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Structural elucidation of a tadalafil analogue found as an adulterant of a herbal product

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Food Additives and Contaminants, 2006, 23, 446-51.

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#	Paper	IF	Citations
62	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
61	Electrospray tandem mass spectrometric investigations of tadalafil and its analogue. <i>Rapid Communications in Mass Spectrometry</i> , 2006 , 20, 3488-90	2.2	21
60	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
59	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
58	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
57	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
56	Analysis of illegally manufactured formulations of tadalafil (Cialis) by 1H NMR, 2D DOSY 1H NMR and Raman spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 47, 103-13	3.5	76
55	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
54	Isolation and identification of thiohomosildenafil and thiosildenafil in health supplements. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 47, 279-84	3.5	65
53	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
52	Determination of a new type of phosphodiesterase-5 inhibitor, thioquinapiperifil, in a dietary supplement promoted for sexual enhancement. <i>Chemical and Pharmaceutical Bulletin</i> , 2008 , 56, 1331-4	1.9	17
51	Structural elucidation of a tadalafil analogue found in a dietary supplement. <i>Shokuhin Eiseigaku Zasshi Journal of the Food Hygienic Society of Japan</i> , 2008 , 49, 311-5	0.1	32
50	Chemical Profile of Sildenafil and Related Compounds. <i>Japanese Journal of Forensic Science and Technology</i> , 2008 , 13, 73-82	0.1	6
49	Determination of synthetic drugs used to adulterate botanical dietary supplements using QTRAP LC-MS/MS. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2009 , 26, 595-603	3.2	46
48	Structural characterization of sulfoildenafil, an analog of sildenafil. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 50, 228-31	3.5	22
47	Structure elucidation of thioketone analogues of sildenafil detected as adulterants in herbal aphrodisiacs. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 49, 145-50	3.5	51
46	2D and 3D DOSY 1H NMR, a useful tool for analysis of complex mixtures: application to herbal drugs or dietary supplements for erectile dysfunction. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 50, 602-12	3.5	83

45	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
44	Safety and quality assessment of 175 illegal sexual enhancement products seized in red-light districts in Singapore. <i>Drug Safety</i> , 2009 , 32, 1141-6	5.1	52
43	Isolation and identification of hydroxythiohomosildenafil in herbal dietary supplements sold as sexual performance enhancement products. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2009 , 26, 145-51	3.2	25
42	Isolation and structural elucidation of cyclopentynafil and N-octylnortadalafil found in a dietary supplement. <i>Chemical and Pharmaceutical Bulletin</i> , 2009 , 57, 185-9	1.9	29
41	Isolation and structure elucidation of an interaction product of aminotadalafil found in an illegal health food product. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 53, 24-8	3.5	24
40	Development of an immunoassay for rapid screening of vardenafil and its potential analogues in herbal products based on a group specific monoclonal antibody. <i>Analytica Chimica Acta</i> , 2010 , 658, 197-203	6.6	24
39	Identification of amino-tadalafil and rimonabant in electronic cigarette products using high pressure liquid chromatography with diode array and tandem mass spectrometric detection. <i>Journal of Chromatography A</i> , 2010 , 1217, 7547-55	4.5	73
38	SIMULTANEOUS DETERMINATION OF EIGHT PDE5-IS POTENTIALLY ADULTERATED IN HERBAL DIETARY SUPPLEMENTS WITH TLC AND HPLC-PDA-MS METHODS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2010 , 33, 1287-1306	1.3	22
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35	Identification of a new sildenafil analogue in a health supplement. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 56, 491-6	3.5	31
34	Role of liquid chromatography-high-resolution mass spectrometry (LC-HR/MS) in clinical toxicology. <i>Clinical Toxicology</i> , 2012 , 50, 733-42	2.9	121
33	Isolation and characterization of propoxyphenyl linked sildenafil and thiosildenafil analogues in health supplements. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 70, 265-72	3.5	20
32	Towards a decade of detecting new analogues of sildenafil, tadalafil and vardenafil in food supplements: a history, analytical aspects and health risks. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 69, 196-208	3.5	130
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30	Nutritional Supplements. 2012 , 539-573		
29	Isolation and structural characterization of two tadalafil analogs found in dietary supplements. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 59, 50-7	3.5	32
28	Identification of a novel sildenafil analogue in an adulterated herbal supplement. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 59, 58-66	3.5	35

27	Isolation and structural elucidation of a new sildenafil analogue from a functional coffee. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 4443-50	4.4	11
26	Rapid-screening detection of acetildenafil, sildenafil and avanafil by ion mobility spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013 , 75, 153-7	3.5	24
25	Identification of a new tadalafil analogue found in a dietary supplement. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2013 , 30, 621-6	3.2	19
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23	Structural elucidation of a new sildenafil analogue using high-resolution Orbitrap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2013 , 27, 1380-4	2.2	15
22	Identification of new synthetic PDE-5 inhibitors analogues found as minor components in a dietary supplement. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 96, 45-53	3.5	23
21	Screening of synthetic PDE-5 inhibitors and their analogues as adulterants: analytical techniques and challenges. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 87, 176-90	3.5	105
20	Determination of phosphodiesterase-5 inhibitors and analogs using high-performance liquid chromatography with ultraviolet detection. <i>Journal of Chromatographic Science</i> , 2015 , 53, 38-46	1.4	8
19	Detection of a tadalafil analogue as an adulterant in a dietary supplement for erectile dysfunction. <i>Journal of Sexual Medicine</i> , 2015 , 12, 152-7	1.1	16
18	Identification and screening of a tadalafil analogue found in adulterated herbal products. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 103, 80-4	3.5	21
17	Isolation and structural characterization of a new tadalafil analog (2-hydroxyethylnortadalafil) found in a dietary supplement. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 103, 99-103	3.5	16
16	Advances in Testing for Adulteration of Food Supplements. 2016 , 667-699		2
15	Screening of synthetic phosphodiesterase-5 inhibitors in herbal dietary supplements using transmission-mode desorption electrospray and high-resolution mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2016 , 51, 358-62	2.2	1
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4	Screening of Phosphodiesterase-5 Inhibitors and Their Analogs in Dietary Supplements by Liquid Chromatography-Hybrid Ion Trap-Time of Flight Mass Spectrometry. <i>Molecules</i> , 2020 , 25,	4.8	1
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1	Isolation and characterization of a novel tadalafil analogue adulterant, N-cyclohexyl nortadalafil, in a dietary supplement. 2022 , 115144		0