

The Effect of Excipients on the Permeability of BCS Class for Biowaivers

Pharmaceutical Research

33, 167-176

DOI: [10.1007/s11095-015-1773-4](https://doi.org/10.1007/s11095-015-1773-4)

Citation Report

#	ARTICLE	IF	CITATIONS
1	A Mixed Micelle Formulation for Oral Delivery of Vitamin K. <i>Pharmaceutical Research</i> , 2016, 33, 2168-2179.	1.7	37
2	Preclinical Effect of Absorption Modifying Excipients on Rat Intestinal Transport of Model Compounds and the Mucosal Barrier Marker ⁵¹ Cr-EDTA. <i>Molecular Pharmaceutics</i> , 2017, 14, 4243-4251.	2.3	34
3	Biopharmaceutical aspects and implications of excipient variability in drug product performance. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 111, 1-15.	2.0	75
4	Anti-Rift Valley fever virus activity in vitro, pre-clinical pharmacokinetics and oral bioavailability of benzavir-2, a broad-acting antiviral compound. <i>Scientific Reports</i> , 2018, 8, 1925.	1.6	14
5	Preclinical Bioavailability Strategy for Decisions on Clinical Drug Formulation Development: An In Depth Analysis. <i>Molecular Pharmaceutics</i> , 2018, 15, 2633-2645.	2.3	9
6	Mixed micellar system stabilized with saponins for oral delivery of vitamin K. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 170, 521-528.	2.5	16
7	Dissolution Profile Consideration in Pharmaceutical Product Development. , 2018, , 287-336.		3
8	Glycerol Solvates DPPC Headgroups and Localizes in the Interfacial Regions of Model Pulmonary Interfaces Altering Bilayer Structure. <i>Langmuir</i> , 2018, 34, 6941-6954.	1.6	25
9	The effects of three absorption-modifying critical excipients on the in vivo intestinal absorption of six model compounds in rats and dogs. <i>International Journal of Pharmaceutics</i> , 2018, 547, 158-168.	2.6	38
10	Rat intestinal drug permeability: A status report and summary of repeated determinations. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 142, 364-376.	2.0	11
11	Simultaneous Semi-Mechanistic Population Pharmacokinetic Modeling Analysis of Enalapril and Enalaprilat Serum and Urine Concentrations From Child Appropriate Orodispersible Minitablets. <i>Frontiers in Pediatrics</i> , 2019, 7, 281.	0.9	2
12	Solvent driven phase transitions of acyclovir – the role of water and solvent polarity. <i>CrystEngComm</i> , 2019, 21, 2180-2192.	1.3	8
13	Potential for pharmaceutical excipients to impact absorption: A mechanistic review for BCS Class 1 and 3 drugs. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 141, 130-138.	2.0	39
14	The Discriminatory Power of the BCS-Based Biowaiver: A Retrospective With Focus on Essential Medicines. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 2824-2837.	1.6	18
15	Demonstrating suitability of the Caco-2 cell model for BCS-based biowaiver according to the recent FDA and ICH harmonised guidelines. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 1231-1242.	1.2	23
16	Effect of intra- and extragranular addition of highly porous tribasic calcium phosphate on properties of immediate release acyclovir formulation – Comparison with commercial tablets using compendial and biorelevant dissolution methods. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 51, 464-474.	1.4	3
17	11. Biowaivers. , 2019, , 319-352.		0
18	Employing a PLGA-TPGS based nanoparticle to improve the ocular delivery of Acyclovir. <i>Saudi Pharmaceutical Journal</i> , 2019, 27, 293-302.	1.2	44

#	ARTICLE	IF	CITATIONS
19	3D printed, controlled release, tritherapeutic tablet matrix for advanced anti-HIV-1 drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 138, 99-110.	2.0	53
20	Prompt drug delivery of rabeprazole through raft formation: In vitro and in vivo evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101932.	1.4	4
21	N,N,N-trimethylchitosan-poly (n-butylcyanoacrylate) core-shell nanoparticles as a potential oral delivery system for acyclovir. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 196, 111336.	2.5	3
22	Effect of excipients on oral absorption process according to the different gastrointestinal segments. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 1005-1024.	2.4	8
23	Acyclovir-Loaded Solid Lipid Nanoparticles: Optimization, Characterization and Evaluation of Its Pharmacokinetic Profile. <i>Nanomaterials</i> , 2020, 10, 1785.	1.9	15
24	Effect of Common Excipients on Intestinal Drug Absorption in Wistar Rats. <i>Molecular Pharmaceutics</i> , 2020, 17, 2310-2318.	2.3	8
25	The Effect of Anesthetic Regimens on Intestinal Absorption of Passively Absorbed Drugs in Rats. <i>Pharmaceutical Research</i> , 2020, 37, 87.	1.7	2
26	Scientific considerations to move towards biowaiver for biopharmaceutical classification system class III drugs: How modeling and simulation can help. <i>Biopharmaceutics and Drug Disposition</i> , 2021, 42, 118-127.	1.1	11
27	Biowaiver Monographs for Immediate Release Solid Oral Dosage Forms: Metformin Hydrochloride. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 1513-1526.	1.6	8
28	A differential equation based modelling approach to predict supersaturation and in vivo absorption from in vitro dissolution-absorption system (idas2) data. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 165, 1-12.	2.0	9
29	An Assessment of Occasional Bio-Inequivalence for BCS1 and BCS3 Drugs: What are the Underlying Reasons?. <i>Journal of Pharmaceutical Sciences</i> , 2021, . .	1.6	1
30	Understanding Conformational Polymorphism in Ganciclovir: A Holistic Approach. <i>Chemistry</i> , 2021, 3, 126-137.	0.9	1
31	Effect of sex and food on the pharmacokinetics of different classes of BCS drugs in rats after cassette administration. <i>International Journal of Pharmaceutics</i> , 2021, 610, 121221.	2.6	5
32	Evaluation of Excipient Risk in BCS Class I and III Biowaivers. <i>AAPS Journal</i> , 2022, 24, 20.	2.2	16
33	The involvement of extracellular vesicles in the transcytosis of nanoliposomes through brain endothelial cells, and the impact of liposomal pH-sensitivity. <i>Materials Today Bio</i> , 2022, 13, 100212.	2.6	4
34	Exploring the Predictive Power of the <i>in Situ</i> Perfusion Technique towards Drug Absorption: Theory, Practice, and Applications. <i>Molecular Pharmaceutics</i> , 2022, 19, 749-762.	2.3	3
35	Preclinical Pharmacokinetic Studies of a Novel Diuretic Inhibiting Urea Transporters. <i>Molecules</i> , 2022, 27, 2451.	1.7	1
37	Lack of an Effect of Polysorbate 80 on Intestinal Drug Permeability in Humans. <i>Pharmaceutical Research</i> , 2022, 39, 1881-1890.	1.7	7

#	ARTICLE	IF	CITATIONS
38	Comparator product issues for biowaiver implementation: the case of Fluconazole. Brazilian Journal of Pharmaceutical Sciences, 0, 58, .	1.2	0
39	The role of glutathione conjugation on the transcellular transport process of PEGylated liposomes across the blood brain barrier. International Journal of Pharmaceutics, 2022, 626, 122152.	2.6	3
40	Approaches of formulation bridging in support of orally administered drug product development. International Journal of Pharmaceutics, 2022, , 122380.	2.6	0
41	Regulatory utility of physiologicallyâ€based pharmacokinetic modeling to support alternative bioequivalence approaches and risk assessment: A workshop summary report. CPT: Pharmacometrics and Systems Pharmacology, 2023, 12, 585-597.	1.3	5
42	Polyols Permeability on Caco-2 Cells and Their Effects on Transport of Low-Permeability Drugs. Future Pharmacology, 2023, 3, 229-237.	0.6	0
43	Bioequivalence Dissolution Test Criteria for Formulation Development of High Solubility-Low Permeability Drugs. Chemical and Pharmaceutical Bulletin, 2023, 71, 213-219.	0.6	1