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Molecular and Crystal Structure of Sildenafil Base

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#	Paper	IF	Citations
18	Salt and cocrystals of sildenafil with dicarboxylic acids: solubility and pharmacokinetic advantage of the glutarate salt. <i>Molecular Pharmaceutics</i> , 2013 , 10, 4687-97	5.6	105
17	Preparation and crystal structure of sildenafil salicylate. <i>Mendeleev Communications</i> , 2015 , 25, 49-50	1.9	10
16	New approaches to the synthesis of sildenafil analogues and their enzyme inhibitory activity. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 1421-9	3.4	32
15	Why sildenafil and sildenafil citrate monohydrate crystals are not stable?. <i>Saudi Pharmaceutical Journal</i> , 2015 , 23, 504-14	4.4	8
14	(1)H-(14)N cross-relaxation spectrum analysis in sildenafil and sildenafil citrate. <i>Solid State Nuclear Magnetic Resonance</i> , 2016 , 78, 16-23	3.1	1
13	Invariom-based comparative electron density studies of iso-sildenafil and sildenafil. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2017 , 72, 1-10	1	0
12	Combined Virtual/Experimental Multicomponent Solid Forms Screening of Sildenafil: New Salts, Cocrystals, and Hybrid Salt-Cocrystals. <i>Crystal Growth and Design</i> , 2018 , 18, 7618-7627	3.5	23
11	Hydrogen bonding versus π -interactions: their key competition in sildenafil solvates. <i>CrystEngComm</i> , 2018 , 20, 4526-4530	3.3	5
10	Polymorphism of Sildenafil: A New Metastable Desolvate. <i>Crystal Growth and Design</i> , 2018 , 18, 3740-3746	3.5	13
9	Intramolecular hydrogen bonding: An opportunity for improved design in medicinal chemistry. <i>Medicinal Research Reviews</i> , 2019 , 39, 1707-1729	14.4	45
8	Sildenafil-Besorcinol Cocrystal: XRPD Structure and DFT Calculations. <i>Crystals</i> , 2020 , 10, 1126	2.3	9
7	Sildenafil 4.0-Integrated Synthetic Chemistry, Formulation and Analytical Strategies Effecting Immense Therapeutic and Societal Impact in the Fourth Industrial Era. <i>Pharmaceutics</i> , 2021 , 14,	5.2	5
6	The Solid State Landscape of the Sildenafil Drug. <i>Journal of Pharmaceutical Sciences</i> , 2021 ,	3.9	0
5	Sildenafil tablet analyzed by XPS. <i>Surface Science Spectra</i> , 2020 , 27, 024016	1.2	1
4	Single-crystal X-ray structure determinations of vardenafil, vardenafil dihydrate, vardenafil monohydrochloride trihydrate and vardenafil dihydrochloride hexahydrate. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2021 , 76, 45-53	1	
3	Molecular and crystal structure of a copper(II) complex of sildenafil. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2022 , 77, 31-34	1	0
2	Crystal structures of sildenafil compounds with nitrate and di(citrato)zinc counterions. 2022 ,		

1 Theoretical study on the origins of sildenafil tautomers' relative stability. **2022**,

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