

Physicochemical properties of antifungal drug “cyclo
supercritical carbon dioxide and by conventional techn

Journal of Pharmaceutical and Biomedical Analysis

49, 227-233

DOI: 10.1016/j.jpba.2008.10.032

Citation Report

#	ARTICLE	IF	CITATIONS
1	Preparation and Characterization of Inclusion Complexes of a Hemisuccinate Ester Prodrug of Î²-Tetrahydrocannabinol with Modified Beta-Cyclodextrins. <i>AAPS PharmSciTech</i> , 2010, 11, 509-517.	1.5	23
2	Comparative study of itraconazole-cyclodextrin inclusion complex and its commercial product. <i>Archives of Pharmacal Research</i> , 2010, 33, 1009-1017.	2.7	11
3	Physicochemical characterization of terbinafine-cyclodextrin complexes in solution and in the solid state. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010, 66, 393-402.	1.6	12
4	Complex between modified Î²-cyclodextrins and three components of traditional Chinese medicine in supercritical carbon dioxide medium. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010, 68, 399-410.	1.6	6
5	In vitro characterization and pharmacokinetics in mice following pulmonary delivery of itraconazole as cyclodextrin solubilized solution. <i>European Journal of Pharmaceutical Sciences</i> , 2010, 39, 336-347.	1.9	44
6	Preparation of bitter taste masked cetirizine dihydrochloride/Î²-cyclodextrin inclusion complex by supercritical antisolvent (SAS) process. <i>Journal of Supercritical Fluids</i> , 2010, 55, 348-357.	1.6	60
7	Supercritical fluid extraction: Recent advances and applications. <i>Journal of Chromatography A</i> , 2010, 1217, 2495-2511.	1.8	575
8	Pharmaceutical Technologies for Enhancing Oral Bioavailability of Poorly Soluble Drugs. <i>Journal of Bioequivalence & Bioavailability</i> , 2010, 02, .	0.1	109
11	Complexation of nevirapine with Î²-cyclodextrins in the presence and absence of Tween 80: characterization, thermodynamic parameters, and permeability flux. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 105, 1049-1059.	2.0	10
12	Chitosan/sulfobutylether-Î²-cyclodextrin nanoparticles as a potential approach for ocular drug delivery. <i>International Journal of Pharmaceutics</i> , 2011, 413, 229-236.	2.6	179
13	Bioavailability Enhancement Strategies: Basics, Formulation Approaches and Regulatory Considerations. <i>Current Drug Delivery</i> , 2011, 8, 691-702.	0.8	57
14	Recent Researches in Triazole Compounds as Medicinal Drugs. <i>Current Medicinal Chemistry</i> , 2012, 19, 239-280.	1.2	468
15	Investigation of the inclusion behavior of chlorogenic acid with hydroxypropyl-Î²-cyclodextrin. <i>International Journal of Biological Macromolecules</i> , 2012, 50, 277-282.	3.6	47
16	Melting point depression of Piroxicam in carbon dioxide + co-solvent mixtures and inclusion complex formation with Î²-cyclodextrin. <i>Journal of Supercritical Fluids</i> , 2012, 71, 19-25.	1.6	17
17	Mechanical grinding effect on thermodynamics and inclusion efficiency of loratadine-Î²-cyclodextrin inclusion complex formation. <i>Carbohydrate Polymers</i> , 2012, 87, 512-517.	5.1	28
18	Transdermal delivery of cyclodextrin-solubilized curcumin. <i>Drug Delivery and Translational Research</i> , 2013, 3, 272-285.	3.0	29
19	Inclusion complex formation of Î²-cyclodextrin and Naproxen: a study on exothermic complex formation by differential scanning calorimetry. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013, 77, 269-277.	0.9	29
20	Design, Characterization, and In Vitro Evaluation of Antifungal Polymeric Films. <i>AAPS PharmSciTech</i> , 2013, 14, 64-73.	1.5	15

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21	Synthesis of carboxylate derivatives of molybdenum and tungsten based on joint insertion of CO ₂ and PhNCS or N, N-dicyclohexylcarbodiimide into M-Cl bonds. <i>Inorganic Materials</i> , 2013, 49, 638-642.	0.2	1
22	Improvement in solubility and bioavailability of puerarin by mechanochemical preparation. <i>Drug Development and Industrial Pharmacy</i> , 2013, 39, 826-835.	0.9	17
23	Characterization of Ketoprofen/Methyl- β -Cyclodextrin Complexes Prepared Using Supercritical Carbon Dioxide. <i>Journal of Chemistry</i> , 2013, 2013, 1-8.	0.9	30
24	Characterization of Albendazole-Randomly Methylated- β -Cyclodextrin Inclusion Complex and In Vivo Evaluation of Its Anthelmintic Activity in a Murine Model of Trichinellosis. <i>PLoS ONE</i> , 2014, 9, e113296.	1.1	23
25	Nanotechnological Strategies for Vaginal Administration of Drugs – A Review. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 2218-2243.	0.5	31
26	Modified β -Cyclodextrin Inclusion Complex to Improve the Physicochemical Properties of Albendazole. Complete In Vitro Evaluation and Characterization. <i>PLoS ONE</i> , 2014, 9, e88234.	1.1	62
27	Ocular supersaturated self-nanoemulsifying drug delivery systems (S-SNEDDS) to enhance econazole nitrate bioavailability. <i>International Journal of Pharmaceutics</i> , 2014, 460, 33-44.	2.6	64
28	Formulation Development of Mouth Dissolving Film of Etoricoxib for Pain Management. <i>Advances in Pharmaceutics</i> , 2015, 2015, 1-11.	0.5	23
29	Physicochemical characterizations of safranal- β -cyclodextrin inclusion complexes prepared by supercritical carbon dioxide and conventional methods. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2015, 83, 215-226.	0.9	6
30	Analytical techniques for characterization of cyclodextrin complexes in the solid state: A review. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 113, 226-238.	1.4	215
31	Preparation of olanzapine and methyl- β -cyclodextrin complexes using a single-step, organic solvent-free supercritical fluid process: An approach to enhance the solubility and dissolution properties. <i>International Journal of Pharmaceutics</i> , 2015, 494, 408-416.	2.6	42
32	Co-solvent and Complexation Systems. <i>AAPS Advances in the Pharmaceutical Sciences Series</i> , 2016, , 215-256.	0.2	2
33	Solid-state flurbiprofen and methyl- β -cyclodextrin inclusion complexes prepared using a single-step, organic solvent-free supercritical fluid process. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 104, 164-170.	2.0	26
34	Effect of hydroxypropyl- β -cyclodextrin on the bounding of salazosulfapyridine to human serum albumin. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 105-115.	3.6	15
35	Measurement and modelling of econazole nitrate in twelve pure organic solvents at temperatures from 278.15 K to 318.15 K. <i>Journal of Chemical Thermodynamics</i> , 2016, 103, 59-68.	1.0	7
36	Efficiency of β -cyclodextrin-ibuprofen inclusion complex formation. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 35, 34-39.	1.4	51
37	Preparation of functionalized cotton fabrics by means of melatonin loaded β -cyclodextrin nanosponges. <i>Carbohydrate Polymers</i> , 2016, 142, 24-30.	5.1	59
38	Preparation and Characterization of Amylose Inclusion Complexes for Drug Delivery Applications. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 231-241.	1.6	33

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39	Posaconazole/hydroxypropyl- β -cyclodextrin host-guest system: Improving dissolution while maintaining antifungal activity. <i>Carbohydrate Polymers</i> , 2016, 142, 16-23.	5.1	43
40	Nano Spray Drying Technique as a Novel Approach To Formulate Stable Econazole Nitrate Nanosuspension Formulations for Ocular Use. <i>Molecular Pharmaceutics</i> , 2016, 13, 2951-2965.	2.3	41
41	Inclusion complexes of fluconazole with β -cyclodextrin and 2-hydroxypropyl- β -cyclodextrin in aqueous solution: preparation, characterization and a structural insight. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2016, 84, 209-217.	0.9	31
42	Cyclodextrin based ternary system of modafinil: Effect of trimethyl chitosan and polyvinylpyrrolidone as complexing agents. <i>International Journal of Biological Macromolecules</i> , 2016, 84, 182-188.	3.6	15
43	<i>In vitro</i> synergism of a water insoluble fraction of <i>Uncaria tomentosa</i> combined with fluconazole and terbinafine against resistant non- <i>Candida albicans</i> isolates. <i>Pharmaceutical Biology</i> , 2017, 55, 406-415.	1.3	11
44	A pH-independent instantaneous release of flurbiprofen: a study of the preparation of complexes, their characterization and <i>in vitro/in vivo</i> evaluation. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1460-1471.	0.9	4
45	Potential of novel drug delivery systems in the management of topical <i>candidiasis</i> . <i>Journal of Drug Targeting</i> , 2017, 25, 685-703.	2.1	16
46	Solubility and preferential solvation of econazole nitrate in binary solvent mixtures of methanol, ethanol and 1,4-dioxane in water. <i>Journal of Chemical Thermodynamics</i> , 2017, 111, 228-237.	1.0	33
47	One Pranoprofen drug-based metal coordination polymer: Synthesis, structure and properties. <i>Polyhedron</i> , 2017, 133, 336-342.	1.0	4
48	Supercritical Fluid Technology: An Emphasis on Drug Delivery and Related Biomedical Applications. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700433.	3.9	186
49	Synthesis, spectroscopic studies, antimicrobial activity, and crystal structure of a Zn(II) complex based on Voriconazole. <i>Journal of Coordination Chemistry</i> , 2017, 70, 189-200.	0.8	9
50	Nanocapsule formation by cyclodextrins. , 2017, , 187-261.		8
51	Biocomposites in ocular drug delivery. , 2017, , 139-168.		4
52	Mechanism and structure studies of cinnamaldehyde/cyclodextrins inclusions by computer simulation and NMR technology. <i>Carbohydrate Polymers</i> , 2018, 194, 294-302.	5.1	37
53	Copper-based metal coordination complexes with Voriconazole ligand: Syntheses, structures and antimicrobial properties. <i>Journal of Solid State Chemistry</i> , 2018, 259, 19-27.	1.4	20
54	The Insertion of Carbon Dioxide in Combination with RNCS (R Is Et, Ph) or N,N-Dihexylcarbodiimide into the Re-O(R) Bonds. <i>Russian Journal of Inorganic Chemistry</i> , 2018, 63, 191-196.	0.3	0
55	A green organic-solvent-free route to prepare nanostructured zinc oxide carriers of clotrimazole for pharmaceutical applications. <i>Journal of Cleaner Production</i> , 2018, 172, 1433-1439.	4.6	16
56	Preparation of ibuprofen/hydroxypropyl- β -cyclodextrin inclusion complexes using supercritical CO ₂ -assisted spray drying. <i>Journal of Supercritical Fluids</i> , 2018, 133, 479-485.	1.6	36

#	ARTICLE	IF	CITATIONS
57	Electrospun poly(β -caprolactone) matrices containing silver sulfadiazine complexed with β -cyclodextrin as a new pharmaceutical dosage form to wound healing: preliminary physicochemical and biological evaluation. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 67.	1.7	23
58	Surface-enhanced Raman spectroscopy for successful probing of itraconazole within poly(lactic acid-glycolic acid) nanoparticles. <i>Journal of Raman Spectroscopy</i> , 2019, 50, 1085-1093.	1.2	1
59	In-vitro dissolution and microbial inhibition studies on anticancer drug etoposide with β -cyclodextrin. <i>Materials Science and Engineering C</i> , 2019, 102, 96-105.	3.8	25
60	Flexible nano-sized lipid vesicles for the transdermal delivery of colchicine; in vitro/in vivo investigation. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 49, 24-34.	1.4	22
61	Cyclodextrin solubilization and complexation of antiretroviral drug lopinavir: In silico prediction; Effects of derivatization, molar ratio and preparation method. <i>Carbohydrate Polymers</i> , 2020, 227, 115287.	5.1	29
62	Antifungal activity of econazole nitrate/cyclodextrin complex: Effect of pH and formation of complex aggregates. <i>International Journal of Pharmaceutics</i> , 2020, 574, 118896.	2.6	10
63	A review on the synthesis of graft copolymers of chitosan and their potential applications. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 2097-2112.	3.6	112
64	Multi-spectroscopic investigation, molecular docking and molecular dynamic simulation of competitive interactions between flavonoids (quercetin and rutin) and sorafenib for binding to human serum albumin. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 2451-2461.	3.6	78
65	Preparation of non-steroidal anti-inflammatory drug/ β -cyclodextrin inclusion complexes by supercritical antisolvent process. <i>Journal of CO2 Utilization</i> , 2021, 44, 101397.	3.3	37
66	Formulation, characterization, and evaluation of the anti-tumor activity of nanosized galangin loaded niosomes on chemically induced hepatocellular carcinoma in rats. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102163.	1.4	17
67	Formation of Rutin- β -Cyclodextrin Inclusion Complexes by Supercritical Antisolvent Precipitation. <i>Polymers</i> , 2021, 13, 246.	2.0	19
68	Green solvents for drug synthesis. , 2021, , 55-86.		1
69	Improving Animal Immunity to Prevent Fungal Infections with Folk Remedies and Advanced Medicine. <i>Fungal Biology</i> , 2021, , 127-162.	0.3	1
70	Green processing: CO2-induced glassification of sucrose octaacetate and its implications in the spontaneous release of drug from drug-excipient composites. <i>Journal of CO2 Utilization</i> , 2021, 47, 101472.	3.3	3
71	Design and Optimization of Orally Administered Luteolin Nanoethosomes to Enhance Its Anti-Tumor Activity against Hepatocellular Carcinoma. <i>Pharmaceutics</i> , 2021, 13, 648.	2.0	30
72	Supercritical Carbon Dioxide as a Green Alternative to Achieve Drug Complexation with Cyclodextrins. <i>Pharmaceutics</i> , 2021, 14, 562.	1.7	15
73	Stability-indicating reversed-phase/normal-phase high-performance thin-layer chromatography technique for the determination of arbidol: Green analytical chemistry viewpoint. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 1709-1721.	0.8	2
74	Thermosensitive and Mucoadhesive Sol-Gel Composites of Paclitaxel/Dimethyl- β -Cyclodextrin for Buccal Delivery. <i>PLoS ONE</i> , 2014, 9, e109090.	1.1	68

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75	Characteristic of Cyclodextrins: Their Role and Use in the Pharmaceutical Technology. <i>Current Drug Targets</i> , 2020, 21, 1495-1510.	1.0	29
76	Ibuprofen/ β -CD complexation by controlled annealing of their mechanical mixture. <i>Bulgarian Chemical Communications</i> , 2019, 51, 326-331.	0.2	0
77	Preparation and in vitro characterization of a fluconazole loaded chitosan particulate system. <i>ACTA Pharmaceutica Scientia</i> , 2019, 57, 203.	0.1	0
78	Study the structure and thermal properties of carboxymethylated- β -cyclodextrin inclusion complex with bifonazole. <i>Polymer Journal</i> , 2020, 42, 262-268.	0.3	0
79	CO ₂ -Solvated Liquefaction of Polyethylene Glycol (PEG): A Novel, Green Process for the Preparation of Drug-Excipient Composites at Low Temperatures. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
80	CO ₂ -solvated liquefaction of polyethylene glycol (PEG): A novel, green process for the preparation of drug-excipient composites at low temperatures. <i>Journal of CO₂ Utilization</i> , 2022, 59, 101971.	3.3	0
84	Methods for nanoencapsulation. , 2023, , 59-108.		0