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Absence of clinically important HERG channel blockade by three compounds that inhibit phosphodiesterase 5--sildenafil, tadalafil, and vardenafil

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European Journal of Pharmacology, 2004, 502, 163-7.

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#	Paper	IF	Citations
27	A three-part study to investigate the incidence and potential etiologies of tadalafil-associated back pain or myalgia. <i>International Journal of Impotence Research</i> , 2005 , 17, 455-61	2.3	12
26	The therapeutic dilemma: how to use tadalafil. <i>Journal of Developmental and Physical Disabilities</i> , 2005 , 28 Suppl 2, 74-80		36
25	The combined use of ibutilide as an active control with intensive electrocardiographic sampling and signal averaging as a sensitive method to assess the effects of tadalafil on the human QT interval. <i>Journal of the American College of Cardiology</i> , 2005 , 46, 678-87	15.1	27
24	Cardiovascular safety of sildenafil citrate (Viagra): an updated perspective. <i>Urology</i> , 2006 , 68, 47-60	1.6	55
23	A QSAR model of HERG binding using a large, diverse, and internally consistent training set. <i>Chemical Biology and Drug Design</i> , 2006 , 67, 284-96	2.9	65
22	Do vardenafil and tadalafil have advantages over sildenafil in the treatment of erectile dysfunction?. <i>International Journal of Impotence Research</i> , 2007 , 19, 281-95	2.3	33
21	Effects of phosphodiesterase (PDE) inhibitors on human ether-a-go-go related gene (hERG) channel activity. <i>Journal of Applied Toxicology</i> , 2007 , 27, 78-85	4.1	7
20	Identification of "toxicophoric" features for predicting drug-induced QT interval prolongation. <i>European Journal of Medicinal Chemistry</i> , 2008 , 43, 2479-88	6.8	13
19	Cardiac sodium channels and inherited electrophysiologic disorders: a pharmacogenetic overview. <i>Expert Opinion on Pharmacotherapy</i> , 2008 , 9, 537-49	4	12
18	Collation, assessment and analysis of literature in vitro data on hERG receptor blocking potency for subsequent modeling of drugs' cardiotoxic properties. <i>Journal of Applied Toxicology</i> , 2009 , 29, 183-206	4.1	77
17	Quantitative structure-activity relationship models for predicting biological properties, developed by combining structure- and ligand-based approaches: an application to the human ether-a-go-go-related gene potassium channel inhibition. <i>Chemical Biology and Drug Design</i> , 2009 , 74, 416-33	2.9	6
16	The use of beat-to-beat electrocardiogram analysis to distinguish QT/QTc interval changes caused by moxifloxacin from those caused by vardenafil. <i>Clinical Pharmacology and Therapeutics</i> , 2011 , 90, 449-54	6.1	11
15	Phosphodiesterase inhibitors, congestive heart failure, and sudden death: time for re-evaluation. <i>Congestive Heart Failure</i> , 2012 , 18, 229-33		13
14	Does your model weigh the same as a duck?. <i>Journal of Computer-Aided Molecular Design</i> , 2012 , 26, 57-67	4.2	20
13	Predicting the potency of hERG K ⁺ channel inhibition by combining 3D-QSAR pharmacophore and 2D-QSAR models. <i>Journal of Molecular Modeling</i> , 2012 , 18, 1023-36	2	22
12	Combining structure- and ligand-based approaches for studies of interactions between different conformations of the hERG K ⁺ channel pore and known ligands. <i>Journal of Molecular Graphics and Modelling</i> , 2013 , 46, 93-104	2.8	14
11	Computational investigations of hERG channel blockers: New insights and current predictive models. <i>Advanced Drug Delivery Reviews</i> , 2015 , 86, 72-82	18.5	53

10	Investigation of PDE5/PDE6 and PDE5/PDE11 selective potent tadalafil-like PDE5 inhibitors using combination of molecular modeling approaches, molecular fingerprint-based virtual screening protocols and structure-based pharmacophore development. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017 , 32, 311-330	5.6	20
9	In silico design of novel hERG-neutral sildenafil-like PDE5 inhibitors. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017 , 35, 2830-2852	3.6	1
8	Computational Approaches in the Development of Phosphodiesterase Inhibitors. 2017 ,		
7	Long-term effect of sildenafil on echocardiographic parameters in dogs with asymptomatic myxomatous mitral valve degeneration. <i>Journal of Veterinary Medical Science</i> , 2017 , 79, 788-794	1.1	4
6	Phosphodiesterase-5 inhibitors and the heart: compound cardioprotection?. <i>Heart</i> , 2018 , 104, 1244-1250	5.1	43
5	Apelin shorten QT interval by inhibiting Kir2.1/I via a PI3K way in acute myocardial infarction. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 517, 272-277	3.4	3
4	Various subtypes of phosphodiesterase inhibitors differentially regulate pulmonary vein and sinoatrial node electrical activities. <i>Experimental and Therapeutic Medicine</i> , 2020 , 19, 2773-2782	2.1	1
3	Cardiomyocytes Derived from Human Induced Pluripotent Stem Cells: An In-Vitro Model to Predict Cardiac Effects of Drugs. <i>Journal of Biomedical Science and Engineering</i> , 2017 , 10, 527-549	0.7	3
2	In silico Analysis on hERG Channel Blocking Effect of a Series of T-type Calcium Channel Blockers. <i>Bulletin of the Korean Chemical Society</i> , 2011 , 32, 251-262	1.2	
1	Combination of Sildenafil and Ba at a Low Concentration Show a Significant Synergistic Inhibition of Inward Rectifier Potassium Current Resulting in Action Potential Prolongation.. <i>Frontiers in Pharmacology</i> , 2022 , 13, 829952	5.6	0