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Structure elucidation of sildenafil analogues in herbal products

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#	Paper	IF	Citations
96	Structure elucidation of sildenafil analogues in herbal products. <i>Food Additives and Contaminants</i> , 2004 , 21, 737-48		93
95	Accurate mass measurement using Fourier transform ion cyclotron resonance mass spectrometry for structure elucidation of designer drug analogs of tadalafil, vardenafil and sildenafil in herbal and pharmaceutical matrices. <i>Rapid Communications in Mass Spectrometry</i> , 2006 , 20, 2317-27	2.2	82
94	Simultaneous determination of synthetic phosphodiesterase-5 inhibitors found in a dietary supplement and pre-mixed bulk powders for dietary supplements using high-performance liquid chromatography with diode array detection and liquid chromatography-electrospray ionization. <i>Journal of Chromatography A</i> , 2007 , 1161, 113-20	4.5	122
93	Use of liquid chromatography-mass spectrometry and a hydrolytic technique for the detection and structure elucidation of a novel synthetic vardenafil designer drug added illegally to a "natural" herbal dietary supplement. <i>Journal of Chromatography A</i> , 2006 , 1125, 67-75	4.5	79
92	Solid phase extraction and liquid chromatographic determination of sildenafil and N-demethylsildenafil in rat serum with basic mobile phase. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006 , 40, 952-7	3.5	19
91	Application of LC-ESI-MS-MS for detection of synthetic adulterants in herbal remedies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006 , 41, 554-64	3.5	135
90	Detection of sildenafil analogues in herbal products for erectile dysfunction. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2006 , 69, 1951-8	3.2	30
89	Structural elucidation of a tadalafil analogue found as an adulterant of a herbal product. <i>Food Additives and Contaminants</i> , 2006 , 23, 446-51		60
88	Structural identification of a new acetildenafil analogue from pre-mixed bulk powder intended as a dietary supplement. <i>Food Additives and Contaminants</i> , 2006 , 23, 870-5		45
87	Liquid chromatography ion trap/time-of-flight mass spectrometric study on the fragmentation of an acetildenafil analogue. <i>European Journal of Mass Spectrometry</i> , 2007 , 13, 233-8	1.1	4
86	Structure determination of new analogues of vardenafil and sildenafil in dietary supplements. <i>Food Additives and Contaminants</i> , 2007 , 24, 122-9		36
85	Structure elucidation of a novel analogue of sildenafil detected as an adulterant in an herbal dietary supplement. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007 , 43, 1615-21	3.5	78
84	Use of liquid chromatography-mass spectrometry and a chemical cleavage reaction for the structure elucidation of a new sildenafil analogue detected as an adulterant in an herbal dietary supplement. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007 , 44, 887-93	3.5	64
83	Analysis of illegally manufactured formulations of tadalafil (Cialis) by ¹ H NMR, 2D DOSY ¹ H NMR and Raman spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 47, 103-13	3.5	76
82	Sildenafil analogs used for adulterating marihuana. <i>Forensic Science International</i> , 2008 , 182, e23-4	2.6	8
81	Identification of a novel vardenafil analogue in herbal product. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 46, 804-7	3.5	47
80	Structure elucidation of a novel synthetic thiono analogue of sildenafil detected in an alleged herbal aphrodisiac. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 46, 814-7	3.5	62

79	Identification of benzamidenafil, a new class of phosphodiesterase-5 inhibitor, as an adulterant in a dietary supplement. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 47, 255-9	3.5	30
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77	Detection of Lipitor counterfeits: a comparison of NIR and Raman spectroscopy in combination with chemometrics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 47, 688-94	3.5	68
76	Structural elucidation of a PDE-5 inhibitor detected as an adulterant in a health supplement. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 48, 1070-5	3.5	21
75	Designer drugs in herbal aphrodisiacs. <i>Forensic Science International</i> , 2008 , 177, e25-7	2.6	26
74	Chapter 18 Toxicological aspects of herbal remedies. <i>Handbook of Analytical Separations</i> , 2008 , 589-610	0.7	3
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71	Determination of (R)-xanthoantrafil, a phosphodiesterase-5 inhibitor, in a dietary supplement promoted for sexual enhancement. <i>Chemical and Pharmaceutical Bulletin</i> , 2008 , 56, 227-30	1.9	15
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62	Detection of undeclared erectile dysfunction drugs and analogues in dietary supplements by ion mobility spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 49, 601-6	3.5	54

61	Identification of sildenafil, tadalafil and vardenafil by gas chromatography-mass spectrometry on short capillary column. <i>Journal of Chromatography A</i> , 2009 , 1216, 8426-30	4.5	50
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