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**A simple and sensitive HPLC fluorescence method for determination of tadalafil in mouse plasma**

**DOI: 10.1016/j.jchromb.2010.07.022**

**Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 2891-5.**

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**Version:** 2024-04-26

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#	Paper	IF	Citations
36	Monitoring the subcellular localization of doxorubicin in CHO-K1 using MEKC-LIF: liposomal carrier for enhanced drug delivery. <i>Talanta</i> , <b>2012</b> , 99, 683-8	6.2	19
35	SIMULTANEOUS DETERMINATION OF TADALAFIL AND ITS RELATED COMPOUNDS IN PHARMACEUTICAL DOSAGE FORMS BY UPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2013</b> , 36, 1451-1465	1.3	4
34	Rapid analysis of tadalafil in human blood plasma and seminal plasma by liquid chromatography/tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2013</b> , 77, 149-57	3.5	16
33	Improved radiometabolite analysis procedure for positron emission tomography (PET) radioligands using a monolithic column coupled with direct injection micellar/high submicellar liquid chromatography. <i>Talanta</i> , <b>2013</b> , 113, 130-4	6.2	9
32	Clinical applications of fast liquid chromatography: a review on the analysis of cardiovascular drugs and their metabolites. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2013</b> , 927, 54-79	3.2	22
31	Stability-Indicating RP-HPLC Method for the Determination of Ambrisentan and Tadalafil in Pharmaceutical Dosage Form. <i>Scientia Pharmaceutica</i> , <b>2014</b> , 82, 749-63	4.3	13
30	Plasma concentrations of tadalafil in children with pulmonary arterial hypertension. <i>Therapeutic Drug Monitoring</i> , <b>2014</b> , 36, 576-83	3.2	14
29	Electrochemical behavior of tadalafil on TiO <sub>2</sub> nanoparticles/MWCNT composite paste electrode and its determination in pharmaceutical dosage forms and human serum samples using adsorptive stripping square wave voltammetry. <i>Journal of Solid State Electrochemistry</i> , <b>2014</b> , 18, 2709-2720	2.6	34
28	Contribution of CYP3A isoforms to dealkylation of PDE5 inhibitors: a comparison between sildenafil N-demethylation and tadalafil demethylation. <i>Biological and Pharmaceutical Bulletin</i> , <b>2015</b> , 38, 58-65	2.3	13
27	Quantitative analysis of drugs in biological matrices by HPLC hyphenated to fluorescence detection. <i>Bioanalysis</i> , <b>2015</b> , 7, 743-62	2.1	5
26	Tadalafil-loaded nanostructured lipid carriers using permeation enhancers. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 495, 701-9	6.5	38
25	Fluorescent Detection of Tadalafil Based on Competitive Host-Guest Interaction Using p-Sulfonated Calix[6]arene Functionalized Graphene. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 26557-65	9.5	21
24	Dual Cyclodextrin functionalized Au@SiC nanohybrids for the electrochemical determination of tadalafil in the presence of acetonitrile. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 64, 126-30	11.8	35
23	Development of HPLC Method for the Determination of Buspirone in Rat Plasma Using Fluorescence Detection and Its Application to a Pharmacokinetic Study. <i>Chemical and Pharmaceutical Bulletin</i> , <b>2016</b> , 64, 1582-1588	1.9	7
22	Transdermal delivery of tadalafil using a novel formulation. <i>Drug Delivery</i> , <b>2016</b> , 23, 1571-7	7	8
21	Validated UPLC-MS/MS method for the determination of tadalafil in human plasma and its application to a pharmacokinetic study. <i>Translational and Clinical Pharmacology</i> , <b>2017</b> , 25, 21-27	2	8
20	Tadalafil Improves L-NG-Nitroarginine Methyl Ester-Induced Preeclampsia With Fetal Growth Restriction-Like Symptoms in Pregnant Mice. <i>American Journal of Hypertension</i> , <b>2017</b> , 31, 89-96	2.3	19

19	Quantitation of tadalafil in human plasma using a sensitive and rapid LC-MS/MS method for a bioequivalence study. <i>Journal of Pharmaceutical Analysis</i> , <b>2018</b> , 8, 271-276	14	11
18	Selective and rapid determination of tadalafil and finasteride using solid phase extraction by high performance liquid chromatography and tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 152, 215-223	3.5	9
17	Topical phenytoin nanostructured lipid carriers: design and development. <i>Drug Development and Industrial Pharmacy</i> , <b>2018</b> , 44, 144-157	3.6	12
16	Pt nanoparticles supported on nitrogen-doped porous graphene for sensitive detection of Tadalafil. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 512, 379-388	9.3	20
15	Determination of the Serum Unbound Fraction of Tadalafil in Children with Protein-Losing Enteropathy and Its Specific Binding to Human Serum Proteins in Vitro. <i>Biological and Pharmaceutical Bulletin</i> , <b>2019</b> , 42, 110-115	2.3	2
14	A novel high-performance liquid chromatographic method combined with fluorescence detection for determination of ertugliflozin in rat plasma: Assessment of pharmacokinetic drug interaction potential of ertugliflozin with mefenamic acid and ketoconazole. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2019</b> , 1129-1133, 48-57	3.2	4
13	In Vitro and In Vivo Assessment of Metabolic Drug Interaction Potential of Dutasteride with Ketoconazole. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	5
12	Direct Electrodeposition to Fabricate 3D Graphene Network Modified Glassy Carbon Electrode for Sensitive Determination of Tadalafil. <i>Nano</i> , <b>2019</b> , 14, 1950009	1.1	6
11	D-optimal design as a useful tool response surface methodology for the optimization of signals from synchronous fluorescence prior to simultaneous determination of avanafil and tadalafil. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 235, 118313	4.4	6
10	A concise review of bioanalytical methods of small molecule immuno-oncology drugs in cancer therapy. <i>Biomedical Chromatography</i> , <b>2021</b> , 35, e4996	1.7	1
9	Latanoprost Quantification in Ocular Implants and Tissues: HPLC-Fluorescence vs HPLC-UV. <i>Journal of Chromatographic Science</i> , <b>2021</b> , 59, 64-70	1.4	0
8	Integrated Quality by Design (QbD) Approach for Stability Indicating RPHPLC Method for the Estimation of Tadalafil Hydrochloride in Bulk Drug and Pharmaceutical Formulations. <i>Current Pharmaceutical Analysis</i> , <b>2021</b> , 17, 932-944	0.6	0
7	A review of analytical methods for the determination of four new phosphodiesterase type 5 inhibitors in biological samples and pharmaceutical preparations. <i>Brazilian Journal of Pharmaceutical Sciences</i> , <b>2013</b> , 49, 1-11	1.8	16
6	HPLC/Fluorescence-Diode Array Detection for Rapid and Reliable Determination of Illegal Synthetic Drugs in Male Sexual Herbal and Honey Remedies: Comparative Study with UFLC-MS.. <i>Journal of AOAC INTERNATIONAL</i> , <b>2022</b> ,	1.7	0
5	Fabric phase sorptive extraction coupled with UPLC-ESI-MS/MS method for fast and sensitive quantitation of tadalafil in a bioequivalence study. <i>Saudi Pharmaceutical Journal</i> , <b>2022</b> ,	4.4	0
4	High Performance Liquid Chromatography: Recent Patents and Advancement. <i>Biomedical and Pharmacology Journal</i> , <b>2022</b> , 15, 729-746	0.9	
3	A simple and sensitive HPLC-FL method for bioanalysis of velpatasvir, a novel hepatitis C virus NS5A inhibitor, in rat plasma: Investigation of factors determining its oral bioavailability. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2022</b> , 123399	3.2	0
2	Simultaneous spectrophotometric determination of finasteride and tadalafil in recently FDA approved Entadfil capsules. <b>2022</b> , 16,		2

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