

Bicyclic Peptides with Optimized Ring Size Inhibit Human Orthologues While Sparing Paralogous Proteases

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Prince of Asturias Award: R. A. Lerner and Sir G. P. Winter / Alfred Stock Memorial Prize: W. Uhl / Emil Fischer Medal: H. Waldmann / Wilhelm Klemm Prize: F. SchÃ¼th. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9732-9732.	7.2	0
3	Chemical Macrocyclization of Peptides Fused to Antibody Fc Fragments. <i>Bioconjugate Chemistry</i> , 2012, 23, 1856-1863.	1.8	27
4	Genetically Encoded Libraries of Nonstandard Peptides. <i>Journal of Nucleic Acids</i> , 2012, 2012, 1-15.	0.8	21
5	Bicyclic Peptide Ligands Pulled out of Cysteine-Rich Peptide Libraries. <i>Journal of the American Chemical Society</i> , 2013, 135, 6562-6569.	6.6	78
6	Phage selection of cyclic peptide antagonists with increased stability toward intestinal proteases. <i>Protein Engineering, Design and Selection</i> , 2013, 26, 81-89.	1.0	28
7	Phage selection of bicyclic peptides. <i>Methods</i> , 2013, 60, 46-54.	1.9	64
8	Phage display libraries of differently sized bicyclic peptides. <i>MedChemComm</i> , 2013, 4, 145-150.	3.5	42
10	Small Targeted Cytotoxics: Current State and Promises from DNA-Encoded Chemical Libraries. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1384-1402.	7.2	130
11	Scaffold optimization in discontinuous epitope containing protein mimics of gp120 using smart libraries. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 2676.	1.5	16
12	<i>In Vitro</i> Selection of Multiple Libraries Created by Genetic Code Reprogramming To Discover Macrocyclic Peptides That Antagonize VEGFR2 Activity in Living Cells. <i>ACS Chemical Biology</i> , 2013, 8, 1205-1214.	1.6	57
13	Development of a Selective Peptide Macrocyclic Inhibitor of Coagulation Factor XII toward the Generation of a Safe Antithrombotic Therapy. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 3742-3746.	2.9	53
14	Polycyclic Peptide Therapeutics. <i>ChemMedChem</i> , 2013, 8, 377-384.	1.6	63
15	Bicyclic Peptide Inhibitor of Urokinase-Type Plasminogen Activator: Mode of Action. <i>ChemBioChem</i> , 2013, 14, 2179-2188.	1.3	17
16	Molecular mechanisms of thrombosis. Fundamental and applied aspects of the contact activation. <i>Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology</i> , 2014, 8, 279-289.	0.3	1
17	Identification of target-binding peptide motifs by high-throughput sequencing of phage-selected peptides. <i>Nucleic Acids Research</i> , 2014, 42, e169-e169.	6.5	55
18	Tracking chemical reactions on the surface of filamentous phage using mass spectrometry. <i>Chemical Communications</i> , 2014, 50, 5267-5269.	2.2	9
19	Selection and Screening Strategies. , 2015, , 114-129.		1
20	Identification of Structure-Activity Relationships from Screening a Structurally Compact DNA-Encoded Chemical Library. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3927-3931.	7.2	86

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21	Phage Selection of Bicyclic Peptide Ligands of the Notch1 Receptor. <i>ChemMedChem</i> , 2015, 10, 1754-1761.	1.6	25
22	Design of Specific Serine Protease Inhibitors Based on a Versatile Peptide Scaffold: Conversion of a Urokinase Inhibitor to a Plasma Kallikrein Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 8868-8876.	2.9	16
24	Subunit disassembly and inhibition of TNF α by a semi-synthetic bicyclic peptide. <i>Protein Engineering, Design and Selection</i> , 2015, 28, 45-52.	1.0	32
25	Synthesis of a large library of macrocyclic peptides containing multiple and diverse N-alkylated residues. <i>Molecular BioSystems</i> , 2015, 11, 2770-2779.	2.9	16
26	Encoded libraries of chemically modified peptides. <i>Current Opinion in Chemical Biology</i> , 2015, 26, 89-98.	2.8	99
27	Small targeted cytotoxics from DNA-encoded chemical libraries. <i>Current Opinion in Chemical Biology</i> , 2015, 26, 72-79.	2.8	5
28	Small cyclic agonists of iron regulatory hormone hepcidin. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 4961-4969.	1.0	35
29	Challenges and opportunities for non-antibody scaffold drugs. <i>Drug Discovery Today</i> , 2015, 20, 1271-1283.	3.2	190
30	Side-chain-to-tail cyclization of ribosomally derived peptides promoted by aryl and alkyl amino-functionalized unnatural amino acids. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 5803-5812.	1.5	14
31	Development of Potent and Selective <i>S. aureus</i> Sortase A Inhibitors Based on Peptide Macrocycles. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 606-611.	1.3	37
32	Discovery and optimization of peptide macrocycles. <i>Expert Opinion on Drug Discovery</i> , 2016, 11, 1151-1163.	2.5	62
33	Silent Encoding of Chemical Post-Translational Modifications in Phage-Displayed Libraries. <i>Journal of the American Chemical Society</i> , 2016, 138, 32-35.	6.6	46
34	Bridged Analogues for p53-Dependent Cancer Therapy Obtained by S-Alkylation. <i>International Journal of Peptide Research and Therapeutics</i> , 2016, 22, 67-81.	0.9	8
35	Highly Constrained Bicyclic Scaffolds for the Discovery of Protease-Stable Peptides <i>via</i> mRNA Display. <i>ACS Chemical Biology</i> , 2017, 12, 795-804.	1.6	53
36	A peptide mimic of an antibody. <i>Science</i> , 2017, 358, 450-451.	6.0	6
37	Directing evolution: the next revolution in drug discovery?. <i>Nature Reviews Drug Discovery</i> , 2017, 16, 681-698.	21.5	70
38	Phage Selection of Cyclic Peptides for Application in Research and Drug Development. <i>Accounts of Chemical Research</i> , 2017, 50, 1866-1874.	7.6	117
39	Acylated heptapeptide binds albumin with high affinity and application as tag furnishes long-acting peptides. <i>Nature Communications</i> , 2017, 8, 16092.	5.8	101

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40	Stable and Long-Lasting, Novel Bicyclic Peptide Plasma Kallikrein Inhibitors for the Treatment of Diabetic Macular Edema. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 2823-2836.	2.9	37
41	Cyclization of peptides with two chemical bridges affords large scaffold diversities. <i>Nature Chemistry</i> , 2018, 10, 715-723.	6.6	113
42	A mini-review and perspective on multicyclic peptide mimics of antibodies. <i>Chinese Chemical Letters</i> , 2018, 29, 1063-1066.	4.8	17
43	Design of Small-Molecule Active-Site Inhibitors of the S1A Family Proteases as Procoagulant and Anticoagulant Drugs. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 3799-3822.	2.9	22
44	Nobelpreise 2018. <i>Angewandte Chemie</i> , 2018, 130, 14895-14895.	1.6	1
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47	A Genetically Encoded, Phage-Displayed Cyclic Peptide Library. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15904-15909.	7.2	64
48	Synthetic and biological approaches to map substrate specificities of proteases. <i>Biological Chemistry</i> , 2019, 401, 165-182.	1.2	15
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50	Discovery of Peptide Antibiotics Composed of α -Amino Acids. <i>ACS Chemical Biology</i> , 2019, 14, 1498-1506.	1.6	24
51	Bicyclic Peptides as a New Modality for Imaging and Targeting of Proteins Overexpressed by Tumors. <i>Cancer Research</i> , 2019, 79, 841-852.	0.4	33
52	RNA Display Methods for the Discovery of Bioactive Macrocycles. <i>Chemical Reviews</i> , 2019, 119, 10360-10391.	23.0	160
53	Cyclic peptides can engage a single binding pocket through highly divergent modes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26728-26738.	3.3	27
54	Identification and Optimization of EphA2-Selective Bicycles for the Delivery of Cytotoxic Payloads. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 4107-4116.	2.9	42
55	Discovery and development of plasma kallikrein inhibitors for multiple diseases. <i>European Journal of Medicinal Chemistry</i> , 2020, 190, 112137.	2.6	27
56	Phage Selection of Bicyclic Peptides Based on Two Disulfide Bridges. <i>Methods in Molecular Biology</i> , 2015, 1248, 119-137.	0.4	17
57	Structure-based design of small bicyclic peptide inhibitors of Cripto-1 activity. <i>Biochemical Journal</i> , 2020, 477, 1391-1407.	1.7	11

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59	Small Peptides as Modulators of Serine Proteases. <i>Current Medicinal Chemistry</i> , 2020, 27, 3686-3705.	1.2	6
60	Phage Display Selected Cyclic Peptide Inhibitors of Kallikrein-Related Peptidases 5 and 7 and Their <i>In Vivo</i> Delivery to the Skin. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 9735-9749.	2.9	1
61	Discovery of BT8009: A Nectin-4 Targeting Bicycle Toxin Conjugate for the Treatment of Cancer. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 14337-14347.	2.9	20
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63	Current development of bicyclic peptides. <i>Chinese Chemical Letters</i> , 2023, 34, 108026.	4.8	2
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