

A review of the nonclinical safety of Transcutol®<sup>®</sup>, a high purity 1,2-dimethyl-3-ethoxy-2-propyl glycol monoethyl ether (DEGEE) used as a pharmaceutical solvent

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A Systematic Study on Manufacturing of Prilled Microgels into Lipids for Oral Protein Delivery. Journal of Pharmaceutical Sciences, 2015, 104, 3351-3365.	3.3	2
2	Preparation, characterization and buccal permeation of naratriptan. International Journal of Pharmaceutics, 2015, 493, 146-151.	5.2	10
3	Synthesis of amphiphilic resveratrol lipoconjugates and evaluation of their anticancer activity towards neuroblastoma SH-SY5Y cell line. European Journal of Medicinal Chemistry, 2015, 96, 467-481.	5.5	28
4	Novel perspectives in the tuberculosis treatment: Administration of isoniazid through the skin. International Journal of Pharmaceutics, 2015, 494, 463-470.	5.2	30
5	SOME NUMERICAL ANALYSES ON THE SOLUBILITY OF VANILLIN IN CARBITOL® + WATER SOLVENT MIXTURES. Revista Colombiana De Química, 2016, 44, 34-39.	0.4	8
6	<i>Acmella oleracea</i> and <i>Achyrocline satureioides</i> as Sources of Natural Products in Topical Wound Care. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-9.	1.2	18
7	Topical delivery of hexamidine. International Journal of Pharmaceutics, 2016, 506, 332-339.	5.2	14
8	Generally trained models to predict solubility of drugs in carbitol + water mixtures at various temperatures. Journal of Molecular Liquids, 2016, 219, 435-438.	4.9	41
9	Safety data on 19 vehicles for use in 1-month oral rodent pre-clinical studies: administration of hydroxypropyl- $\beta$ -cyclodextrin causes renal toxicity. Journal of Applied Toxicology, 2016, 36, 140-150.	2.8	16
10	Statistical optimization of tretinoin-loaded penetration-enhancer vesicles (PEV) for topical delivery. DARU, Journal of Pharmaceutical Sciences, 2016, 24, 7.	2.0	15
11	Tolerable Levels of Nonclinical Vehicles and Formulations Used in Studies by Multiple Routes in Multiple Species With Notes on Methods to Improve Utility. International Journal of Toxicology, 2016, 35, 95-178.	1.2	60
12	Further numerical analysis on the solubility of ibrutinib in ethanol + water mixtures at different temperatures. Journal of Molecular Liquids, 2016, 218, 35-38.	4.9	18
13	Self-Nanoemulsified Drug Delivery System of Hydrochlorothiazide for Increasing Dissolution Rate and Diuretic Activity. AAPS PharmSciTech, 2017, 18, 2494-2504.	3.3	14
15	Influence of Study Design Variables on Clinical Pathology Data. Toxicologic Pathology, 2017, 45, 288-295.	1.8	19
16	Local Application of Statins Significantly Reduced Hypertrophic Scarring in a Rabbit Ear Model. Plastic and Reconstructive Surgery - Global Open, 2017, 5, e1294.	0.6	12
17	Effects of Vehicles and Enhancers on the Skin Permeation of Phytoestrogenic Diarylheptanoids from <i>Curcuma comosa</i> . AAPS PharmSciTech, 2017, 18, 895-903.	3.3	11
18	Development and in vitro evaluations of new decitabine nanocarriers for the treatment of acute myeloid leukemia. International Journal of Nanomedicine, 2017, Volume 12, 8427-8442.	6.7	16
19	Intranasally administered in situ gelling nanocomposite system of dimenhydrinate: preparation, characterization and pharmacodynamic applicability in chemotherapy induced emesis model. Scientific Reports, 2017, 7, 9910.	3.3	40

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20	Development and evaluation of topical films containing phytoestrogenic diarylheptanoids from <i>Curcuma comosa</i> extract. Drug Development and Industrial Pharmacy, 2018, 44, 1385-1394.	2.0	9
21	Novel sulforaphane-enabled self-microemulsifying delivery systems (SFN-SMEDDS) of taxanes: Formulation development and in vitro cytotoxicity against breast cancer cells. International Journal of Pharmaceutics, 2018, 536, 187-198.	5.2	40
22	Impact of spray drying over conventional surface adsorption technique for improvement in micromeritic and biopharmaceutical characteristics of self-nanoemulsifying powder loaded with two lipophilic as well as gastrointestinal labile drugs. Powder Technology, 2018, 326, 425-442.	4.2	38
23	Design, characterization and in vivo evaluation of nanostructured lipid carriers (NLC) as a new drug delivery system for hydrochlorothiazide oral administration in pediatric therapy. Drug Delivery, 2018, 25, 1910-1921.	5.7	86
24	Skin Penetration and Permeation Properties of Transcutol® Neat or Diluted Mixtures. AAPS PharmSciTech, 2018, 19, 3512-3533.	3.3	101
25	Solubility and thermodynamics of lamotrigine in carbitol+water mixtures from $T = 293.2$ to $T = 310.2$ K. J. Pharm. Sci. 2018, 107, 1078-1084.	2.6	25
26	Evaluation of the in vitro release and permeation of Cordia verbenacea DC essential oil from topical dosage forms. Journal of Drug Delivery Science and Technology, 2019, 53, 101173.	3.0	8
27	Intranasal Tadalafil nanoemulsions: formulation, characterization and pharmacodynamic evaluation. Pharmaceutical Development and Technology, 2019, 24, 1083-1094.	2.4	19
28	Enhanced Skin Permeation of Hydrocortisone Using Nanoemulsion as Potential Vehicle. ChemistrySelect, 2019, 4, 10084-10091.	1.5	17
29	Improved Dissolution and Oral Bioavailability of Valsartan Using a Solidified Supersaturable Self-Microemulsifying Drug Delivery System Containing Gelucire® 44/14. Pharmaceutics, 2019, 11, 58.	4.5	23
30	Safety assessment of the pharmacological excipient, diethylene glycol monoethyl ether (DEGEE), using in vitro and in vivo systems. DARU, Journal of Pharmaceutical Sciences, 2019, 27, 219-231.	2.0	9
31	Chemical Enhancers or Transcutaneous Conductors: Transcutol. Pharmaceutical Chemistry Journal, 2019, 52, 879-884.	0.8	2
32	Formulation Strategies to Improve Nose-to-Brain Delivery of Donepezil. Pharmaceutics, 2019, 11, 64.	4.5	55
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34	Development of a UV-Stabilized Topical Formulation of Nifedipine for the Treatment of Raynaud Phenomenon and Chilblains. Pharmaceutics, 2019, 11, 594.	4.5	9
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36	Thiazolidinedione as an alternative to facilitate oral administration in geriatric patients with Alzheimer's disease. European Journal of Pharmaceutical Sciences, 2019, 129, 173-180.	4.0	10
37	Investigating the effect of transcutol on the physical properties of an O/W cream. Journal of Dispersion Science and Technology, 2020, 41, 600-606.	2.4	8

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39	Formulation of self-microemulsifying drug delivery system (SMEDDS) by D-optimal mixture design to enhance the oral bioavailability of a new cathepsin K inhibitor (HL235). International Journal of Pharmaceutics, 2020, 573, 118772.	5.2	28
40	Formulation, Characterization and Evaluation against SH-SY5Y Cells of New Tacrine and Tacrine-MAP Loaded with Lipid Nanoparticles. Nanomaterials, 2020, 10, 2089.	4.1	15
41	A New Approach to Ex Vivo Permeation Studies in In-Situ Film-Forming Systems. AAPS PharmSciTech, 2020, 21, 257.	3.3	3
42	Design of Non-Haemolytic Nanoemulsions for Intravenous Administration of Hydrophobic APIs. Pharmaceutics, 2020, 12, 1141.	4.5	12
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50	Solubility Determination of c-Met Inhibitor in Solvent Mixtures and Mathematical Modeling to Develop Nanosuspension Formulation. Molecules, 2021, 26, 390.	3.8	7
51	Permeability Enhancers in Transdermal Delivery System Technology (Review). Pharmaceutical Chemistry Journal, 2021, 54, 1162-1168.	0.8	4
52	Evaluation and Comparison of Solid Lipid Nanoparticles (SLNs) and Nanostructured Lipid Carriers (NLCs) as Vectors to Develop Hydrochlorothiazide Effective and Safe Pediatric Oral Liquid Formulations. Pharmaceutics, 2021, 13, 437.	4.5	53
53	Innovative Betulin Nanosuspension exhibits enhanced anticancer activity in a Triple Negative Breast Cancer Cell line and Zebrafish angiogenesis model. International Journal of Pharmaceutics, 2021, 600, 120511.	5.2	11
54	Dermal Delivery of Niacinamide—In Vivo Studies. Pharmaceutics, 2021, 13, 726.	4.5	12
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57	Intranasal artesunate-loaded nanostructured lipid carriers: A convenient alternative to parenteral formulations for the treatment of severe and cerebral malaria. Journal of Controlled Release, 2021, 334, 224-236.	9.9	21
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60	Tocotrienols-rich naringenin nanoemulgel for the management of diabetic wound: Fabrication, characterization and comparative in vitro evaluations. Current Research in Pharmacology and Drug Discovery, 2021, 2, 100019.	3.6	22
61	Biosurfactants as a Novel Additive in Pharmaceutical Formulations: Current Trends and Future Implications. Current Drug Metabolism, 2020, 21, 885-901.	1.2	18
62	Nanoemulsion and Solid Nanoemulsion for Improving Oral Delivery of a Breast Cancer Drug: Formulation, Evaluation, and a Comparison Study. Saudi Pharmaceutical Journal, 2021, 29, 1278-1288.	2.7	16
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76	Quinine: Redesigned and Rerouted. Processes, 2023, 11, 1811.	2.8	0
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