

CITATION REPORT

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Reversible mechanisms of enzyme inhibition and resulting clinical significance

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Methods in Molecular Biology, 2014, 1113, 37-56.

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21	Protonation and Sulfido versus Oxo Ligation Changes at the Molybdenum Cofactor in Xanthine Dehydrogenase (XDH) Variants Studied by X-ray Absorption Spectroscopy. <i>Inorganic Chemistry</i> , 2017 , 56, 2165-2176	5.1	7
20	Trehalose-6-Phosphate as a Potential Lead Candidate for the Development of Tps1 Inhibitors: Insights from the Trehalose Biosynthesis Pathway in Diverse Yeast Species. <i>Applied Biochemistry and Biotechnology</i> , 2017 , 181, 914-924	3.2	13
19	Targeting Tyrosine Phosphatases: Time to End the Stigma. <i>Trends in Pharmacological Sciences</i> , 2017 , 38, 524-540	13.2	86
18	Synthesis, evaluation and molecular modelling studies of 2-(carbazol-3-yl)-2-oxoacetamide analogues as a new class of potential pancreatic lipase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 609-620	3.4	25
17	Oroxilin A, a methylated metabolite of baicalein, exhibits a stronger inhibitory effect than baicalein on the CYP1B1-mediated carcinogenic estradiol metabolite formation. <i>Phytotherapy Research</i> , 2019 , 33, 1033-1043	6.7	5
16	Design, synthesis, biological evaluation and molecular modelling studies of indole glyoxylamides as a new class of potential pancreatic lipase inhibitors. <i>Bioorganic Chemistry</i> , 2019 , 85, 373-381	5.1	13
15	Design, synthesis, evaluation, and molecular modeling studies of indolyl oxoacetamides as potential pancreatic lipase inhibitors. <i>Archiv Der Pharmazie</i> , 2020 , 353, e2000048	4.3	3
14	Mechanistic analysis of actin-binding compounds that affect the kinetics of cardiac myosin-actin interaction. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100471	5.4	2
13	Discovery of Orally Bioavailable Purine-Based Inhibitors of the Low-Molecular-Weight Protein Tyrosine Phosphatase. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 5645-5653	8.3	1
12	Cholic acid: a novel steroidal uncompetitive inhibitor against β -lactamase produced by multidrug-resistant isolates. <i>World Journal of Microbiology and Biotechnology</i> , 2021 , 37, 152	4.4	
11	Characterization of VU0468554, a New Selective Inhibitor of Cardiac G Protein-Gated Inwardly Rectifying K Channels. <i>Molecular Pharmacology</i> , 2021 , 100, 540-547	4.3	
10	Molecular mechanisms of inhibiting glucosyltransferases for biofilm formation in <i>Streptococcus mutans</i> . <i>International Journal of Oral Science</i> , 2021 , 13, 30	27.9	4
9	Cytochrome P450 enzymes: a review on drug metabolizing enzyme inhibition studies in drug discovery and development. <i>Bioanalysis</i> , 2021 ,	2.1	4
8	Mechanistic enzymology in drug discovery: a fresh perspective. <i>Nature Reviews Drug Discovery</i> , 2018 , 17, 115-132	64.1	70
7	Actin-binding compounds that affect the kinetics of the interaction of cardiac myosin with actin.		
6	Enzyme kinetics, molecular docking, and in silico characterization of canary seed (<i>Phalaris canariensis</i> L.) peptides with ACE and pancreatic lipase inhibitory activity. <i>Journal of Functional Foods</i> , 2022 , 88, 104892	5.1	3
5	Inhibition of Cytochrome P450s by <i>Strobilanthes crispus</i> Sub-Fraction (F3): Implication for Herb-Drug Interaction.. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2022 , 1	2.7	

4 Therapeutic Inhibitors: Natural Product Options through Computer-Aided Drug Design.

3 The discovery of a non-competitive GOT1 inhibitor, hydralazine hydrochloride, via a coupling reaction-based high-throughput screening assay. *Bioorganic and Medicinal Chemistry Letters*, **2022**, 73, 128883 2.9

2 Herb-Drug Interactions: Fundamental Mechanisms, Prevalence and Challenges in Their Identification. **2022**, 51-75 ○

1 Biochemical characterization and identification of ferulenol and embelin as potent inhibitors of malate:quinone oxidoreductase from *Campylobacter jejuni*. 10, ○