

PUBLICATION LIST: 2019-2020

S.No.	Staff Name	Journal Name	Title	Year, Volume/issue and Pg. No.	DOI
1.	P. Sai Harshita, Ch. Supriya, Selina Sravanthi, V. Jyothi, S. R. Peddi, Vijjulatha Manga, V. Saddanapu and T. SarithaJyostna*	International Journal of Pharmaceutical Sciences	Design Synthesis and Biological Evaluation of Dithiocarbamate Substituted 2-Aminobenzothiazole Derivatives as Proviral Integration Site of Moloney Murine Leukaemia Virus 1 Kinase Inhibitors	2020,82(6):1015-1024	10.36468/pharmaceutical-science, google scholar
2.	P. Sai Harshita, Ch. Supriya, Selina Sravanthi, V. Jyothi, S. R. Peddi, Vijjulatha Manga, V. Saddanapu and T. SarithaJyostna*	International Journal of Pharmaceutical Sciences	Design Synthesis and Biological Evaluation of Dithiocarbamate Substituted 2-Aminobenzothiazole Derivatives as Proviral Integration Site of Moloney Murine Leukaemia Virus 1 Kinase Inhibitors	2020,82(6):1015-1024	10.36468/pharmaceutical-science google scholar
3.	P. Sai Harshita, Ch. Supriya, Selina Sravanthi, V. Jyothi, S. R. Peddi, Vijjulatha Manga, V. Saddanapu and T. SarithaJyostna*	International Journal of Pharmaceutical Sciences	Design Synthesis and Biological Evaluation of Dithiocarbamate Substituted 2-Aminobenzothiazole Derivatives as Proviral Integration Site of Moloney Murine Leukaemia Virus 1 Kinase Inhibitors	2020,82(6):1015-1024	10.36468/pharmaceutical-science

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4.	AshmaMD, Munisireesha S, AnushaKotha, JyotiVemuri, Muzaffar-Ur- Rehman MD , SarithaJyost na T*	International Journal of Pharmaceutic al Research.	Dithiocarbamate Substituted Pyridine Derivatives: Insilico Design, Synthesis, Biological Activity and Docking Study onTubulin Receptor as Anticancer Agents	2020,13(3):1 246-1254. (April)	Google scholar. https://www.researchgate.net/publication/350911740
5.	AshmaMD, Munisireesha S, AnushaKotha, JyotiVemuri, Muzaffar-Ur- Rehman MD , SarithaJyost na T*	International Journal of Pharmaceutic al Research.	Dithiocarbamate Substituted Pyridine Derivatives: Insilico Design, Synthesis, Biological Activity and Docking Study onTubulin Receptor as Anticancer Agents	2020,13(3):1 246-1254. (April)	https://www.researchgate.net/publication/350911740
6.	AshmaMD, Munisireesha S, AnushaKotha, JyotiVemuri, Muzaffar-Ur- Rehman MD , SarithaJyost na T*	International Journal of Pharmaceutic al Research.	Dithiocarbamate Substituted Pyridine Derivatives: Insilico Design, Synthesis, Biological Activity and Docking Study onTubulin Receptor as Anticancer Agents	2020,13(3):1 246-1254. (April)	https://www.researchgate.net/publication/350911740
7.	Anuradhabai Sandala, P. Soma Yasaswi1*, A.Ravinderna th and K.S.K. Rao Patnaik	Journal of Chemical science	ADME-Tox predictions of3- benzimidazol-1-yl- 1-(4-- phenylpiperazine - 1-yl) propan-1-one and their derivatives.	2020,11(1) :1-10 (Feb)	https://www.researchgate.net/publication/350911740 22 ADME-Toxpredictions of 3-benzimidazol-1-yl-1-(4-phenyl piperazine-1-yl) propan-1-one and their derivatives , google scholar

8.	PSomayasaswi , P Sai Harshita, Anuradha Bai	Journal of Pharmaceutical and Medicinal Chemistry	Insilico Admet Predictions of Dihydropyrimidines using Swiss Adme,Pkcsm, Lazar and Protox.	2020,6(1):21-40 (Jan-June)	http://dx.doi.org/10.21088/jpmc.2395.66scholar.6120.4
9.	VijayaBoga* , R. Prasanthi	International Journal. of Pharmacy and Analytical Research	Biosimilars – an overview	2020,9(2):48-51.	
10.	VijayaBoga* , R. Prasanthi	International Journal. of Pharmacy and Analytical Research	Biosimilars – an overview	2020,9(2):48-51.	
11.	Jimmy Devi Oinam* , Theertha Nampally, Sushma Samboji	Journal of hospital pharmacy	To Analyze the Prescribing Pattern of Anti-hypertensive Drugs in Different Stages of Hypertension in Inpatient Admitted in a Tertiary Care Hospital in Hyderabad	14(4) ;2019:1-11	: http://www.journalofhospitalpharmacy.in ,
12	O. Jimmy Devi* , Sony Priyanka	Journal of hospital pharmacy	To analyze the prescribing pattern of anti-diabetic drugs and to find out patients with undiagnosed diabetes mellitus in in-patient ward of a tertiary care hospital in Hyderabad	14(3) , 2019:13-20	: http://www.journalofhospitalpharmacy.in ,
13	O. Jimmy Devi* , Sony Priyanka	Journal of hospital pharmacy	To analyze the prescribing pattern of anti-diabetic drugs and to find out patients with undiagnosed diabetes mellitus in in-patient ward of a tertiary care hospital	14(3) , 2019:13-20	: http://www.journalofhospitalpharmacy.in

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14	Karishma. Md*, Sattu Hemalatha ¹ and T. Maneshwar	International Journal of Pharmacy and Biological Sciences	Synthesis and Characterization of 2, 3- Disubstituted Quinazoline-4(3h)-Ones and Their Potential Biological Activity	(2019) 9 (3): 1188-1193	WOS, https://doi.org/10.21276/ijpbs.2019.9
15	*Hemalatha Sattu and Perla Swathi	WORLD JOURNAL OF PHARMACY AND PHARMACEUTICAL SCIENCES	SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL EVALUATION OF IMIDAZOLO-CHALCONE DERIVATIVES	Volume 8, Issue 1, 754-769, 2019	: 10.20959/wjpps20191-12805 , google scho

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Original Article

Insilico Admet Predictions of Dihydropyrimidinones using Swiss Adme, Pkcs, Lazar and Protoc.

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<http://dx.doi.org/10.21088/jpmc.2395.6615.6120.4>

Abstract

Drug development and discovery failures are attributed to poor pharmacokinetics, bioavailability, efficacy and toxicity. By monitoring the physicochemical properties of lead compounds, it has become feasible to increase the quality of drug candidates. Toxicity determination of chemicals is crucial to identify their deleterious effects on humans, Animals, plants and the environment. Numerous insilico models are thus developed for the prediction of Absorption, Distribution, Metabolism. Excretion (ADME) properties at the early stages of drug discovery to decrease the fraction of global pharmacokinetics related failures in the later phases of drug development. Dihydropyrimidinone derivatives possess a broad spectrum of biological activities like Antibacterial, Antifungal, Antiviral, Anticancer Antihypertensive activities. The objective of this study is to predict Pharmacokinetic, drug likeness properties and toxicity of Dihydropyrimidinone derivatives by using Swiss adme, PKCSM, Lazar and Pro toxsoftware's. All the compounds followed the Lipinski 'Rule of five' and showing good oral bioavailability. All the compounds were nontoxic except for Compound F6 which showed hepatotoxicity and reproductive toxicity.

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