

Evgeniy Rozengart

List of Publications by Year in descending order

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116
papers

240
citations

1464605

7
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1336881

12
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118
all docs

118
docs citations

118
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Substrateâ€™inhibitor specificity of cholinesterase and monoamine oxydase from optic ganglia of the pacific squid <i>Todarodes pacificus</i> and commander squid <i>Beryteuthis magister</i> . <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2017, 53, 111-122.	0.2	0
2	Activities of Tetramethylene-Bis-Onium Reversible Cholinesterase Inhibitors as Influenced by the Nature of the Onium Atom. <i>Pharmaceutical Chemistry Journal</i> , 2016, 50, 509-512.	0.3	0
3	Tetramethonium derivatives as reversible inhibitors of various cholinesterases. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2016, 52, 346-351.	0.2	0
4	Comparative sensitivity of cholinesterases in vertebrates and invertebrates to highly specific organophosphorus inhibitors, diisopropyl fluorophosphate (DFP) and (2-ethoxymethyl phosphoryl) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 and <i>Physiology</i> , 2015, 51, 471-479.	0.2	1
5	Transferase activity of horse blood serum cholinesterase at hydrolysis of 1-methyl-8-acetoxycholinium iodide in the presence of aliphatic alcohols. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2014, 50, 20-26.	0.2	0
6	Inhibitory effect of benzimidazole derivatives on cholinesterases of animals in the presence of different substrates. <i>Ukrainian Biochemical Journal</i> , 2014, 86, 47-55.	0.1	1
7	Ligands of cholinesterases of ephedrine and pseudoephedrine structure. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2013, 49, 541-550.	0.2	0
8	How aliphatic alcohols and pH affect reactivity of horse blood serum cholinesterase at its interaction with organophosphorus inhibitors. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2013, 49, 481-488.	0.2	1
9	Research on cholinesterases in the Soviet Union and Russia: A historical perspective. <i>Chemico-Biological Interactions</i> , 2013, 203, 3-9.	1.7	10
10	Lupinine and epilupinine derivatives as substrates of Mammalian cholinesterases. <i>Pharmaceutical Chemistry Journal</i> , 2012, 46, 546-548.	0.3	1
11	Reversible lupinin inhibitors of cholinesterases of mammalian blood and of optical ganglia of individuals of the Commander squid <i>Beryteuthis magister</i> from different zones of species areal. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2012, 48, 257-264.	0.2	2
12	From metabolism to comparative biochemistry of toxic organophosphorus compounds. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2012, 48, 1-6.	0.2	1
13	Derivatives of lupinin and epilupinin as ligands of various cholinesterases. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2012, 48, 7-17.	0.2	0
14	Different reactivities of animal acetylcholinesterases. <i>Neurochemical Journal</i> , 2012, 6, 17-21.	0.2	2
15	Organosilicon reversible inhibitors of cholinesterases of different animals. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2011, 47, 131-139.	0.2	1
16	Quaternary phosphonium reversible inhibitors of cholinesterases of different animals. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2011, 47, 420-427.	0.2	0
17	Activatory effect of substrates on the cholinesterase catalysis. <i>Doklady Biochemistry and Biophysics</i> , 2010, 430, 7-10.	0.3	1
18	Oligodimethylsiloxane reversible inhibitors of cholinesterases of some vertebrate and invertebrate animals. <i>Doklady Biochemistry and Biophysics</i> , 2010, 433, 197-200.	0.3	0

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19	Phosphonium reversible inhibitors of cholinesterases of different animals. Doklady Biochemistry and Biophysics, 2010, 434, 245-249.	0.3	2
20	Comparative-enzymological study of cholinesterase of the Pacific squid <i>Todarodes pacificus</i> . Journal of Evolutionary Biochemistry and Physiology, 2010, 46, 1-18.	0.2	3
21	Comparative-enzymological study of cholinesterases from optic ganglia of the Commander squid <i>Beryteuthis magister</i> individuals inhabiting different zones of the species area. Journal of Evolutionary Biochemistry and Physiology, 2010, 46, 429-441.	0.2	3
22	How various substrates activate the process of enzymatic hydrolysis by different cholinesterases. Journal of Evolutionary Biochemistry and Physiology, 2010, 46, 580-584.	0.2	0
23	Specificity of action of piperidylcholine derivatives as substrates of cholinesterases of various origin. Journal of Evolutionary Biochemistry and Physiology, 2009, 45, 27-36.	0.2	1
24	Identical reactivity of brain and erythrocyte cholinesterases of some mammals. Journal of Evolutionary Biochemistry and Physiology, 2009, 45, 211-220.	0.2	0
25	Comparative analysis of sensitivity of proteases (chymotrypsin and trypsin) and cholinesterases of different origin to some organophosphorus inhibitors. Journal of Evolutionary Biochemistry and Physiology, 2009, 45, 340-348.	0.2	0
26	Comparative-enzymologic study of phosphatase activity of Pacific hydrobionts. Journal of Evolutionary Biochemistry and Physiology, 2009, 45, 455-467.	0.2	0
27	Acid phosphatase activity in different tissues of hydrobionts in the Pacific Ocean basin. Doklady Biochemistry and Biophysics, 2009, 424, 8-12.	0.3	2
28	Substrate-inhibitor specificity of acid phosphatase in gonads and optical ganglia of some Pacific squids. Doklady Biochemistry and Biophysics, 2009, 424, 38-41.	0.3	0
29	Alkaline phosphatase from tissues of some Pacific squids. Doklady Biochemistry and Biophysics, 2009, 425, 65-67.	0.3	1
30	Substrate specificity of the cholinesterase of the pacific squid <i>Todarodes pacificus</i> . Doklady Biochemistry and Biophysics, 2009, 426, 134-138.	0.3	1
31	A comparative study of interaction of reversible onium inhibitors with cholinesterases of the Pacific squid <i>Todarodes pacificus</i> and some other vertebrates. Doklady Biochemistry and Biophysics, 2009, 426, 152-157.	0.3	1
32	Substrate specificity of cholinesterase of the commander squid <i>Beryteuthis magister</i> . Doklady Biochemistry and Biophysics, 2009, 427, 182-186.	0.3	1
33	The sensitivity of the cholinesterase of the commander squid <i>Beryteuthis magister</i> to organophosphorus inhibitors of different structure. Doklady Biochemistry and Biophysics, 2009, 427, 206-211.	0.3	0
34	Interaction of cholinesterase from the visual ganglia of the commander squid <i>Beryteuthis magister</i> from different areas of the range with reversible inhibitors. Doklady Biochemistry and Biophysics, 2009, 428, 277-283.	0.3	1
35	Mechanism of unproductive binding of cholinesterase substrates. Doklady Biochemistry and Biophysics, 2009, 429, 315-319.	0.3	0
36	Cholinesterase hydrolysis of substituted lupinine benzoates. Doklady Biochemistry and Biophysics, 2008, 419, 69-71.	0.3	0

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37	A comparative study of antichymotryptic and anticholinesterase activity of organophosphorus quasi-substrate inhibitors. Doklady Biochemistry and Biophysics, 2008, 419, 82-87.	0.3	0
38	Specificity of cholinesterase hydrolysis of piperidylcholine and its derivatives. Doklady Biochemistry and Biophysics, 2008, 421, 218-223.	0.3	1
39	Reversible anticholinesterase effect of ammonium compounds with localized and delocalized charge: The influence of enzyme nature and substrate structure. Doklady Biochemistry and Biophysics, 2008, 422, 251-256.	0.3	1
40	Comparative analysis of sensitivity of cholinesterases of different origin to bis-onium reversible inhibitors. Journal of Evolutionary Biochemistry and Physiology, 2008, 44, 414-429.	0.2	0
41	How thionphosphonates inhibit activity of different cholinesterases. Journal of Evolutionary Biochemistry and Physiology, 2007, 43, 164-173.	0.2	0
42	Comparative analysis of sensitivity of cholinesterases of different origin to monoonium reversible inhibitors. Journal of Evolutionary Biochemistry and Physiology, 2007, 43, 265-286.	0.2	1
43	Analysis of the effect of the polyprenol preparation ropren and the choline alphoscerate preparation gliatilin on the membrane-bound and soluble forms of cholinesterases and monoamine oxidase of rat brain and serum in the tetrachloromethane model system of hepatic encephalopathy. Doklady Biochemistry and Biophysics, 2007, 412, 33-36.	0.3	1
44	The effect of the structure of the nitrogen-containing heterocycle on reversible anticholinesterase effect of heterocyclic thionephosphonates of different hydrophobicity. Doklady Biochemistry and Biophysics, 2007, 412, 40-42.	0.3	0
45	Sensitivity of cholinesterase of the Pacific squid <i>Todarodes pacificus</i> to organophosphorus inhibitors of various structure. Doklady Biochemistry and Biophysics, 2007, 414, 95-98.	0.3	4
46	The specificity of thio substrates of cholinesterases of various origin. Doklady Biochemistry and Biophysics, 2007, 414, 159-164.	0.3	1
47	Thioacylates of cyclic ammonium derivatives of acetylcholine as cholinesterase substrates and inhibitors. Doklady Biochemistry and Biophysics, 2007, 415, 186-190.	0.3	1
48	Enzymological characteristic of the cholinesterase from the caudate nucleus of the Ladoga seal (<i>Phoca hispida ladogensis</i>) brain. Doklady Biochemistry and Biophysics, 2007, 416, 260-263.	0.3	0
49	Mammalian brain and erythrocyte cholinesterases exhibit equal sensitivity to some organophosphorus inhibitors. Doklady Biochemistry and Biophysics, 2007, 417, 352-356.	0.3	0
50	Anabasine derivatives as reversible and irreversible inhibitors of cholinesterases from different animals. Journal of Evolutionary Biochemistry and Physiology, 2006, 42, 11-20.	0.2	4
51	Alkylammonium chlorobenzoates are a new group of ester-containing reversible inhibitors of cholinesterases of different animals. Journal of Evolutionary Biochemistry and Physiology, 2006, 42, 148-154.	0.2	1
52	Investigation of cholinesterases of different origin by the method of inhibitor analysis (variation of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 and Physiology, 2006, 42, 365-375.	0.2	1
53	Comparative study of cholinergic activity of some tropolone and isoquinoline alkaloids. Journal of Evolutionary Biochemistry and Physiology, 2006, 42, 408-416.	0.2	2
54	Study of cholinesterases of different origin by the method of inhibitor analysis (variation of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td Biochemistry and Physiology, 2006, 42, 515-535.	0.2	0

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55	Sulfonium effectors of cholinesterases of different origin (comparison with ammonium analogs and) Tj ETQq1 1 0.784314 rgBT /Over	0.2	0
56	Cholinergic activity of isoquinoline alkaloids from the showy autumn crocus (<i>Colchicum speciosum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.3	3
57	Effect of aliphatic alcohols and pH on different types of serum cholinesterase reactivity. Doklady Biochemistry and Biophysics, 2006, 407, 77-82.	0.3	1
58	A comparative study of the effect of the polyprenol preparation ropren from coniferous plants on the key enzymes of the cholinergic and monoaminergic types of nervous transmission. Doklady Biochemistry and Biophysics, 2006, 408, 148-151.	0.3	6
59	Sulfonium and ammonium ligands of the active site of cholinesterases. Doklady Biochemistry and Biophysics, 2006, 408, 192-195.	0.3	0
60	The effect of ionic strength on the reversible inhibition of acetylcholinesterase under the influence of thionephosphonates of different hydrophobicity. Doklady Biochemistry and Biophysics, 2006, 410, 280-282.	0.3	2
61	Study of the mechanism of reversible inhibition of various cholinesterases by thionephosphonates on the basis of data on comparative inhibitory specificity. Doklady Biochemistry and Biophysics, 2006, 411, 331-335.	0.3	1
62	Inhibitor Analysis of Cholinesterases of Different Origin (Variation of Structure of Leaving Group of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.2	0
63	Comparative Study of Reversible Organofluorine Ammonium Inhibitors of Cholinesterases of Different Animals. Journal of Evolutionary Biochemistry and Physiology, 2005, 41, 511-517.	0.2	0
64	Comparative Enzymology of Cholinesterases Underlies the Biochemical Method of Squid Taxonomy. Journal of Evolutionary Biochemistry and Physiology, 2005, 41, 610-622.	0.2	1
65	Differences in substrate and inhibitor specificity of cholinesterase activity of optical ganglia of the squid <i>Ommastrephes bartrami</i> (Les) as a characteristic of isolation of populations from different areas of a disjunctive home range. Doklady Biochemistry and Biophysics, 2005, 400, 56-60.	0.3	2
66	Study of biochemical mechanism of action and toxic properties of a zinc-containing derivative of chlorophyll. Doklady Biochemistry and Biophysics, 2005, 401, 142-144.	0.3	0
67	Application of High-Order Derivative Spectrophotometry for Studying the Interaction of Calcium Ions with Various Anticoccidial Aminoguanidine Derivatives. Doklady Biochemistry and Biophysics, 2005, 402, 214-219.	0.3	5
68	Alkylammonium Derivatives of Chlorobenzoic Acids: A New Group of Reversible Ester Bond-Containing Inhibitors of Cholinesterases of Different Animals. Doklady Biochemistry and Biophysics, 2005, 402, 226-229.	0.3	0
69	A Comparative Study of the Effect of Iodine-Containing Extract of <i>Laminaria</i> (<i>Laminaria saccharina</i>) and Zinc-Containing Derivative of Chlorophyll on the Key Enzymes of the Cholinergic and Monoaminergic Nervous Systems. Doklady Biochemistry and Biophysics, 2005, 402, 248-250.	0.3	0
70	Inhibition of Cholinesterases of Various Origin by Anabasine Derivatives. Doklady Biochemistry and Biophysics, 2005, 403, 261-265.	0.3	0
71	Element-Onium Silatran Derivatives As Reversible Inhibitors of Cholinesterases of Various Origin. Doklady Biochemistry and Biophysics, 2005, 405, 400-405.	0.3	1
72	Anticholinesterase Efficiency of Some Tropolone Alkaloids and Their Lumiderivatives. Doklady Biochemistry and Biophysics, 2005, 405, 410-413.	0.3	1

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73	Conformational Characteristics of the Structure of Acetylcholine Amide Derivatives and the Specificity of Their Action As Reversible Inhibitors of Cholinesterases of Different Animals. Doklady Biochemistry and Biophysics, 2005, 405, 450-453.	0.3	0
74	A Comparative Study of Sulfonium Reversible Inhibitors of Cholinesterases of Various Animals. Doklady Biochemistry and Biophysics, 2004, 395, 61-64.	0.3	2
75	Elementorganic Bisonium Reversible Inhibitors of Different Cholinesterases. Doklady Biochemistry and Biophysics, 2004, 395, 99-103.	0.3	0
76	Study of Molecular-Biochemical Mechanism of Action of Iodine-Containing Extract from Laminaria (Laminaria saccharina). Doklady Biochemistry and Biophysics, 2004, 396, 193-196.	0.3	0
77	Degree of Homogeneity of Cholinesterase Activity of Nervous Tissue of Squids as a Taxonomic Trait. Doklady Biochemistry and Biophysics, 2004, 397, 220-223.	0.3	3
78	The Use of Reversible Inhibitors of Cholinesterases for Identification of Intraspecific Groups of the Comandor Squid <i>Beryteuthis magister</i> from Different Zones of the Northwestern Area of the Pacific Ocean. Doklady Biochemistry and Biophysics, 2004, 398, 278-281.	0.3	1
79	Comparative Sensitivity of Cholinesterases of Different Origin to Some Irreversible Inhibitors. Journal of Evolutionary Biochemistry and Physiology, 2004, 40, 1-17.	0.2	2
80	Comparative Study of Substrateâ€“Inhibitor Specificity of Brain Cholinesterase Activity of Pacific Salmon Fish of the Salmonidae Family. Journal of Evolutionary Biochemistry and Physiology, 2004, 40, 258-263.	0.2	1
81	Use of Bis-Alkaloid Derivatives of Dicarboxylic Acids on the Basis of Lupinine, Anabasine and Cytisine as Reversible Inhibitors of Cholinesterases of Different Origin. Journal of Evolutionary Biochemistry and Physiology, 2004, 40, 384-391.	0.2	1
82	Different sensitivity of squid cholinesterases to irreversible organophosphorous inhibitors may be used as a species-specific character in cephalopod taxonomy. Doklady Biochemistry and Biophysics, 2004, 399, 347-350.	0.3	1
83	Differences in substrate specificity of the cholinesterase activity of nervous tissue of squids may be used in taxonomy. Doklady Biochemistry and Biophysics, 2004, 399, 358-361.	0.3	0
84	Spectrophotometric study of specific features of the interaction between Ca ²⁺ and anticoccidial benzylidenaminoguanidine derivatives containing an electron-donor or electron-acceptor substituent. Doklady Biochemistry and Biophysics, 2004, 399, 376-379.	0.3	3
85	The cholinesterase activity of the brain of northern Pacific flatfish of different species and genera of the family Pleuronectidae: substrate specificity. Doklady Biochemistry and Biophysics, 2003, 391, 215-217.	0.3	0
86	The substrate specificity of the cholinesterase activity of the brain of the sea Pacific herring (<i>Cluippea</i>) Tj ETQq0 0 0 rgBT /Ovrlock 10 T	0.3	0
87	The study of cholinesterase activity of the liver of some fish of Caspian Sea. Doklady Biochemistry and Biophysics, 2003, 392, 271-273.	0.3	0
88	Title is missing!. Journal of Evolutionary Biochemistry and Physiology, 2003, 39, 306-313.	0.2	4
89	The Characteristics of the Interaction of Ca ²⁺ with Anticoccidial Bis(chlorobenzylideneamino)guanidine Derivatives in Dependence on the Position of the Chlorine Atom, Determined by Derived Spectrophotometry. Doklady Biochemistry and Biophysics, 2003, 393, 315-320.	0.3	3
90	Guanidine Derivatives: Conformation, Capability for Chelation, Study as Reversible Inhibitors of Cholinesterases of Different Origin. Journal of Evolutionary Biochemistry and Physiology, 2003, 39, 393-404.	0.2	2

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91	Non-Productive Binding of Substrates as One of Aspects of Substrate Specificity of Cholinesterases of Different Origin. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2003, 39, 511-518.	0.2	1
92	Indophenol Chromogenic Substrates of Cholinesterases of Different Origin. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2002, 38, 16-23.	0.2	4
93	On Mechanism of Interaction of Organophosphorus Inhibitors with Cholinesterases of Different Origin. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2002, 38, 270-277.	0.2	1
94	Title is missing!. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2002, 38, 401-406.	0.2	6
95	Title is missing!. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2001, 37, 469-491.	0.2	5
96	Title is missing!. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2001, 37, 604-610.	0.2	10
97	Alterations in substrate-inhibitor specificity of cholinesterase from the pseudotuberculosic microorganism <i>Yersenia pseudotuberculosis</i> as an index of temperature adaptation. <i>Doklady Biochemistry and Biophysics</i> , 2001, 378, 153-155.	0.3	0
98	Title is missing!. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2001, 37, 219-224.	0.2	5
99	Effect of the substrate structure on the mechanism of reversible inhibition of cholinesterases of different origin. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2000, 36, 390-397.	0.2	0
100	Species-specific differences in the substrate-inhibitory specificity of cholinesterases from optical ganglia of squids of the Gonatidae family. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2000, 36, 249-253.	0.2	2
101	Kinetic analysis of the "substrate protective effect" in cholinesterases of different origin. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2000, 36, 130-137.	0.2	6
102	Mechanism of biological activity of the anticoccidial drug chimcoccid. Influence of chimcoccid and its derivatives on respiration of rat liver mitochondria in vitro. <i>Pharmaceutical Chemistry Journal</i> , 1996, 30, 293-294.	0.3	0
103	Bislupinine derivatives as reversible inhibitors of cholinesterases. <i>Pharmaceutical Chemistry Journal</i> , 1996, 30, 510-512.	0.3	1
104	Mechanism of the action of cholinergically active thione organophosphorus compounds. Conformational aspects and influence of ionic strength. <i>Pharmaceutical Chemistry Journal</i> , 1994, 28, 707-710.	0.3	1
105	Determination of Productive Conformation of Acetylcholinesterase Substrates Using Molecular Mechanics. <i>QSAR and Combinatorial Science</i> , 1991, 10, 205-210.	1.4	13
106	Cholinergic effectiveness of anabasine derivatives. <i>Pharmaceutical Chemistry Journal</i> , 1990, 24, 497-500.	0.3	3
107	Silatranes as reversible inhibitors of cholinesterase. <i>Pharmaceutical Chemistry Journal</i> , 1989, 23, 130-132.	0.3	1
108	Iodomethylates of γ -(N-morpholino- and N-pipecolino) ethyl esters of carboxylic acids as substrates of cholinesterase. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1983, 32, 2227-2231.	0.0	2

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109	Quaternary ammonium salts of dimethylaminoalkyl 2-chloro- and 2,4-dichlorobenzoates and their reaction with cholinesterases. <i>Pharmaceutical Chemistry Journal</i> , 1983, 17, 546-549.	0.3	0
110	Carboxylic Acid Esters as Substrates of Cholinesterases. <i>Russian Chemical Reviews</i> , 1983, 52, 931-943.	2.5	11
111	Hydrophobic Regions on the Active Surface of Choline-esterases. <i>Russian Chemical Reviews</i> , 1970, 39, 485-497.	2.5	17
112	Analytical method for the estimation of enzyme kinetic parameters. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1969, 191, 155-157.	1.4	4
113	Anticholinesterase properties of O-ethyl S-(?-phenylalkyl)methylthiophosphonates. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1968, 17, 2167-2169.	0.0	0
114	Cholinesterase of Squid Optical Ganglia. <i>FEBS Journal</i> , 1968, 6, 55-59.	0.2	20
115	Cholinesterase Catalysis. <i>Nature</i> , 1965, 205, 388-389.	13.7	24
116	Anticholinesterase properties of certain o-ethyl-s-alkylmethylthiophosphinates Communication 2. Kinetics of the inhibition of cholinesterase and acetylcholinesterase by O-ethyl-S-n-alkylmethylthiophosphinates. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1965, 14, 1335-1339.	0.0	2