

# CITATION REPORT

List of articles citing

A facile and improved synthesis of sildenafil (Viagra) analogs through solid support microwave irradiation possessing tyrosinase inhibitory potential, their conformational analysis and molecular dynamics simulation studies

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Molecular Diversity, 2005, 9, 15-26.

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#	Paper	IF	Citations
26	Combinatorial Chemistry Online. <i>Combinatorial Chemistry</i> , <b>2005</b> , 7, 49-52		
25	A modified, economical and efficient synthesis of variably substituted pyrazolo[4,3-d]pyrimidin-7-ones. <i>Journal of Heterocyclic Chemistry</i> , <b>2005</b> , 42, 1085-1093	1.9	8
24	Tyrosinase inhibition: conformational analysis based studies on molecular dynamics calculations of bipiperidine based inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2005</b> , 20, 401-7	5.6	7
23	Tetraketones: a new class of tyrosinase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , <b>2006</b> , 14, 344-51	3.4	83
22	Oxazolones: new tyrosinase inhibitors; synthesis and their structure-activity relationships. <i>Bioorganic and Medicinal Chemistry</i> , <b>2006</b> , 14, 6027-33	3.4	79
21	Molecular design of tyrosinase inhibitors: A critical review of promising novel inhibitors from synthetic origins. <i>Pure and Applied Chemistry</i> , <b>2007</b> , 79, 2277-2295	2.1	70
20	Molecular Modeling of the Biologically Active Alkaloids. <i>Topics in Heterocyclic Chemistry</i> , <b>2007</b> , 75-97	0.2	1
19	An expeditious and environmentally friendly synthesis of 3-substituted isocoumarins using microwave irradiation. <i>Natural Product Research</i> , <b>2008</b> , 22, 1120-7	2.3	7
18	Insight into the phosphodiesterase mechanism from combined QM/MM free energy simulations. <i>FEBS Journal</i> , <b>2011</b> , 278, 2579-95	5.7	19
17	Novel tyrosinase inhibitors from natural resources - their computational studies. <i>Current Medicinal Chemistry</i> , <b>2012</b> , 19, 2262-72	4.3	62
16	Design, synthesis, and evaluation of (E)-N-substituted benzylidene-aniline derivatives as tyrosinase inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2012</b> , 57, 383-90	6.8	27
15	Synthesis of pyrazolo[4,3-e][1,2,4]triazine sulfonamides, novel Sildenafil analogs with tyrosinase inhibitory activity. <i>Bioorganic and Medicinal Chemistry</i> , <b>2014</b> , 22, 6616-6624	3.4	23
14	Evaluation of PET radioligands for in vivo visualization of phosphodiesterase 5 (PDE5). <i>Nuclear Medicine and Biology</i> , <b>2014</b> , 41, 155-62	2.1	14
13	Searching for indole derivatives as potential mushroom tyrosinase inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2016</b> , 31, 398-403	5.6	12
12	Microwave-assisted green approach toward the unexpected synthesis of pyrazole-4-carboxylates. <i>Journal of the Iranian Chemical Society</i> , <b>2016</b> , 13, 1405-1410	2	2
11	2-(4-Fluorophenyl)-quinazolin-4(3H)-one as a novel tyrosinase inhibitor: Synthesis, inhibitory activity, and mechanism. <i>Bioorganic and Medicinal Chemistry</i> , <b>2016</b> , 24, 4620-4625	3.4	28
10	Novel 4-[5-{4-[(2-Benzylidenehydrazine)Carbonyl]phenyl}-3-(Trifluoromethyl)-1H-Pyrazol-1-yl]Benzenesulfonamides: Synthesis, Crystal Structure, Anti-Inflammatory and Ulcerogenicity Studies. <i>Journal of Chemical Research</i> , <b>2016</b> , 40, 167-172	3	3

9	Overview of the synthetic routes to sildenafil and its analogues. <i>Synthetic Communications</i> , <b>2017</b> , 47, 1269-1300	1.7	5
8	Inhibitors of Melanogenesis: An Updated Review. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 7395-7418	8.3	113
7	A comprehensive review on tyrosinase inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2019</b> , 34, 279-309	5.6	331
6	Improved, gram-scale synthesis of sildenafil in water using acylacetic acid as the acyl source in the pyrazolo[4,3-d]pyrimidin-7-one ring formation. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 2643-2648	3.6	0
5	Chiral Pyrazolo[4,3-e][1,2,4]triazine Sulfonamides Their Biological Activity, Lipophilicity, Protein Affinity, and Metabolic Transformations. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 2660	2.6	0
4	Tyrosinase Inhibitory Activity of S-Naproxen Derivatives. <i>Letters in Drug Design and Discovery</i> , <b>2019</b> , 16, 1276-1285	0.8	2
3	Manufacturing of polystyrene panels with tunable colors. <i>Results in Materials</i> , <b>2022</b> , 13, 100248	2.3	0
2	Adoption of green methodology in industry for the synthesis of Sildenafil citrate & Celecoxib: A case study. <i>Materials Today: Proceedings</i> , <b>2022</b> ,	1.4	
1	Reactions of Thiiranes with NH Heterocycles: II. C-Bromo/Nitro-1-(thietan-3-yl)pyrazoles as Convenient Synthons for Substituted 1-(Thietan-3-yl)pyrazoles. <b>2022</b> , 58, 1192-1199		0