

Kinetics of Human Serum Butyrylcholinesterase Inhibition by the Alzheimer Therapeutic, Dihydrobenzodioxepine Cymserone

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Tetrahydrofurobenzofuran cymserine, a potent butyrylcholinesterase inhibitor and experimental Alzheimer drug candidate, enzyme kinetic analysis. <i>Journal of Neural Transmission</i> , 2008, 115, 889-898.	1.4	57
2	Inhibition of acetylcholinesterase by coumarins: The case of coumarin 106. <i>Pharmacological Research</i> , 2008, 58, 215-221.	3.1	66
3	Synthesis, Structure, and Cholinergic Effect of Novel Neuroprotective Compounds Bearing the Tacrine Pharmacophore. <i>Heterocycles</i> , 2008, 76, 1219.	0.4	20
4	Anti-Inflammatory Properties of Acetylcholinesterase Inhibitors Administred in Alzheimers Disease. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2009, 8, 85-100.	1.1	10
5	Novel piperazine derivative PMS1339 exhibits tri-functional properties and cognitive improvement in mice. <i>International Journal of Neuropsychopharmacology</i> , 2009, 12, 1409.	1.0	18
6	Targeting BuChE-inflammatory Pathway by SK0506 to Manage Type 2 Diabetes and Alzheimer Disease. <i>Neurochemical Research</i> , 2009, 34, 2163-2169.	1.6	20
7	Two-dimensional turbulent flow chromatography coupled on-line to liquid chromatographyâ€“mass spectrometry for solution-based ligand screening against multiple proteins. <i>Journal of Chromatography A</i> , 2009, 1216, 2394-2403.	1.8	28
8	Smoking, nicotine and neuropsychiatric disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 34, 295-342.	2.9	188
9	Multiple Approaches to Analyse the Data for Rat Brain Acetylcholinesterase Inhibition by Cyclophosphamide. <i>Neurochemical Research</i> , 2010, 35, 1501-1509.	1.6	8
10	Estimation of BTEX in groundwater by using gas chromatographyâ€“mass spectrometry. <i>Saudi Journal of Biological Sciences</i> , 2010, 17, 205-208.	1.8	13
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12	Novel alkyl- and arylcarbamate derivatives with N-benzylpiperidine and N-benzylpiperazine moieties as cholinesterases inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 5602-5611.	2.6	21
13	Determination of sugars in honey by liquid chromatography. <i>Saudi Journal of Biological Sciences</i> , 2011, 18, 17-21.	1.8	74
14	Anticholinesterase potential of flavonols from paper mulberry (<i>Broussonetia papyrifera</i>) and their kinetic studies. <i>Food Chemistry</i> , 2012, 132, 1244-1250.	4.2	61
15	Cholinestrse inhibitory effects of geranylated flavonoids from <i>Paulownia tomentosa</i> fruits. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 2595-2602.	1.4	55
16	Extracts from <i>Quercus</i> sp. acorns exhibit in vitro neuroprotective features through inhibition of cholinesterase and protection of the human dopaminergic cell line SH-SY5Y from hydrogen peroxide-induced cytotoxicity. <i>Industrial Crops and Products</i> , 2013, 45, 114-120.	2.5	32
17	Design, synthesis, biological evaluation and docking study of 5-oxo-4,5-dihydropyrano[3,2-c]chromene derivatives as acetylcholinesterase and butyrylcholinesterase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2013, 68, 260-269.	2.6	91
18	Novel coumarin-3-carboxamides bearing N-benzylpiperidine moiety as potent acetylcholinesterase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2013, 70, 623-630.	2.6	106

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20	Alkaloids and Drug Discovery for Neurodegenerative Diseases. , 2013, , 1331-1365.		5
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28	Design, synthesis and cholinesterase inhibitory evaluation study of fluorescent N-benzylpiperidine-4-one derivatives. <i>Medicinal Chemistry Research</i> , 2016, 25, 1705-1715.	1.1	5
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33	Novel conjugates of aminoadamantanes with carbazole derivatives as potential multitarget agents for AD treatment. <i>Scientific Reports</i> , 2017, 7, 45627.	1.6	54
34	Acetamide Derivatives of Chromenones as Potent Cholinesterase Inhibitors. <i>Archiv Der Pharmazie</i> , 2017, 350, 1700076.	2.1	4
35	Molecular docking studies of coumarin hybrids as potential acetylcholinesterase, butyrylcholinesterase, monoamine oxidase A/B and β -amyloid inhibitors for Alzheimer's disease. <i>Chemistry Central Journal</i> , 2018, 12, 128.	2.6	47
36	Synthesis, characterization, and SAR of arylated indenoquinoline-based cholinesterase and carbonic anhydrase inhibitors. <i>Archiv Der Pharmazie</i> , 2018, 351, e1800167.	2.1	27

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