

Synthesis and anti-cancer screening of novel heterocyclic anti-cancer agents

MedChemComm

6, 1535-1543

DOI: [10.1039/c5md00219b](https://doi.org/10.1039/c5md00219b)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Synthesis and the Biological Activity of Phosphonylated 1,2,3-Triazolenaphthalimide Conjugates. <i>Molecules</i> , 2016, 21, 1420.	1.7	12
2	Crystal structures of (Z)-5-[2-(benzo[b]thiophen-2-yl)-1-(3,5-dimethoxyphenyl)ethenyl]-1H-tetrazole and (Z)-5-[2-(benzo[b]thiophen-3-yl)-1-(3,4,5-trimethoxyphenyl)ethenyl]-1H-tetrazole. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016, 72, 652-655.	0.2	1
3	A novel and efficient tributyltin azide-mediated synthesis of 1H-tetrazolylstilbenes from cyanostilbenes. <i>Tetrahedron Letters</i> , 2016, 57, 1807-1810.	0.7	10
4	Medicinal attributes of 1,2,3-triazoles: Current developments. <i>Bioorganic Chemistry</i> , 2017, 71, 30-54.	2.0	631
5	Green click synthesis of $\hat{1}^2$ -hydroxy-1,2,3-triazoles in water in the presence of a Cu($\hat{1}$)azide catalyst: a new function for Cu($\hat{1}$)azide complexes. <i>New Journal of Chemistry</i> , 2017, 41, 2658-2667.	1.4	48
6	Synthesis of new 1,2,3-triazole linked benzimidazole molecules as anti-proliferative agents. <i>Synthetic Communications</i> , 2017, 47, 825-834.	1.1	16
7	1,2,3-Triazole-nimesulide hybrid: Their design, synthesis and evaluation as potential anticancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 518-523.	1.0	45
8	Green ultrasound-assisted three-component click synthesis of novel 1H-1,2,3-triazole carrying benzothiazoles and fluorinated-1,2,4-triazole conjugates and their antimicrobial evaluation. <i>Acta Pharmaceutica</i> , 2017, 67, 309-324.	0.9	23
9	The 1,2,3-triazole ring as a bioisostere in medicinal chemistry. <i>Drug Discovery Today</i> , 2017, 22, 1572-1581.	3.2	464
10	Synthesis of Triazole Derivatives of Levoglucosenone As Promising Anticancer Agents: Effective Exploration of the Chemical Space through <i>retro-aza-Michael/aza-Michael Isomerizations</i> . <i>Journal of Organic Chemistry</i> , 2018, 83, 3516-3528.	1.7	25
11	Recent advances in trimethoxyphenyl (TMP) based tubulin inhibitors targeting the colchicine binding site. <i>European Journal of Medicinal Chemistry</i> , 2018, 151, 482-494.	2.6	162
12	Magnetically recoverable copper ferrite catalyzed cascade synthesis of 4-Aryl-1H-1,2,3-triazoles under microwave irradiation. <i>Tetrahedron Letters</i> , 2018, 59, 1587-1591.	0.7	26
13	Design, synthesis, ADME prediction and pharmacological evaluation of novel benzimidazole-1,2,3-triazole-sulfonamide hybrids as antimicrobial and antiproliferative agents. <i>Chemistry Central Journal</i> , 2018, 12, 110.	2.6	49
14	Eco-friendly <i>one-pot</i> synthesis of some new pyrazolo[1,2- <i>b</i>]phthalazinediones with antiproliferative efficacy on human hepatic cancer cell lines. <i>Green Chemistry Letters and Reviews</i> , 2018, 11, 264-274.	2.1	36
15	MMB triazole analogs are potent NF- $\hat{1}$ B inhibitors and anti-cancer agents against both hematological and solid tumor cells. <i>European Journal of Medicinal Chemistry</i> , 2018, 157, 562-581.	2.6	34
16	Impregnated copper ferrite on mesoporous graphitic carbon nitride: An efficient and reusable catalyst for promoting ligand-free click synthesis of diverse 1,2,3-triazoles and tetrazoles. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5219.	1.7	14
17	1,2,3-Triazole-containing hybrids as potential anticancer agents: Current developments, action mechanisms and structure-activity relationships. <i>European Journal of Medicinal Chemistry</i> , 2019, 183, 111700.	2.6	300
18	An orally antitumor chalcone hybrid inhibited HepG2 cells growth and migration as the tubulin binding agent. <i>Investigational New Drugs</i> , 2019, 37, 784-790.	1.2	20

#	ARTICLE	IF	CITATIONS
19	Synthesis of 2,1-Benzoisoxazole-Containing 1,2,3-Triazoles through Copper-Catalyzed Three-Component Domino Reactions of <i>o</i> -Bromoacetophenones, Aldehydes, and Sodium Azide. <i>Journal of Organic Chemistry</i> , 2020, 85, 2688-2696.	1.7	16
20	Crystal structure analysis and quantum chemical study of two macrocyclic compounds. <i>Journal of Molecular Structure</i> , 2020, 1204, 127434.	1.8	1
21	2H-1,2,3-Triazole-chalcones as novel cytotoxic agents against prostate cancer. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127454.	1.0	12
22	Design and synthesis of novel (Z)-5-((1,3-diphenyl-1H-pyrazol-4-yl)methylene)-3-((1-substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 molecular modeling studies. <i>Molecular Diversity</i> , 2021, 25, 2017-2033.	2.1	4
23	Synthesis, antimicrobial potency with in silico study of Boc-leucine-1,2,3-triazoles. <i>Steroids</i> , 2020, 161, 108675.	0.8	14
24	Mechanisms involved in the antinociceptive and anti-inflammatory effects of a new triazole derivative: 5-[1-(4-fluorophenyl)-1H-1,2,3-triazol-4-yl]-1H-tetrazole (LQFM-096). <i>Inflammopharmacology</i> , 2020, 28, 877-892.	1.9	20
25	Application of triazoles as bioisosteres and linkers in the development of microtubule targeting agents. <i>RSC Medicinal Chemistry</i> , 2020, 11, 327-348.	1.7	51
26	Synthesis and <i>in vitro</i> anti-proliferative evaluation of naphthalimide-chalcone/pyrazoline conjugates as potential SERMs with computational validation. <i>RSC Advances</i> , 2020, 10, 15836-15845.	1.7	15
27	Combretastatin A-4 sulfur-containing heterocyclic derivatives: Synthesis, antiproliferative activities and molecular docking studies. <i>European Journal of Medicinal Chemistry</i> , 2021, 215, 113275.	2.6	7
28	Synthesis and Structural Characterization of Isostructural 4-(4-Aryl)-2-(5-(4-fluorophenyl)-3-(1-(4-fluorophenyl)-5-methyl-1H-1,2,3-triazol-4-yl)-4,5-dihydro-1H-pyrazol-1-yl)thiazoles. <i>Crystals</i> , 2021, 11, 795.		6
29	Synthesis, biological evaluation and molecular docking studies of novel 1,2,3-triazole tethered chalcone hybrids as potential anticancer agents. <i>Journal of Molecular Structure</i> , 2020, 1217, 128356.	1.8	33
30	Developments in the Application of 1,2,3-Triazoles in Cancer Treatment. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2020, 15, 92-112.	0.8	40
31	Biobanked Glioblastoma Patient-Derived Organoids as a Precision Medicine Model to Study Inhibition of Invasion. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10720.	1.8	11
32	Ring Opening of Epoxides and Aziridines with Benzotriazoles Using Magnetically Retrievable Graphene Based (CoFe@rGO) Nanohybrid. <i>ChemistrySelect</i> , 2021, 6, 10149-10159.	0.7	0
33	Synthesis and cytotoxic effect of a few N-heteroaryl enamino amides and dihydropyrimidinethiones on AGS and MCF-7 human cancer cell lines. <i>Research in Pharmaceutical Sciences</i> , 2020, 15, 154.	0.6	3
34	Thiol-Functionalized Cellulose Wrapped Copperoxide as a Green Nano Catalyst for Regiospecific Azide-Alkyne Cycloaddition Reaction: Application in Rufinamide Synthesis. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 3428-3433.	1.3	7
35	Synthesis, Characterization and Antiviral Activity of Chrysin Derivatives. <i>Asian Journal of Chemistry</i> , 2021, 33, 2965-2971.	0.1	0
36	Triazole-estradiol analogs: A potential cancer therapeutic targeting ovarian and colorectal cancer. <i>Steroids</i> , 2022, 177, 108950.	0.8	6

#	ARTICLE	IF	CITATIONS
37	An Overview on Biological Activities of 1,2,3-Triazole Derivatives. <i>Materials Horizons</i> , 2022, , 401-423.	0.3	6
38	Synthesis, Characterization and Nanoformulation of Novel Sulfonamide-1,2,3-triazole Molecular Conjugates as Potent Antiparasitic Agents. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4241.	1.8	10
39	Synthesis, Spectroscopic Analysis, and In Vitro Anticancer Evaluation of 2-(Phenylsulfonyl)-2H-1,2,3-triazole. <i>MolBank</i> , 2022, 2022, M1387.	0.2	2
40	A solvent-free synthesis of 4-aryl- <i>NH</i> -1,2,3-triazoles from ketones utilizing diphenyl phosphorazidate. <i>Synthetic Communications</i> , 2022, 52, 1326-1335.	1.1	1
41	An Efficient Access to 5-(1,2,3-Triazol-1-yl)isoxazoles – Previously Unknown Structural Type of Triazole–isoxazole Hybrid Molecule. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	1.3	4
42	Recent Advances in Natural Product-Based Hybrids as Anti-Cancer Agents. <i>Molecules</i> , 2022, 27, 6632.	1.7	10
43	Synthesis of 1,2,3-Triazole-Containing 2,3-Dihydrofuran Derivatives, Evaluation of Anticancer Activity and Molecular Docking Studies. <i>ChemistrySelect</i> , 2022, 7, .	0.7	6
44	Recent Advances of Tubulin Inhibitors Targeting the Colchicine Binding Site for Cancer Therapy. <i>Biomolecules</i> , 2022, 12, 1843.	1.8	34
46	Triazoles. , 2023, , 105-115.		1