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Inactivation of purified human recombinant monoamine oxidases A and B by rasagiline and its analogues

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Journal of Medicinal Chemistry, 2004, 47, 1760-6.

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#	Paper	IF	Citations
82	Novel bifunctional drugs targeting monoamine oxidase inhibition and iron chelation as an approach to neuroprotection in Parkinson's disease and other neurodegenerative diseases. <i>Journal of Neural Transmission</i> , 2004 , 111, 1455-71	4.3	107
81	Crystal structures of monoamine oxidase B in complex with four inhibitors of the N-propargylaminoindan class. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 1767-74	8.3	171
80	Human recombinant monoamine oxidase B as reliable and efficient enzyme source for inhibitor screening. <i>Bioorganic and Medicinal Chemistry</i> , 2005 , 13, 6212-7	3.4	110
79	Docking studies on monoamine oxidase-B inhibitors: estimation of inhibition constants (K(i)) of a series of experimentally tested compounds. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005 , 15, 4438-46 ⁹	2.9	45
78	Novel multifunctional neuroprotective iron chelator-monoamine oxidase inhibitor drugs for neurodegenerative diseases: in vitro studies on antioxidant activity, prevention of lipid peroxide formation and monoamine oxidase inhibition. <i>Journal of Neurochemistry</i> , 2005 , 95, 68-78	6	177
77	Synthesis of novel N-substituted imidazolecarboxylic acid hydrazides as monoamine oxidase inhibitors. <i>Il Farmaco</i> , 2005 , 60, 237-40		5
76	Demonstration of isoleucine 199 as a structural determinant for the selective inhibition of human monoamine oxidase B by specific reversible inhibitors. <i>Journal of Biological Chemistry</i> , 2005 , 280, 15761-8 ⁴	5.4	163
75	Binding of rasagiline-related inhibitors to human monoamine oxidases: a kinetic and crystallographic analysis. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 8148-54	8.3	84
74	Clinical pharmacology of rasagiline: a novel, second-generation propargylamine for the treatment of Parkinson disease. <i>Journal of Clinical Pharmacology</i> , 2005 , 45, 878-94	2.9	113
73	A mechanism-based inactivator for histone demethylase LSD1. <i>Journal of the American Chemical Society</i> , 2006 , 128, 4536-7	16.4	131
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68	The therapeutic potential of monoamine oxidase inhibitors. <i>Nature Reviews Neuroscience</i> , 2006 , 7, 295-309 ⁵	3.5	988
67	Mechanistic analysis of a suicide inactivator of histone demethylase LSD1. <i>Biochemistry</i> , 2007 , 46, 6892-902	3.2	79
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65	Human and rat monoamine oxidase-A are differentially inhibited by (S)-4-alkylthioamphetamine derivatives: insights from molecular modeling studies. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 5198-206	3.4	20
64	Hydrodynamically coupled water in surface adsorbed amino acids as a tool to study hydrated peptides. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2007 , 1774, 138-45	4	8
63	Kinetic properties of recombinant MAO-A on incorporation into phospholipid nanodisks. <i>Journal of Neural Transmission</i> , 2007 , 114, 699-702	4.3	21
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60	Knowledge based identification of MAO-B selective inhibitors using pharmacophore and structure based virtual screening models. <i>European Journal of Medicinal Chemistry</i> , 2009 , 44, 3584-90	6.8	30
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57	Electropharmacograms of rasagiline, its metabolite aminoindan and selegiline in the freely moving rat. <i>Neuropsychobiology</i> , 2010 , 62, 213-20	4	9
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36	Reversible and irreversible small molecule inhibitors of monoamine oxidase B (MAO-B) investigated by biophysical techniques. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 770-8	3.4	24
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32	Design, synthesis and evaluation of novel dual monoamine-cholinesterase inhibitors as potential treatment for Alzheimer's disease. <i>Neuropharmacology</i> , 2016 , 109, 376-385	5.5	22
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