Phosphodiesterase Type-5 Inhibitors: A Critical Comparative Analysis

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#	Paper	IF	Citations
17	New phosphodiesterase inhibitors in the treatment of erectile dysfunction. *Expert Opinion on Pharmacotherapy*, **2004**, 5, 2241-9	4	11
16	Structure determination of new analogues of vardenafil and sildenafil in dietary supplements. *Food Additives and Contaminants*, **2007**, 24, 122-9		36
15	Quinazolines as potent and highly selective PDE5 inhibitors as potential therapeutics for male erectile dysfunction. *Bioorganic and Medicinal Chemistry Letters*, **2008**, 18, 6279-82	2.9	24
14	The effect of saffron, Crocus sativus stigma, extract and its constituents, safranal and crocin on sexual behaviors in normal male rats. *Phytomedicine*, **2008**, 15, 491-5	6.5	118
13	Does sildenafil affect uroflowmetry values in men with lower urinary tract symptoms suggestive of benign prostatic enlargement?. *Urologia Internationalis*, **2008**, 80, 181-5	1.9	20
12	Randomized placebo-controlled crossover trial of tadalafil in Raynaud's phenomenon secondary to systemic sclerosis. *Journal of Rheumatology*, **2009**, 36, 2264-8	4.1	71
11	Identification of sildenafil, tadalafil and vardenafil by gas chromatography-mass spectrometry on short capillary column. *Journal of Chromatography A*, **2009**, 1216, 8426-30	4.5	50
10	Discovery of potent, selective, and orally bioavailable PDE5 inhibitor: Methyl-4-(3-chloro-4-methoxybenzylamino)-8-(2-hydroxyethyl)-7-methoxyquinazolin-6-ylmethylcarbamate (CKD 533). *Bioorganic and Medicinal Chemistry Letters*, **2010**, 20, 383-6	2.9	6
9	Tadalafil. *Profiles of Drug Substances, Excipients and Related Methodology*, **2011**, 36, 287-329	3	13
8	Preparation of imprinted polymers at surface of magnetic nanoparticles for the selective extraction of tadalafil from medicines. *ACS Applied Materials & Interfaces*, **2011**, 3, 3308-15	9.5	81
7	South African plants and male reproductive healthcare: conception and contraception. *Journal of Ethnopharmacology*, **2012**, 143, 475-80	5	29
6	Dumbbell-shaped stir bar coated with dendrimer-based MIPs for selective extraction and analysis of vardenafil and its analogue sildenafil in health foods. *Analytical Methods*, **2013**, 5, 4494	3.2	22
5	Determination of sildenafil, vardenafil and aildenafil in human plasma by dispersive liquid-liquid microextraction-back extraction based on ionic liquid and high performance liquid chromatography-ultraviolet detection. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2013**, 931, 111-6	3.2	22
4	Magnetic molecularly imprinted polymer for the selective extraction of sildenafil, vardenafil and their analogs from herbal medicines. *Talanta*, **2013**, 115, 482-9	6.2	35
3	Dual β-cyclodextrin functionalized Au@SiC nanohybrids for the electrochemical determination of tadalafil in the presence of acetonitrile. *Biosensors and Bioelectronics*, **2015**, 64, 126-30	11.8	35
2	A comparison study of macrocyclic hosts functionalized reduced graphene oxide for electrochemical recognition of tadalafil. *Biosensors and Bioelectronics*, **2017**, 89, 361-369	11.8	37
1	Direct Electrodeposition to Fabricate 3D Graphene Network Modified Glassy Carbon Electrode for Sensitive Determination of Tadalafil. *Nano*, **2019**, 14, 1950009	1.1	6