

Resource Summary Report

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Schrodinger

RRID:SCR_014879

Type: Tool

Proper Citation

Schrodinger (RRID:SCR_014879)

Resource Information

URL: <https://www.schrodinger.com/>

Proper Citation: Schrodinger (RRID:SCR_014879)

Description: Commercial organization which provides molecular and drug discovery software and services to researchers. American software company that develops chemical simulation software for use in pharmaceutical, biotechnology, and materials science research. Provides products ranging from general molecular modeling programs to a full suite of chemical simulation and drug design software, including ligand- and structure-based methods.

Synonyms: Schrodinger Inc.

Resource Type: commercial organization

Keywords: software solution, drug discovery, small molecule, computational chemistry

Resource Name: Schrodinger

Resource ID: SCR_014879

Alternate IDs: Wikidata: Q7432923, ISNI: 0000 0001 0903 5603, grid.421925.9, SCR_014879

Alternate URLs: <https://ror.org/05a3z6914>

Record Creation Time: 20220129T080322+0000

Record Last Update: 20260725T190803+0000

Ratings and Alerts

No rating or validation information has been found for Schrodinger.

No alerts have been found for Schrodinger.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 782 mentions in open access literature.

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

Webb J, et al. (2025) Molecular basis of DNA recognition by the HMG-box-C1 module of capicua. Structure (London, England : 1993).

Tang Q, et al. (2025) Gut bacterial L-lysine alters metabolism and histone methylation to drive dendritic cell tolerance. Cell reports, 44(1), 115125.

Bayoudh A, et al. (2025) Integrated Network Pharmacology and Molecular Dynamics Reveal Multi-Target Anticancer Mechanisms of Myrtus communis Essential Oils. Pharmaceuticals (Basel, Switzerland), 18(10).

Demoures B, et al. (2025) Repression of apelin Furin cleavage sites provides antimetastatic strategy in colorectal cancer. EMBO molecular medicine, 17(3), 504.

Bhogal I, et al. (2025) Identifying RAGE inhibitors as potential therapeutics for Alzheimer's disease via integrated in-silico approaches. Scientific reports, 15(1), 17730.

Nain VK, et al. (2025) A pH-dependent direct sulfhydrylation pathway is required for the pathogenesis of Mycobacterium tuberculosis. Communications biology, 8(1), 637.

Sharma A, et al. (2025) Production of Envelope Protein-Based Virus-like Particles of DENV?2 in and Investigation of Their Binding Interactions with Gallic Acid Derivatives of Glucose as Potential Drug Candidates. ACS omega, 10(30), 33090.

Choudhary S, et al. (2025) Repurposing FDA approved drugs for psoriasis indications through integrated molecular docking, one-SVM algorithm, and molecular dynamics simulation approaches. Scientific reports, 15(1), 21211.

Cucchi I, et al. (2025) MOLECULE: Molecular-dynamics and Optimized deep Learning for Entropy-regularized Classification and Uncertainty-aware Ligand Evaluation. Journal of chemical theory and computation, 21(18), 9186.

Aslam J, et al. (2025) Chemical finger-printing, antioxidant activity and in silico validation of phytometabolites of Oethochloa compressa. Scientific reports, 15(1), 41339.

Guiré R, et al. (2025) The inhibitory activities of two compounds from Securidaca longepedunculata Fresen on the acetylcholinesterase from wheat pest Schizaphis graminum Rondani: in silico analysis. Plant signaling & behavior, 20(1), 2444311.

Mitsuwan W, et al. (2025) Amebicidal and Antiadhesion Activities of *Knema retusa* Extract Against *Acanthamoeba triangularis* T4 Genotype on Contact Lenses and Modeling Simulation of Its Main Compound, E2N, Against *Acanthamoeba* Beta-Tubulin. *Scientifica*, 2025, 4311313.

Yoon JH, et al. (2025) Attenuation of senile pruritus by PAC-14028-mediated downregulation of the NF- κ B and MAPK pathways. *International journal of immunopathology and pharmacology*, 39, 3946320251321354.

Schirripa A, et al. (2025) Cdk6's functions are critically regulated by its unique C-terminus. *iScience*, 28(2), 111697.

Pan Y, et al. (2025) Traditional Chinese medicine-based therapeutics for Pediatric pneumonia-related acute lung injury and acute respiratory distress syndrome. *Scientific reports*, 15(1), 11708.

Gericke N, et al. (2025) Unveiling the substrate specificity of the ABC transporter Tba and its role in glycopeptide biosynthesis. *iScience*, 28(4), 112135.

Tran KN, et al. (2025) Novel intranasal delivery of sihosogansan demonstrates rapid antidepressant activity via GABAergic and BDNF/TrkB pathways: identification of potential bioactive quality markers. *Chinese medicine*, 20(1), 162.

Prakash O, et al. (2025) The post-reactive structures of *Leishmania major* UDP-sugar pyrophosphorylase provide insights into the product release mechanism. *Microbiology spectrum*, 13(11), e0091125.

Gholami A, et al. (2025) Combining kinetics and in silico approaches to evaluate bromhexine as an anti-pancreatic lipase agent for obesity management. *Scientific reports*, 15(1), 18420.

Chaudhary RK, et al. (2025) A multimodal approach for establishing ACTL6A and ERCC1 as chemoresistance genes in locally advanced head and neck cancer. *Frontiers in pharmacology*, 16, 1541987.