

Structure-Based Design of a Macrocyclic PROTAC

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Structure-Based Design of a Macrocyclic PROTAC. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1727-1734.	7.2	150
2	Understanding the Metabolism of Proteolysis Targeting Chimeras (PROTACs): The Next Step toward Pharmaceutical Applications. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 11615-11638.	2.9	69
3	PROsettaC: Rosetta Based Modeling of PROTAC Mediated Ternary Complexes. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 4894-4903.	2.5	110
4	Recent advances in epigenetic proteolysis targeting chimeras (Epi-PROTACs). <i>European Journal of Medicinal Chemistry</i> , 2020, 207, 112750.	2.6	12
5	Targeted Protein Degradation as a Promising Tool for Epigenetic Upregulation of Fetal Hemoglobin. <i>ChemMedChem</i> , 2020, 15, 2436-2443.	1.6	7
6	Automated Design of Macrocycles for Therapeutic Applications: From Small Molecules to Peptides and Proteins. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 12100-12115.	2.9	22
7	Structural Insights into PROTAC-Mediated Degradation of Bcl-xL. <i>ACS Chemical Biology</i> , 2020, 15, 2316-2323.	1.6	58
8	Understanding and Improving the Membrane Permeability of VH032-Based PROTACs. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 1732-1738.	1.3	83
9	Targeting epigenetic reader domains by chemical biology. <i>Current Opinion in Chemical Biology</i> , 2020, 57, 82-94.	2.8	20
10	Improved Accuracy for Modeling PROTAC-Mediated Ternary Complex Formation and Targeted Protein Degradation <i>via</i> New <i>In Silico</i> Methodologies. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 5234-5254.	2.5	80
11	The Potential of Proteolytic Chimeras as Pharmacological Tools and Therapeutic Agents. <i>Molecules</i> , 2020, 25, 5956.	1.7	14
12	Structure driven compound optimization in targeted protein degradation. <i>Drug Discovery Today: Technologies</i> , 2020, 37, 73-82.	4.0	18
13	Beute für das Proteasom: Gezielter Proteinabbau aus medizinischer Perspektive. <i>Angewandte Chemie</i> , 2020, 132, 15576-15595.	1.6	6
14	Prey for the Proteasome: Targeted Protein Degradation – A Medicinal Chemist's Perspective. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15448-15466.	7.2	102
15	Assays and technologies for developing proteolysis targeting chimera degraders. <i>Future Medicinal Chemistry</i> , 2020, 12, 1155-1179.	1.1	29
16	PROteolysis TArgeting Chimeras (PROTACs) as emerging anticancer therapeutics. <i>Oncogene</i> , 2020, 39, 4909-4924.	2.6	139
17	Proteolysis-targeting chimera (PROTAC) for targeted protein degradation and cancer therapy. <i>Journal of Hematology and Oncology</i> , 2020, 13, 50.	6.9	199
18	Proteolysis targeting chimeras (PROTACs) for epigenetics research. <i>Current Opinion in Chemical Biology</i> , 2020, 57, 8-16.	2.8	46

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19	Advances and Opportunities in Epigenetic Chemical Biology. <i>ChemBioChem</i> , 2021, 22, 17-42.	1.3	8
20	Building ubiquitination machineries: E3 ligase multi-subunit assembly and substrate targeting by PROTACs and molecular glues. <i>Current Opinion in Structural Biology</i> , 2021, 67, 110-119.	2.6	33
21	Snapshots and ensembles of BTK and cIAP1 protein degrader ternary complexes. <i>Nature Chemical Biology</i> , 2021, 17, 152-160.	3.9	61
22	Target Validation Using PROTACs: Applying the Four Pillars Framework. <i>SLAS Discovery</i> , 2021, 26, 474-483.	1.4	22
23	Traceless Staudinger ligation enabled parallel synthesis of proteolysis targeting chimera linker variants. <i>Chemical Communications</i> , 2021, 57, 1026-1029.	2.2	17
24	Major advances in targeted protein degradation: PROTACs, LYTACs, and MADTACs. <i>Journal of Biological Chemistry</i> , 2021, 296, 100647.	1.6	126
25	Mechanistic and Structural Features of PROTAC Ternary Complexes. <i>Methods in Molecular Biology</i> , 2021, 2365, 79-113.	0.4	32
26	Allosteric Modulation. , 2021, , .		0
28	Antibody-Mediated Delivery of Chimeric BRD4 Degraders. Part 2: Improvement of In Vitro Antiproliferation Activity and In Vivo Antitumor Efficacy. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 2576-2607.	2.9	91
29	Targeting Bromodomain and Extraterminal Proteins for Drug Discovery: From Current Progress to Technological Development. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 2419-2435.	2.9	74
30	Exploiting Folding and Degradation Machineries To Target Undruggable Proteins: What Can a Computational Approach Tell Us?. <i>ChemMedChem</i> , 2021, 16, 1593-1599.	1.6	4
31	From Conception to Development: Investigating PROTACs Features for Improved Cell Permeability and Successful Protein Degradation. <i>Frontiers in Chemistry</i> , 2021, 9, 672267.	1.8	77
32	Frontiers in PROTACs. <i>Drug Discovery Today</i> , 2021, 26, 2377-2383.	3.2	15
33	Advancing targeted protein degradation for cancer therapy. <i>Nature Reviews Cancer</i> , 2021, 21, 638-654.	12.8	251
34	Unifying Catalysis Framework to Dissect Proteasomal Degradation Paradigms. <i>ACS Central Science</i> , 2021, 7, 1117-1125.	5.3	15
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36	Protein degradation: a novel computational approach to design protein degrader probes for main protease of SARS-CoV-2. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 10905-10917.	2.0	21
37	Preclinical Studies of PROTACs in Hematological Malignancies. <i>Cardiovascular & Hematological Disorders Drug Targets</i> , 2021, 21, 7-22.	0.2	3

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38	Improved methods for targeting epigenetic reader domains of acetylated and methylated lysine. <i>Current Opinion in Chemical Biology</i> , 2021, 63, 132-144.	2.8	14
39	Post-translational lysine ac(et)ylation in health, ageing and disease. <i>Biological Chemistry</i> , 2022, 403, 151-194.	1.2	15
40	Reviewing the toolbox for degrader development in oncology. <i>Current Opinion in Pharmacology</i> , 2021, 59, 43-51.	1.7	4
41	Recent Developments in PROTAC-Mediated Protein Degradation: From Bench to Clinic. <i>ChemBioChem</i> , 2022, 23, .	1.3	105
42	A selective WDR5 degrader inhibits acute myeloid leukemia in patient-derived mouse models. <i>Science Translational Medicine</i> , 2021, 13, eabj1578.	5.8	67
44	An efficient strategy for digging protein-protein interactions for rational drug design - A case study with HIF-1 α /VHL. <i>European Journal of Medicinal Chemistry</i> , 2022, 227, 113871.	2.6	8
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46	Solution Conformations Shed Light on PROTAC Cell Permeability. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 107-114.	1.3	99
49	Current strategies for the design of PROTAC linkers: a critical review. <i>Exploration of Targeted Anti-tumor Therapy</i> , 2020, 1, .	0.5	140
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55	Integrative Modeling of PROTAC-Mediated Ternary Complexes. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 16271-16281.	2.9	51
56	Structural and Biophysical Principles of Degradator Ternary Complexes. <i>RSC Drug Discovery Series</i> , 2020, , 14-54.	0.2	1
57	Modulation of Phosphoprotein Activity by Phosphorylation Targeting Chimeras (PhosTACs). <i>ACS Chemical Biology</i> , 2021, 16, 2808-2815.	1.6	50
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61	Recent advances in induced proximity modalities. <i>Current Opinion in Chemical Biology</i> , 2022, 67, 102107.	2.8	13
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64	Proteolysis-Targeting Chimera (PROTAC): Is the Technology Looking at the Treatment of Brain Tumors?. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 854352.	1.8	9
65	Molecular glues modulate protein functions by inducing protein aggregation: A promising therapeutic strategy of small molecules for disease treatment. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 3548-3566.	5.7	11
67	Driving E3 Ligase Substrate Specificity for Targeted Protein Degradation: Lessons from Nature and the Laboratory. <i>Annual Review of Biochemistry</i> , 2022, 91, 295-319.	5.0	41
68	Inhibition mechanism of hydroxyproline-like small inhibitors to disorder HIF-VHL interaction by molecular dynamic simulations and binding free energy calculations. <i>Chinese Journal of Chemical Physics</i> , 2021, 34, 814-824.	0.6	0
69	Amide-to-Ester Substitution as a Strategy for Optimizing PROTAC Permeability and Cellular Activity. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 18082-18101.	2.9	61
70	Translational PK–PD for targeted protein degradation. <i>Chemical Society Reviews</i> , 2022, 51, 3477-3486.	18.7	17
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77	Proteolysis Targeting Chimeric Molecules: Tuning Molecular Strategies for a Clinically Sound Listening. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6630.	1.8	8
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79	Key Considerations in Targeted Protein Degradation Drug Discovery and Development. <i>Frontiers in Chemistry</i> , 0, 10, .	1.8	7

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89	PROTACs: The Future of Leukemia Therapeutics. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	3
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