproenkephalin mRNA expression by selective activation of group I metabotropic glutamate receptors in characterized primary cultures of rat striatal neurons. <i>Molecular Brain Research</i> , 2001, 86, 125-137.	2.5	51
43	Ionotropic and metabotropic GABA and glutamate receptors in primate basal ganglia. <i>Journal of Chemical Neuroanatomy</i> , 2001, 22, 13-42.	1.0	69
44	Metabotropic glutamate receptor subtype 5 (mGlu5) and nociceptive function. <i>Neuropharmacology</i> , 2001, 40, 1-9.	2.0	166
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46	Activity-dependent presynaptic autoinhibition by group II metabotropic glutamate receptors at the perforant path inputs to the dentate gyrus and CA1. <i>Neuropharmacology</i> , 2001, 40, 20-27.	2.0	60
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48	Pharmacological properties of native metabotropic glutamate receptors in freshly dissociated Golgi cells of the rat cerebellum. <i>Neuropharmacology</i> , 2001, 40, 163-169.	2.0	14
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52	Acute increases in monoamine release in the rat prefrontal cortex by the mGlu2/3 agonist LY379268 are similar in profile to risperidone, not locally mediated, and can be elicited in the presence of uptake blockade. <i>Neuropharmacology</i> , 2001, 40, 847-855.	2.0	55
53	Anti-epileptic activity of group II metabotropic glutamate receptor agonists ( $\hat{\alpha}$ )-2-oxa-4-aminobicyclo[3.1.0]hexane-4,6-dicarboxylate (LY379268) and ( $\hat{\alpha}$ )-2-thia-4-aminobicyclo[3.1.0]hexane-4,6-dicarboxylate (LY389795). <i>Neuropharmacology</i> , 2001, 41, 8-18.	2.0	58
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55	Metabotropic glutamate receptor subtypes modulating neurotransmission at parallel fibre-Purkinje cell synapses in rat cerebellum. <i>Neuropharmacology</i> , 2001, 41, 42-49.	2.0	31
56	Blockade of the metabotropic glutamate receptor subtype 5 (mGluR5) produces antiparkinsonian-like effects in rats. <i>Neuropharmacology</i> , 2001, 41, 413-420.	2.0	106
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62	Activation of Group I mGluRs Is Necessary for Induction of Long-Term Depression at Striatal Synapses. <i>Journal of Neurophysiology</i> , 2001, 86, 2405-2412.	0.9	149
63	Reduced Excitatory Drive onto Interneurons in the Dentate Gyrus after Status Epilepticus. <i>Journal of Neuroscience</i> , 2001, 21, 2048-2057.	1.7	80
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71	Agonist-induced internalization of the metabotropic glutamate receptor 1a is arrestin- and dynamin-dependent. <i>Journal of Neurochemistry</i> , 2001, 78, 546-551.	2.1	78
73	Changes in Rat Serum Corticosterone After Treatment with Metabotropic Glutamate Receptor Agonists or Antagonists. <i>Journal of Neuroendocrinology</i> , 2001, 13, 670-677.	1.2	42
74	Synthesis of phenylglycine derivatives as potent and selective antagonists of group III metabotropic glutamate receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 777-780.	1.0	24

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76	Ionotropic and metabotropic glutamate receptor protein expression in glioneuronal tumours from patients with intractable epilepsy. <i>Neuropathology and Applied Neurobiology</i> , 2001, 27, 223-237.	1.8	130
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101	Differential Regulation of Glutamate Receptors in Alzheimer's Disease. <i>NeuroSignals</i> , 2002, 11, 282-292.	0.5	34
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103	Metabotropic Glutamate Receptor 1 Internalization Induced by Muscarinic Acetylcholine Receptor Activation: Differential Dependency of Internalization of Splice Variants on Nonvisual Arrestins. <i>Molecular Pharmacology</i> , 2002, 61, 1114-1123.	1.0	37
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108	[ <sup>3</sup> H]Methoxymethyl-3-[(2-methyl-1,3-thiazol-4-yl)ethynyl]pyridine Binding to Metabotropic Glutamate Receptor Subtype 5 in Rodent Brain: In Vitro and in Vivo Characterization. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 303, 1044-1051.	1.3	112
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112	Synaptic Anchoring of Glycine Receptors in Developing Collicular Neurons under Control of Metabotropic Glutamate Receptor Activity. <i>Molecular and Cellular Neurosciences</i> , 2002, 21, 324-340.	1.0	25
113	Control of neurotransmitter release by metabotropic glutamate receptors. <i>European Neuropsychopharmacology</i> , 2002, 12, 115-116.	0.3	0
114	Anatomy, physiology and pharmacology of GABAB receptors. <i>European Neuropsychopharmacology</i> , 2002, 12, 116-117.	0.3	1
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135	Altered Short-Term Synaptic Plasticity in Mice Lacking the Metabotropic Glutamate Receptor mGlu7. <i>Scientific World Journal</i> , The, 2002, 2, 730-737.	0.8	55
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