

Resource Summary Report

Generated by [RRID](#) on Aug 11, 2026

Zinc

RRID:SCR_008596

Type: Tool

Proper Citation

Zinc (RRID:SCR_008596)

Resource Information

URL: <http://blaster.docking.org/zinc/>

Proper Citation: Zinc (RRID:SCR_008596)

Description: Welcome to ZINC, a free database of commercially-available compounds for virtual screening. ZINC contains over 13 million purchasable compounds in ready-to-dock, 3D formats. ZINC is provided by the Shoichet Laboratory in the Department of Pharmaceutical Chemistry at the University of California, San Francisco (UCSF). To cite ZINC, please reference: Irwin and Shoichet, J. Chem. Inf. Model. 2005;45(1):177-82 PDF, DOI. We thank NIGMS for financial support (GM71896). There are release notes for ZINC 10. - We have a survey where you can give us feedback.

Synonyms: Zinc

Resource Type: data or information resource, database

Keywords: FASEB list

Resource Name: Zinc

Resource ID: SCR_008596

Alternate IDs: r3d100010372, nif-0000-31930

Alternate URLs: <https://doi.org/10.17616/R3JG77>, <https://doi.org/10.17616/R3JG77>

Record Creation Time: 20220129T080248+0000

Record Last Update: 20260811T043331+0000

Ratings and Alerts

No rating or validation information has been found for Zinc.

No alerts have been found for Zinc.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1047 mentions in open access literature.

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

Osman ST, et al. (2026) Repurposing SGLT2 and DPP-4 inhibitors for mild cognitive impairment in type 2 diabetes mellitus: Insights from proteomics, target prediction and molecular docking. *British journal of pharmacology*, 183(10), 2533.

Cisneros AF, et al. (2026) Paralog interference contributes to the preservation of genetic redundancy. *Current biology : CB*, 36(6), 1373.

Sumita M, et al. (2026) Molecular Design with Artificial Intelligence: Progress and Perspectives for Small Molecules. *Chemical reviews*, 126(5), 3007.

Su Z, et al. (2026) Pim1 Serves as a Therapeutic Target for Inflammatory Arthritis via Mitochondrial Metabolism and Th17 Cell Differentiation. *Research (Washington, D.C.)*, 9, 1137.

Alruwaili M, et al. (2026) Computational screening of natural inhibitors against *Plasmodium falciparum* kinases: Toward novel antimalarial therapies. *PloS one*, 21(1), e0339317.

Gelles JD, et al. (2026) A gated hydrophobic funnel within BAX binds bioactive lipids to potentiate pro-apoptotic function. *Nature communications*, 17(1).

Zhou Y, et al. (2026) Structure-guided discovery of non-catechol dopamine D1 receptor ligands with biased agonism and antagonism. *The Journal of biological chemistry*, 302(6), 113076.

Mansour GH, et al. (2026) Computational Discovery of Novel Monkeypox Virus DNA Polymerase Inhibitors from the Zinc20 Database. *Current issues in molecular biology*, 48(4).

Zhang Y, et al. (2026) Immune Infiltration-Related Genes as Potential Biomarkers and Predicted Targets for Renal Allograft Delayed Graft Function and Survival Outcome: An Integrated Machine Learning Approach and Drugs Analysis. *Mediators of inflammation*, 2026(1), e1451740.

Xiong J, et al. (2026) OBP-Mediated Molecular Mechanism Underlying the Olfactory Repellent Effect of *Mosla chinensis* Essential Oil Against *Culex quinquefasciatus*. *Genes*, 17(6).

Wang K, et al. (2026) Hypergraph learning with multi-dimensional metabolite feature extractions and static-dynamic attention mechanisms to fill missing reactions in metabolic networks. *Briefings in bioinformatics*, 27(3).

Kocaba? F, et al. (2026) Synthesis and Development of Novel Small-Molecule MEIS2 Inhibitors That Induce Cell Death in Breast Cancer Cells by Targeting the Homeobox Domain. *Pharmaceuticals (Basel, Switzerland)*, 19(6).

Khalil MS, et al. (2026) Microencapsulation of Monascus Red Pigment Using *Saccharomyces cerevisiae* Ghosts: Process Optimization and Characterization. *Probiotics and antimicrobial proteins*, 18(2), 1874.

de Araujo Neto MF, et al. (2026) Development of a Novel *Aedes aegypti* Repellent: An Integrated Approach Combining In Silico and Bioassays. *Chemistry & biodiversity*, 23(1), e01251.

Dhandapani R, et al. (2026) Nose-to-brain delivery of a SOD1-stabilizing small molecule ameliorates pathology in an ALS mouse model. *Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics*, 23(3), e00904.

El-Gammal MA, et al. (2026) Cilostazol mitigates amiodarone-induced pulmonary toxicity and fibrosis by regulating the cAMP/TGF- β 1 pathway-mediated epithelial-to-mesenchymal transition in rats. *Scientific reports*, 16(1).

Prochazkova J, et al. (2026) Discovery of Two Structurally Distinct Classes of Inhibitors Targeting the Nuclease MUS81 and Enhancing Efficacy of Chemotherapy in Cancer Cells. *Journal of medicinal chemistry*, 69(5), 5350.

Liu H, et al. (2026) A multi-target drug design method based on target feature fusion. *BMC bioinformatics*, 27(1).

Zhang J, et al. (2026) Functional characterization of angiogenesis genes in hepatocellular carcinoma via integrated bulk and single cell RNA sequencing. *Scientific reports*, 16(1), 2890.

Pandey M, et al. (2026) Deep docking, part 2: an amplified DDU platform for ultra-large virtual screening. *Chemical science*, 17(27), 13677.