

Bruton's Tyrosine Kinase (BTK) Inhibitors in Clinical

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Genetic Abnormalities in Chronic Lymphocytic Leukemia: Where We Are and Where We Go. <i>BioMed Research International</i> , 2014, 2014, 1-13.	0.9	106
2	The Non-receptor Tyrosine Kinase Tec Controls Assembly and Activity of the Noncanonical Caspase-8 Inflammasome. <i>PLoS Pathogens</i> , 2014, 10, e1004525.	2.1	40
3	Disease-specific mutations in mature lymphoid neoplasms: Recent advances. <i>Cancer Science</i> , 2014, 105, 623-629.	1.7	14
4	Ibrutinib: From Molecule to Medicine. <i>UHOD - Uluslararası Hematoloji-Onkoloji Dergisi</i> , 2014, 24, 4-14.	0.1	0
5	Bruton's tyrosine kinase inhibitors and their clinical potential in the treatment of B-cell malignancies: focus on ibrutinib. <i>Therapeutic Advances in Hematology</i> , 2014, 5, 121-133.	1.1	57
6	Overcoming bortezomib resistance in multiple myeloma. <i>Biochemical Society Transactions</i> , 2014, 42, 804-808.	1.6	51
7	Mantle cell lymphoma: evolving management strategies. <i>Blood</i> , 2015, 125, 48-55.	0.6	155
8	Therapeutic potential of new B cell-targeted agents in the treatment of elderly and unfit patients with chronic lymphocytic leukemia. <i>Journal of Hematology and Oncology</i> , 2015, 8, 85.	6.9	29
9	Bruton's tyrosine kinase in chronic inflammation: from pathophysiology to therapy. <i>International Journal of Interferon, Cytokine and Mediator Research</i> , 2015, , 27.	1.1	1
10	A critical appraisal of ibrutinib in the treatment of mantle cell lymphoma and chronic lymphocytic leukemia. <i>Therapeutics and Clinical Risk Management</i> , 2015, 11, 979.	0.9	24
11	Covalent inhibitors in drug discovery: from accidental discoveries to avoided liabilities and designed therapies. <i>Drug Discovery Today</i> , 2015, 20, 1061-1073.	3.2	400
12	Phenotypic Approaches to Identify Inhibitors of B Cell Activation. <i>Journal of Biomolecular Screening</i> , 2015, 20, 876-886.	2.6	3
13	Ibrutinib for the treatment of Waldenström macroglobulinemia. <i>Expert Review of Hematology</i> , 2015, 8, 569-579.	1.0	14
14	Bruton's tyrosine kinase (Btk) is a useful marker for Hodgkin and B cell non-Hodgkin lymphoma. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2015, 466, 229-235.	1.4	23
15	Ibrutinib: A Review of Its Use in Patients with Mantle Cell Lymphoma or Chronic Lymphocytic Leukaemia. <i>Drugs</i> , 2015, 75, 769-776.	4.9	35
16	Phase II study of bendamustine combined with rituximab in relapsed/refractory mantle cell lymphoma: efficacy, tolerability, and safety findings. <i>Annals of Hematology</i> , 2015, 94, 2025-2032.	0.8	26
17	Pharmacodynamic considerations of small molecule targeted therapy for treating B-cell malignancies in the elderly. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2015, 11, 1371-1391.	1.5	6
18	Ibrutinib synergizes with MDM-2 inhibitors in promoting cytotoxicity in B chronic lymphocytic leukemia. <i>Oncotarget</i> , 2016, 7, 70623-70638.	0.8	21

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19	Mantle cell lymphoma in the era of precision medicine-diagnosis, biomarkers and therapeutic agents. <i>Oncotarget</i> , 2016, 7, 48692-48731.	0.8	51
20	Novel Pharmacotherapies for B-Cell Lymphomas and Leukemias. <i>American Journal of Therapeutics</i> , 2016, 23, e498-e520.	0.5	1
21	Stable isotope-labelled intravenous microdose for absolute bioavailability and effect of grapefruit juice on ibrutinib in healthy adults. <i>British Journal of Clinical Pharmacology</i> , 2016, 81, 235-245.	1.1	56
22	Dual TORK/DNA-PK inhibition blocks critical signaling pathways in chronic lymphocytic leukemia. <i>Blood</i> , 2016, 128, 574-583.	0.6	69
23	B cell receptor inhibition as a target for CLL therapy. <i>Best Practice and Research in Clinical Haematology</i> , 2016, 29, 2-14.	0.7	9
24	Discovery of 6-Fluoro-5-(<i>R</i>)-(3-(<i>S</i>)-(8-fluoro-1-methyl-2,4-dioxo-1,2-dihydroquinazolin-3(4 <i>H</i>)-yl)-2-methylphenyl)-2-(<i>S</i>)-(2-hydroxypropan-2-yl)-4-[2-methyl-3-(4-oxo-3,4-dihydroquinazolin-3-yl)phenyl]-9 <i>H</i> -carbazole-1-carboxamide (BMS-986142): A Reversible Inhibitor of Bruton's Tyrosine Kinase (BTK) Conformationally Constrained by Two Locked Atropisomers. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 9173-9200.	2.9	111
25	Small Molecule Reversible Inhibitors of Bruton's Tyrosine Kinase (BTK): Structure-Activity Relationships Leading to the Identification of 7-(2-Hydroxypropan-2-yl)-4-[2-methyl-3-(4-oxo-3,4-dihydroquinazolin-3-yl)phenyl]-9 <i>H</i> -carbazole-1-carboxamide (BMS-935177). <i>Journal of Medicinal Chemistry</i> , 2016, 59, 7915-7935.	2.9	41
26	Contemporary insights into the pathogenesis and treatment of chronic myeloproliferative neoplasms. <i>Leukemia and Lymphoma</i> , 2016, 57, 1517-1526.	0.6	4
27	Bruton's Tyrosine Kinase Inhibitors Prevent Therapeutic Escape in Breast Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 2198-2208.	1.9	43
28	Mechanisms of NF- κ B deregulation in lymphoid malignancies. <i>Seminars in Cancer Biology</i> , 2016, 39, 3-14.	4.3	24
29	A novel oncogenic BTK isoform is overexpressed in colon cancers and required for RAS-mediated transformation. <i>Oncogene</i> , 2016, 35, 4368-4378.	2.6	53
30	Ibrutinib for mantle cell lymphoma. <i>Future Oncology</i> , 2016, 12, 477-491.	1.1	8
31	Pitting new treatments for chronic lymphocytic leukemia against old ones: how do they fare?. <i>Expert Review of Hematology</i> , 2016, 9, 245-254.	1.0	2
32	Lenalidomide in chronic lymphocytic leukemia: the present and future in the era of tyrosine kinase inhibitors. <i>Critical Reviews in Oncology/Hematology</i> , 2016, 97, 291-302.	2.0	12
33	The role of Bruton's tyrosine kinase in autoimmunity and implications for therapy. <i>Expert Review of Clinical Immunology</i> , 2016, 12, 763-773.	1.3	103
34	Approaching the active conformation of 1,3-diaminopyrimidine based covalent inhibitors of Bruton's tyrosine kinase for treatment of Rheumatoid arthritis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1954-1957.	1.0	12
35	Two distinct molecular subtypes of chronic lymphocytic leukemia give new insights on the pathogenesis of the disease and identify novel therapeutic targets. <i>Leukemia and Lymphoma</i> , 2016, 57, 134-142.	0.6	3
36	Substitution scanning identifies a novel, catalytically active ibrutinib-resistant BTK cysteine 481 to threonine (C481T) variant. <i>Leukemia</i> , 2017, 31, 177-185.	3.3	40

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37	Design and Synthesis of Novel Pyrazolo[3,4-d]pyrimidin-4-yl piperidine Derivatives as Bruton's Tyrosine Kinase Inhibitors. Bulletin of the Korean Chemical Society, 2017, 38, 278-281.	1.0	5
38	Novel agents in mantle cell lymphoma. Expert Review of Anticancer Therapy, 2017, 17, 491-506.	1.1	7
39	Discovery of new BTK inhibitors with B cell suppression activity bearing a 4,6-substituted thieno[3,2-d]pyrimidine scaffold. RSC Advances, 2017, 7, 26060-26069.	1.7	8
40	The Transcriptional Landscape of p53 Signalling Pathway. EBioMedicine, 2017, 20, 109-119.	2.7	47
41	Population Pharmacokinetics and Exposure Response Assessment of CC-292, a Potent BTK Inhibitor, in Patients With Chronic Lymphocytic Leukemia. Journal of Clinical Pharmacology, 2017, 57, 1279-1289.	1.0	11
42	Potent Dual BET Bromodomain-Kinase Inhibitors as Value-Added Multitargeted Chemical Probes and Cancer Therapeutics. Molecular Cancer Therapeutics, 2017, 16, 1054-1067.	1.9	40
43	Ibrutinib inhibits pre-BCR+ B-cell acute lymphoblastic leukemia progression by targeting BTK and BLK. Blood, 2017, 129, 1155-1165.	0.6	64
44	Reply. Arthritis and Rheumatology, 2017, 69, 475-477.	2.9	0
45	Evolution of Small-Molecule Immunology Research—Changes Since CMC II. , 2017, , 395-419.		0
46	Kinase inhibitors: the road ahead. Nature Reviews Drug Discovery, 2018, 17, 353-377.	21.5	679
47	The development of Bruton's tyrosine kinase (BTK) inhibitors from 2012 to 2017: A mini-review. European Journal of Medicinal Chemistry, 2018, 151, 315-326.	2.6	129
48	Discovery and biological evaluation of N5-substituted 6,7-dioxo-6,7-dihydropteridine derivatives as potent Bruton's tyrosine kinase inhibitors. MedChemComm, 2018, 9, 697-704.	3.5	5
49	Targeting the cancer epigenome: synergistic therapy with bromodomain inhibitors. Drug Discovery Today, 2018, 23, 76-89.	3.2	39
50	Companion animals in comparative oncology: One Medicine in action. Veterinary Journal, 2018, 240, 6-13.	0.6	50
51	Emerging Biomarkers and Therapeutic Pipelines for Chronic Spontaneous Urticaria. Journal of Allergy and Clinical Immunology: in Practice, 2018, 6, 1108-1117.	2.0	47
52	Delineating the role of cooperativity in the design of potent PROTACs for BTK. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E7285-E7292.	3.3	265
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54	Discovery and Biological evaluation of pyrimido[4,5-d]pyrimidine-2,4(1H,3H)-dione derivatives as potent Bruton's tyrosine kinase inhibitors. Bioorganic and Medicinal Chemistry, 2019, 27, 3390-3395.	1.4	5

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55	Optimization of novel reversible Bruton's tyrosine kinase inhibitors identified using Tethering-fragment-based screens. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 2905-2913.	1.4	14
56	Structural mechanism for Bruton's tyrosine kinase activation at the cell membrane. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9390-9399.	3.3	49
57	Design, synthesis and evaluation of novel 7H-pyrrolo[2,3-d]pyrimidin-4-amine derivatives as potent, selective and reversible Bruton's tyrosine kinase (BTK) inhibitors for the treatment of rheumatoid arthritis. <i>European Journal of Medicinal Chemistry</i> , 2019, 169, 121-143.	2.6	21
58	Covalent binders in drug discovery. <i>Progress in Medicinal Chemistry</i> , 2019, 58, 1-62.	4.1	32
59	Emerging roles of and therapeutic strategies targeting BRD4 in cancer. <i>Cellular Immunology</i> , 2019, 337, 48-53.	1.4	86
60	Bruton's Tyrosine Kinase (BTK) Inhibitors as Sensitizing Agents for Cancer Chemotherapy. , 2019, , 109-124.		2
61	Fluorescence anisotropy imaging in drug discovery. <i>Advanced Drug Delivery Reviews</i> , 2019, 151-152, 262-288.	6.6	51
62	New 2,6,9-trisubstituted purine derivatives as Bcr-Abl and Btk inhibitors and as promising agents against leukemia. <i>Bioorganic Chemistry</i> , 2020, 94, 103361.	2.0	13
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64	Modeling the Antileukemia Activity of Ellipticine-Related Compounds: QSAR and Molecular Docking Study. <i>Molecules</i> , 2020, 25, 24.	1.7	19
65	Real-world outcomes for 205 patients with chronic lymphocytic leukemia treated with ibrutinib. <i>European Journal of Haematology</i> , 2020, 105, 646-654.	1.1	34
66	The Impact of Pre-existing Comorbidities and Therapeutic Interventions on COVID-19. <i>Frontiers in Immunology</i> , 2020, 11, 1991.	2.2	124
67	HZ-A-005, a potent, selective, and covalent Bruton's tyrosine kinase inhibitor in preclinical development. <i>Bioorganic Chemistry</i> , 2020, 105, 104377.	2.0	4
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69	Safety, pharmacokinetics and pharmacodynamics of branebrutinib (BMS986195), a covalent, irreversible inhibitor of Bruton's tyrosine kinase: Randomised phase I, placebo-controlled trial in healthy participants. <i>British Journal of Clinical Pharmacology</i> , 2020, 86, 1849-1859.	1.1	17
70	Transition metal complexes of 6-mercaptopurine: Characterization, Theoretical calculation, DNA-Binding, molecular docking, and anticancer activity. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6041.	1.7	33
71	Bruton's tyrosine kinase: an emerging targeted therapy in myeloid cells within the tumor microenvironment. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 2439-2451.	2.0	19
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73	Btk Inhibitors: A Medicinal Chemistry and Drug Delivery Perspective. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7641.	1.8	30
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75	The synthesis review of the approved tyrosine kinase inhibitors for anticancer therapy in 2015â€“2020. <i>Bioorganic Chemistry</i> , 2021, 113, 105011.	2.0	22
76	An update of new small-molecule anticancer drugs approved from 2015 to 2020. <i>European Journal of Medicinal Chemistry</i> , 2021, 220, 113473.	2.6	27
77	Bruton tyrosine kinase inhibitor ONO/GS-4059: from bench to bedside. <i>Oncotarget</i> , 2017, 8, 7201-7207.	0.8	27
78	Mastocytosis: a mutated KIT receptor induced myeloproliferative disorder. <i>Oncotarget</i> , 2015, 6, 18250-18264.	0.8	53
80	The Role of BTK Inhibition in the Treatment of Chronic Lymphocytic Leukemia: A Clinical View. <i>Journal of Experimental Pharmacology</i> , 2021, Volume 13, 923-935.	1.5	11
81	Chronic Spontaneous Urticaria: A Review of Pathological Mechanisms, Diagnosis, Clinical Management, and Treatment. <i>European Medical Journal (Chelmsford, England)</i> , 0, , 29-39.	3.0	1
82	Research Progress of BTK Inhibitors in the Treatment of Inflammatory and Autoimmune Diseases. <i>Hans Journal of Medicinal Chemistry</i> , 2022, 10, 70-83.	0.0	1
83	Dual-target Janus kinase (JAK) inhibitors: Comprehensive review on the JAK-based strategies for treating solid or hematological malignancies and immune-related diseases. <i>European Journal of Medicinal Chemistry</i> , 2022, 239, 114551.	2.6	11
84	BTK Inhibitors in Haematology: Beyond B Cell Malignancies. <i>Transfusion Medicine Reviews</i> , 2022, , .	0.9	0
85	Development of a UPLC-MS/MS method for the determination of orelabrutinib in rat plasma and its application in pharmacokinetics. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	2
86	Comparison of Intermolecular Interactions of Irreversible and Reversible Inhibitors with Brutonâ€™s Tyrosine Kinase via Molecular Dynamics Simulations. <i>Molecules</i> , 2022, 27, 7451.	1.7	1
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