

Resource Summary Report

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Protein preparation Wizard

RRID:SCR_016749

Type: Tool

Proper Citation

Protein preparation Wizard (RRID:SCR_016749)

Resource Information

URL: <https://www.schrodinger.com/protein-preparation-wizard>

Proper Citation: Protein preparation Wizard (RRID:SCR_016749)

Description: Software tool for correcting common structural problems and creating reliable, all atom protein models.

Synonyms: protein preparation wizard, Protein Preparation Wizard

Resource Type: simulation software, software application, software resource

Keywords: correcting, structural, problem, atom, protein, model, virtual, docking, method

Availability: Commercially available, Training available

Resource Name: Protein preparation Wizard

Resource ID: SCR_016749

Record Creation Time: 20220129T080332+0000

Record Last Update: 20260810T040650+0000

Ratings and Alerts

No rating or validation information has been found for Protein preparation Wizard.

No alerts have been found for Protein preparation Wizard.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Yang Q, et al. (2026) Molecular mechanism of resistance to lonafarnib conferred by mutations in the cysteine-rich region of respiratory syncytial virus fusion glycoprotein and discovery of a lonafarnib-derived antiviral PROTAC. *Journal of virology*, 100(1), e0148725.

Feher A, et al. (2026) A kinetic trap mechanism underlies hHv1 inhibition by NZ-58. *The Journal of general physiology*, 158(4).

Drabison T, et al. (2024) Systematic Evaluation of Tyrosine Kinase Inhibitors as OATP1B1 Substrates Using a Competitive Counterflow Screen. *Cancer research communications*, 4(9), 2489.

Pedersen CN, et al. (2024) Cryo-EM structure of the dopamine transporter with a novel atypical non-competitive inhibitor bound to the orthosteric site. *Journal of neurochemistry*, 168(9), 2043.

Yang Q, et al. (2022) Broad-spectrum chemicals block ROS detoxification to prevent plant fungal invasion. *Current biology : CB*, 32(18), 3886.

Morales-Bayuelo A, et al. (2022) New findings on ligand series used as SARS-CoV-2 virus inhibitors within the frameworks of molecular docking, molecular quantum similarity and chemical reactivity indices. *F1000Research*, 11, 914.

Wang Y, et al. (2022) Scutellarein attenuates atopic dermatitis by selectively inhibiting transient receptor potential vanilloid 3 channels. *British journal of pharmacology*, 179(20), 4792.

Guo X, et al. (2021) Structure and mechanism of a phage-encoded SAM lyase revises catalytic function of enzyme family. *eLife*, 10.

Ramadurgum P, et al. (2020) Simultaneous Control of Endogenous and User-Defined Genetic Pathways Using Unique ecDHFR Pharmacological Chaperones. *Cell chemical biology*, 27(5), 622.

Cherian C, et al. (2019) Marine bromophenols as an effective inhibitor of virulent proteins (peptidyl arginine deiminase, gingipain R and hemagglutinin A) in *Porphyromonas gingivalis*. *Archives of oral biology*, 100, 119.

Zhao Y, et al. (2019) Molecular Basis for Ligand Modulation of a Mammalian Voltage-Gated Ca²⁺ Channel. *Cell*, 177(6), 1495.

Matthew AN, et al. (2018) Molecular Mechanism of Resistance in a Clinically Significant Double-Mutant Variant of HCV NS3/4A Protease. *Structure (London, England : 1993)*, 26(10), 1360.

Borhade SR, et al. (2014) Inhibition of Insulin-Regulated Aminopeptidase (IRAP) by Arylsulfonamides. *ChemistryOpen*, 3(6), 256.