

Nanduri-Publications (22ndOct,2021)

S.No	Authors	Title of article	Journal Name	Year	Indexed / Non-Indexed	Impact factor
1.	Malasala S, Parupalli R, Akunuri R, Shaik Mahammad Ghouse S M, Pawar G, Gour J, Nanduri S.	Lipase B Catalysed Condensation Reactions: Water Mediated Chemo-Enzymatic Synthesis of Different Heterocycles	Social Science Research Network org/10.2139/ssrn.3917484	2021	--	--
2.	Akunuri R, Veerareddy V, Kaul G, Akhir A, Unnissa T, Parupalli R, Madhavi YV, Chopra S, Nanduri S.	Synthesis and antibacterial evaluation of (E)-1-(1H-indol-3-yl) ethanone O-benzyl oxime derivatives against MRSA and VRSA strains.	Bioorg Chem. 2021 Aug 19;116:105288.	2021	Indexed	5.27
3.	Gaikwad NB, Bansode S, Biradar S, Ban M, Srinivas N , Godugu C, Yaddanapudi VM.	New 3-(1H-benzo[d]imidazol-2-yl)quinolin-2(1H)-one-based triazole derivatives: Design, synthesis, and biological evaluation as antiproliferative and apoptosis-inducing agents.	Arch Pharm (Weinheim). 2021 Aug 3:e2100074.	2021	Indexed	3.75
4.	Gaikwad NB, Bansod S, Mara A, Garise R, Srinivas N, Godugu C, Yaddanapudi VM.	Design, synthesis, and biological evaluation of N-(4-substituted)-3-phenylisoxazolo[5,4-d]pyrimidin-4-amine derivatives as apoptosis-inducing cytotoxic agents.	Bioorg Med Chem Lett. 2021 Oct 1;49:128294.	2021	Indexed	2.42
5.	Sahoo SK, Rani B, Gaikwad NB, Ahmad MN, Kaul G, Shukla M, Nanduri S, Dasgupta A, Chopra S, Yaddanapudi VM.	Synthesis and structure-activity relationship of new chalcone linked 5-phenyl-3-isoxazolecarboxylic acid methyl esters potentially active against drug resistant Mycobacterium tuberculosis.	Eur J Med Chem. 2021 Oct 15;222:113580.	2021	Indexed	6.51
6.	Nunewar S, Kumar S, Pandhare H, Nanduri	Rh(III)-Catalyzed Chemodivergent Annulations between	Org Lett. 2021 Jun 4;23(11):4233	2021	Indexed	6.09

	S, Kanchupalli V.	Indoles and Iodonium Carbenes: A Rapid Access to Tricyclic and Tetracyclic N-Heterocycles.	-4238			
7.	Akunuri, R.; Vadakattu, M.; Bujji, S.; Veerareddy, V.; Madhavi, Y. V.; Nanduri, S.	Fused-Azepinones: Emerging Scaffolds of Medicinal Importance.	European Journal of Medicinal Chemistry 2021,220 , 113445.	2021	Indexed	6.51
8.	Malasala, S.; Polomoni, A.; Chelli, S. M.; Kar, S.; Madhavi, Y. V.; Nanduri, S.	A Microwave-Assisted Copper-Mediated Tandem Approach for Fused Quinazoline Derivatives.	Org. Biomol. Chem. 2021,19 (8) , 1854–1859.	2021	Indexed	3.412
9.	Malasala, S.; Polomoni, A.; Ahmad, Md. N.; Shukla, M.; Kaul, G.; Dasgupta, A.; Chopra, S.; Nanduri, S.	Structure Based Design, Synthesis and Evaluation of New Thienopyrimidine Derivatives as Anti-Bacterial Agents.	Journal of Molecular Structure 2021,1234 , 130168.	2021	Indexed	2.463
10.	Kumar, S.; Nunewar, S.; Oluguttula, S.; Nanduri, S. ; Kanchupalli, V.	Recent Advances in Rh(III)/Ir(III)-Catalyzed C–H Functionalization/Annulation via Carbene Migratory Insertion.	Org. Biomol. Chem. 2021,19 (7) , 1438–1458.	2021	Indexed	2.463
11.	Nunewar, S.; Kumar, S.; Talakola, S.; Nanduri, S. ;Kanchupalli, V.	Co(III), Rh(III) & Ir(III)-Catalyzed Direct C–H Alkylation/Alkenylation/Arylation with Carbene Precursors.	Chem. Asian J. 2021,16 (5) , 443–459.	2021	Indexed	4.056
12.	Gaikwad, N. B.; Afroz, P.; Ahmad, M. N.; Kaul, G.; Shukla, M.; Nanduri, S. ; Dasgupta, A.; Chopra, S.; Yaddanapudi, V. M.	Design, Synthesis, in Vitro and in Silico Evaluation of New 3-Phenyl-4,5-Dihydroisoxazole-5-Carboxamides Active against Drug-Resistant Mycobacterium Tuberculosis.	Journal of Molecular Structure 2021,1227 , 129545.	2021	Indexed	2.463
13.	Gaikwad, N. B.; Nirmale, K.; Sahoo, S. K.; Ahmad, M. N.;	Design, Synthesis, in Silico, and in Vitro Evaluation of 3-	Archiv der Pharmazie 2021,354 (5) ,	2021	Indexed	2.590

	Kaul, G.; Shukla, M.; Nanduri, S. ; Gupta, A. D.; Chopra, S.; Yaddanapudi, M. V.	Phenylpyrazole Acetamide Derivatives as Antimycobacterial Agents.	2000349.			
14.	Malasala, S.; Ahmad, M. N.; Gour, J.; Shukla, M.; Kaul, G.; Akhir, A.; Gatadi, S.; Madhavi, Y. V.; Chopra, S.; Nanduri, S.	Synthesis, Biological Evaluation and Molecular Modelling Insights of 2-Arylquinazoline Benzamide Derivatives as Anti-Tubercular Agents.	Journal of Molecular Structure 2020 , 1218, 128493.	2020	Indexed	2.463
15.	Rana, P.; Ghouse, S. M.; Akunuri, R.; Madhavi, Y. V.; Chopra, S.; Nanduri, S.	FabI (Enoyl Acyl Carrier Protein Reductase) - A Potential Broad Spectrum Therapeutic Target and Its Inhibitors.	European Journal of Medicinal Chemistry 2020 , 208, 112757.	2020	Indexed	5.57
16.	Malasala, S.; Gour, J.; Ahmad, M. N.; Gatadi, S.; Shukla, M.; Kaul, G.; Madhavi, Y. V.; Dasgupta, A.; Chopra, S.; Nanduri, S.	Copper mediated one-pot synthesis of quinazolinones and exploration of piperazine linked quinazoline derivatives as anti-mycobacterial agents	RSC Advances 2020 , 10, 43533.	2020	Indexed	3.070
17.	Malasala, S.; Ahmad, M. N.; Akunuri, R.; Shukla, M.; Kaul, G.; Dasgupta, A.; Madhavi, Y. V.; Chopra, S.; Nanduri, S.	Synthesis and Evaluation of New Quinazoline-Benzimidazole Hybrids as Potent Anti-Microbial Agents against Multidrug Resistant Staphylococcus Aureus and Mycobacterium Tuberculosis.	European Journal of Medicinal Chemistry 2020 , 112996.	2020	Indexed	5.57
18.	Gatadi, S.; Madhavi, Y. V.; Nanduri, S.	Nanoparticle drug conjugates treating microbial and viral infections: A mini-review.	Journal of Molecular Structure 2020 , 129750.	2020	Indexed	2.463
19.	Srikanth Gatadi, GauthamiPulivendala, Jitendra Gour, SatyaveniMalasala, SushmithaBujji, RamuluParupalli,	Synthesis and evaluation of new 4 (3H)-Quinazolinone derivatives as potential anticancer agents	Journal of Molecular Structure. 2020 , 1200, 127097.	2020	Indexed	2.463

	Mujahid Shaikh, Chandraiah Godugu, Srinivas Nanduri					
20.	Srikanth Gatadi, Srinivas Nanduri	New Potential Drug Leads Against MDR-MTB: A Short Review	Bioorganic Chemistry. 2020 , 95, 103534.	2020	Indexed	3.926
21.	Jitendra Gour, Srikanth Gatadi, Venkatesh Pooladanda, Shaik Mahammad Ghouse, Satyaveni Malasala, YV Madhavi, Chandraiah Godugu, Srinivas Nanduri	Facile synthesis of 1, 2, 3-triazole-fused indolo- and pyrrolo [1, 4] diazepines, DNA-binding and evaluation of their anticancer activity	Bioorganic chemistry. 2019 , 93, 103306.	2019	Indexed	3.926
22.	Srikanth Gatadi, YV Madhavi, Sidharth Chopra, Srinivas Nanduri	Promising antibacterial agents against multidrug resistant Staphylococcus aureus	Bioorganic chemistry. 2019 , 92, 103252.	2019	Indexed	3.926
23.	Srikanth Gatadi, Jitendra Gour, Manjulika Shukla, Grace Kaul, Arunava Dasgupta, YV Madhavi, Sidharth Chopra, Srinivas Nanduri	Synthesis and evaluation of new quinazolin-4 (3H)-one derivatives as potent antibacterial agents against multidrug resistant Staphylococcus aureus and Mycobacterium tuberculosis	European journal of medicinal chemistry, 2019 , 175, 287.	2019	Indexed	4.833
24.	Nikhil Gaikwad, Srinivas Nanduri , YV Madhavi	Cinnamamide: An insight into the pharmacological advances and structure-activity relationships	European journal of medicinal chemistry. 2019 , 181, 111561.	2019	Indexed	4.833
25.	Srikanth Gatadi, Jitendra Gour, Srinivas Nanduri	Natural Product Derived Promising Anti-MRSA Drug Leads: A Mini-Review	Bioorganic and medicinal chemistry. 2019 , 27, 3760.	2019	Indexed	2.802
26.	Sai Giridhar Sarma Kandanur, Somanath Kundu, Christian Cadena, Homero San Juan, Avinash Bajaj, Juan David Guzman, Srinivas Nanduri , Nageswara Rao Golakoti	Design, synthesis, and biological evaluation of new 12-substituted-14-deoxy-andrographolide derivatives as apoptosis inducers	Chemical Papers, 2019 , 73, 1669.	2019	Indexed	1.246

27.	Jitendra Gour, Srikanth Gatadi, Satyaveni Malasala, Madhavi Venkata Yaddanpudi, Srinivas Nanduri	A Microwave-Assisted SmI ₂ -Catalyzed Direct N-Alkylation of Anilines with Alcohols	The Journal of organic chemistry. 2019 , 84, 7488.	2019	Indexed	4.745
28.	Sai Giridhar Sarma Kandanur, Nitesh Tamang, Nageswara Rao Golakoti, Srinivas Nanduri	Andrographolide: A natural product template for the generation of structurally and biologically diverse diterpenes	European journal of medicinal chemistry. 2019 , 176, 513.	2019	Indexed	4.833
29.	Srikanth Gatadi, T Vasanta Lakshmi, Srinivas Nanduri	4-(3H)-Quinazolinone derivatives: Promising antibacterial drug leads	European journal of medicinal chemistry. 2019 , 170, 157.	2019	Indexed	4.833
30.	Swetarka Das, Tanu Garg, Srinivas Nanduri , Arunava Dasgupta, Sidharth Chopra	Targeting DNA Gyrase to Combat Mycobacterium tuberculosis: An Update	Current topics in medicinal chemistry. 2019 , 19, 579.	2019	Indexed	3.442
31.	Srikanth Gatadi, Jitendra Gour, Manjulika Shukla, Grace Kaul, Arunava Dasgupta, YV Madhavi, Sidharth Chopra, Srinivas Nanduri	Synthesis and evaluation of new 4-oxoquinazolin-3(4H)-yl benzoic acid and benzamide derivatives as potent antibacterial agents effective against multidrug resistant.	Bioorganic chemistry. 2019 , 83, 569.	2019	Indexed	3.926
32.	Jitendra Gour, Srikanth Gatadi, Ravikumar Akunuri, Madhavi Venkata Yaddanpudi, Mushtaq Ahmad Nengroo, Dipak Datta, Sidharth Chopra, Srinivas Nanduri	Catalyst-free facile synthesis of polycyclic indole/pyrrole substituted-1, 2, 3-triazoles	Organic and biomolecular chemistry. 2019 , 17, 8153.	2019	Indexed	3.490
33.	Tim H Holmström, Anu-Maarit Moilanen, Tarjalkonen, Mari L Björkman, Tero Linnanen, Gerd Wohlfahrt, Stefan Karlsson, Riikka Oksala, Timo Korjamo,	ODM-203, a Selective Inhibitor of FGFR and VEGFR, Shows Strong Antitumor Activity, and Induces Antitumor Immunity	Molecular cancer therapeutics. 2019 , 18, 28.	2019	Indexed	4.856

	SusantaSamajdar, Srinivasan Rajagopalan, Shekar Chelur, Kishore Narayanan, Raghuveer K Ramachandra, Jiju Mani, Rashmi Nair, Nagaraj Gowda, Thomas Anthony, SamiullaDhodheri, Subhendu Mukherjee, Ravi K Ujjinamatada, Srinivas Nanduri , Murali Ramachandra, Pekka J Kallio					
34.	YV Madhavi, Nikhil Gaikwad, Veera Ganesh Yerra, Anil Kumar Kalvala, Srinivas Nanduri , Ashutosh Kumar	Targeting AMPK in diabetes and diabetic complications: energy homeostasis, autophagy and mitochondrial health	Current medicinal chemistry. 2019,26 , 5207.	2019	Indexed	3.469
35.	Srikanth Gatadi, Jitendra Gour, Grace Kaul, Manjulika Shukla, Arunava Dasgupta, Ravikumar Akunuri, Richa Tripathi, YV Madhavi, Sidharth Chopra, Srinivas Nanduri	Synthesis of new 3- phenylquinazolin-4 (3H)- one derivatives as potent antibacterial agents effective against methicillin-and vancomycin-resistant Staphylococcus aureus (MRSA and VRSA)	Bioorganic chemistry. 2018,81 , 175.	2018	Indexed	3.926
36.	Srikanth Gatadi, Jitendra Gour, Manjulika Shukla, Grace Kaul, Swetarka Das, Arunava Dasgupta, SatyaveniMalasala, Ramyasri Borra, YV Madhavi, Sidharth Chopra, Srinivas Nanduri	Synthesis of 1, 2, 3- triazole linked 4 (3H)- quinazolinones as potent antibacterial agents against multidrug-resistant Staphylococcus aureus	European journal of medicinal chemistry. 2018,157 , 1056.	2018	Indexed	4.833
37.	Jitendra Gour, Srikanth Gatadi, AtulyaNagarsenkar, Bathini Nagendra Babu, YV Madhavi, Srinivas Nanduri	Synthesis of Indolo[1,2-b]isoquinoline Derivatives by Lewis Acid-Catalyzed Intramolecular Friedel- Crafts Alkylation Reaction	European Journal of Organic Chemistry. 2018,22 , 2817.	2018	Indexed	3.029

38.	Sai GiridharSarmaKandanur, Srinivas Nanduri , Nageswara Rao Golakoti	Synthesis and biological evaluation of new C-12 (α/β)-(N-) sulfamoyl-phenylamino-14-deoxy-andrographolide derivatives as potent anti-cancer agents	Bioorganic and medicinal chemistry letters. 2017 ,27, 2854.	2017	Indexed	2.442
39.	SireshaBathina, Srinivas Nanduri , Undurti N Das	Streptozotocin produces oxidative stress, inflammation and decreases BDNF concentrations to induce apoptosis of RIN5F cells and type 2 diabetes mellitus in Wistar rats	Biochemical and biophysical research communication. 2017 ,486, 2, 406.	2017	Indexed	2.559
40.	SireshaBathina, Srinivas Nanduri ,Undurti N Das	BDNF protects pancreatic β cells (RIN5F) against cytotoxic action of alloxan, streptozotocin, doxorubicin and benzo (a) pyrene in vitro	Metabolism. 2016 ,65, 667.	2016	Indexed	5.777
41.	Sai GiridharSarmaKandanur, Nageswara Rao Golakoti, Srinivas Nanduri	Synthesis and in vitro cytotoxicity of novel C-12 substituted-14-deoxy-andrographolide derivatives as potent anti-cancer agents	Bioorganic and medicinal chemistry letters. 2015 ,25, 5781.	2015	Indexed	2.486
42.	Jakeer Pasha, Bhaskar Kandagatla, Saikat Sen, Guru Pavan Kumar Seerapu, SushmithaBujji, Devyani Halder, Srinivas Nanduri , Srinivas Oruganti	Amberlyst-15 catalyzed Povarov reaction of N-arylidene-1H-indazol-6- amines and indoles: a greener approach to the synthesis of exo-1,6,7,7a,12,12a-hexahydroindolo[3,2-c]pyrazolo[3,4-f]quinolines as potential sirtuin inhibitors	Tetrahedron Letters 56 (2015) 2289–2292	2015	Indexed	2.54
43.	Venkateshwar Rao Gummadi, Sujatha Rajagopalan, Chung-YengLooi, MohammadjavadPaydar, Girish AggundaRenukappa, Bharathi Raja Ainan, Narasimha Rao Krishnamurthy, Sunil	Discovery of 7-Azaindole based Anaplastic Lymphoma Kinase (ALK) Inhibitors: Wild Type & Mutant (L1196M) Active Compounds with Unique Binding Mode	Bioorganic & Medicinal Chemistry Letters, Volume 23, Issue 17, 1 September 2013, Pages 4911-4918	2013	Indexed	0.931

	Kumar Panigrahi, Kumari Mahasweta, Sangeetha Raghuramachandran, Manoj Rajappa, Anuradha Ramanathan, AnirudhaLakshminaras imhan, Murali Ramachandra, Pooi- Fong Wong, Mohammad Rais Mustafa, Srinivas Nanduri , Subramanian Hosahalli					
44.	Pradip K. Sasmal, Rashmi Talwar, J. Swetha, D. Balasubrahmanyam, B. Venkatesham, KhajiAbdul Rawoof, B. Neelima Devi, Vikram P. Jadhav, Sanjoy K. Khan, Priya Mohan, D. Srinivasa Reddy, Vijay Kumar Nyavanandi, Srinivas Nanduri , K. Shiva Kumar, M. Kannan, P. Srinivas, Prabhakar Nadipalli, Hira Chaudhury, V.J. Sebastian	Structure–Activity Relationship Studies of Novel Pyrazole & Imidazole Carbixamides as Cannabinoid-1 (CB1) Antagonists.	Bioorganic & Medicinal Chemistry Letters, Volume 21, Issue 16, 15 August 2011, Pages 4913- 4918	2011	Indexed	1.122
45.	Parthasarathi Das, C. Kiran Kumar, K. Naresh Kumar, Md. Innus, Javed Iqbal, Srinivas Nanduri	Dithiocarbamate&Cu Promoted One-Pot Synthesis of 2-(N- Substituted) - Aminobenzimidazoles & Related Heterocycles	Tetrahedron Letters 49 (2008) 992– 995	2008	Indexed	1.346
46.	Shaik JafarSadik Basha, Shaik Abdul Naveed, Nirbhay Kumar Tiwari, Dhanya Shashikumar, Syed Muzeeb, Thammera Ranjith Kumar, Nyavanandi Vijay Kumar, NadipalliPrabhakarRao	Concurrent determination of Ezetimibe and its phase-I and II metabolites by HPLC with UV detection: Quantitative application to various in vitro metabolic stability studies and for qualitative estimation in bile	Journal of Chromatogra phy B, 853 (2007) 88–96	2007	Indexed	1.368

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47.	Vijay Kumar Nyavanandi, Prabhakar Nadipalli, Srinivas Nanduri , AndraNaidub and Javed Iqbal	A cross metathesis approach for the synthesis of tedanolide and 13D-tedanolide: Stereo-selective synthesis of C3-C16 segment	Tetrahedron Letters 48 (2007) 6905–6911	2007	Indexed	1.448
48.	Vijay Kumar Nyavanandi, Srinivas Nanduri , S.; Vasudev, R.; Naidu, A.; Iqbal, J	Studies toward the total synthesis of tedanolide: stereo selective synthesis of the C (8)–C (17) segment	Tetrahedron Lett. 47, 6667, 2006	2006	Indexed	1.314
49.	Siva Sanjeeva Rao Thunuguntla, Vijay Kumar Nyavanandi, Srinivas Nanduri	A Facile Route for the synthesis of limonidilactone analogues from Andrographolide	Tetrahedron Lett. 45, 9357, 2004	2004	Indexed	1.30
50.	Srinivas Nanduri , Vijay Kumar Nyavanandi, Siva Sanjeeva Rao Thunuguntla, Sridevi Kasu, Mahesh Kumar Pallerla, P. Sai Ram, Sriram Rajagopal, R. Ajaya Kumar, Rajagopalan Ramanujam, J. Moses Babu, Krishnamurthi Vyas, A. Sivalakshmi Devi, G. Om Reddy and Venkateswarlu Akella	Synthesis & Structure - Activity Relationships of Andrographolide Analogues as Novel Cytotoxic Agents	Bio. Org. Med. Chem. Lett. 14, 4711, 2004	2004	Indexed	0.927
51.	Srinivas Nanduri , Vijay Kumar Nyavanandi, Siva Sanjeeva Rao Thunuguntla, Mahendar Velisoju, Sridevi Kasu, Sriram Rajagopal, R. Ajaya Kumar, R. Rajagopalan and Javed Iqbal	Novel routes for the generation of structurally diverse labdane diterpenes from andrographolide	Tetrahedron letters, 45, 4883, 2004	2004	Indexed	1.30
52.	R. Ajay Kumar, K. Sridevi, N. Vijay Kumar, Srinivas	Anticancer and immunomodulatory compounds from	Journal of Ethnopharmacology 92,	2004	Indexed	0.766

	Nanduri, S. Rajagopal	<i>Andrographis paniculata</i>	291, 2004			
53.	Chitkala Satyanarayana.; Dhanvanthri S. Devi.; R. Rajagopalan.; Nanduri Srinivas.; Sriram Rajagopal	DRF 3188: A novel semi-synthetic analog of andrographolide: Cellular response to MCF 7 breast cancer cells	BioMed Central Cancer, 2004	2004	Indexed	0.975
54.	Srinivas Nanduri ,Siva Sanjeeva Rao Thunuguntla, Vijay Kumar Nyavanandi,Sridevi Kasu,P. Mahesh Kumar,P. Sai Ram,Sriram Rajagopal,R. Ajaya Kumar, Dhanvanthri. S. Deevi, R.Rajagopalan,andA.V enkateswarlu.	Biological investigation and SAR studies of Azadirone from <i>Azadirachta indica</i> A.Juss	Bio. Org. Med. Chem. Lett. 13, 4111, 2003	2003	Indexed	0.865
55.	Srinivas Nanduri and Krishna Prasad Banstola	Neeflone, a new tetranor triterpenoid from the flowers of <i>azadirachta indica</i> A.Juss	Indian J Chem., 34 B, 1019, 1995	1995	Indexed	0.282
56.	P. Prabhakar, R. Gandhidasan, P. Venkateswara Raman, N.R.Krishna Swami, Srinivas Nanduri	De-O-Methyl Racemosol: A tetracyclic 2,2-dimethylchroman from the roots of <i>Bauhinia Racemosa</i>	Phytochemist ry, 36, 817, 1994	1994	Indexed	
57.	Subhashini K.S; R. Gandhidasan; P. Venkateswara Raman; N.R.Krishna Swami; Srinivas Nanduri	First Occurrence of Xanthone and isolation of a 6-ketodehydro rotenoid from <i>Dalbergia sissoids</i>	Phytochemist ry, 37, 911, 1994	1994	Indexed	