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Polymorphism of Sildenafil: A New Metastable Desolvate

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Crystal Growth and Design, 2018, 18, 3740-3746.

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#	Paper	IF	Citations
16	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
15	Hydrogen bonding versus π -Interactions: their key competition in sildenafil solvates. <i>CrystEngComm</i> , 2018 , 20, 4526-4530	3.3	5
14	Capturing a new hydrate polymorph of amodiaquine dihydrochloride dihydrate via heterogeneous crystallisation. <i>CrystEngComm</i> , 2019 , 21, 2053-2057	3.3	6
13	Polymorphism and molecular conformations of nicosulfuron: structure, properties and desolvation process. <i>CrystEngComm</i> , 2019 , 21, 2790-2798	3.3	7
12	Determination of Solubility and Nucleation Kinetics of Valnemulin Hydrochloride Solvate. <i>Journal of Solution Chemistry</i> , 2019 , 48, 413-426	1.8	8
11	Recent advancements in solubilization of hydrophobic drugs. 2020 , 109-144		
10	Sildenafil/Besorcinol Cocrystal: XRPD Structure and DFT Calculations. <i>Crystals</i> , 2020 , 10, 1126	2.3	9
9	Understanding the Role of Solvent Polarity in the Molecular Self-Assembly Process of Etoricoxib Solvates. <i>Crystal Growth and Design</i> , 2020 , 20, 3650-3662	3.5	8
8	Sildenafil 4.0-Integrated Synthetic Chemistry, Formulation and Analytical Strategies Effecting Immense Therapeutic and Societal Impact in the Fourth Industrial Era. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	5
7	Identifying Conformational Isomers of Organic Molecules in Solution via Unsupervised Clustering. <i>Journal of Chemical Information and Modeling</i> , 2021 , 61, 2263-2273	6.1	1
6	The Solid State Landscape of the Sildenafil Drug. <i>Journal of Pharmaceutical Sciences</i> , 2021 ,	3.9	0
5	The mechanism of solvent-mediated desolvation transformation of lenvatinib mesylate from dimethyl sulfoxide solvate to form D. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020 , 76, 343-352	1.8	4
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	Combined crystallographic and computational investigation of the solvent disorder present in a new tipiracil hydrochloride methanol solvate/hydrate. <i>CrystEngComm</i> ,	3.3	0
2	Combined Computational/Experimental Investigation of new cocrystals of the drug bosentan. <i>CrystEngComm</i> ,	3.3	2
1	Theoretical study on the origins of sildenafil tautomers' relative stability. 2022 ,		0