Resource Summary Report

Generated by NIF on May 10, 2025

ChemAxon

RRID:SCR_004111
Type: Tool

Proper Citation

ChemAxon (RRID:SCR_004111)

Resource Information

URL: http://www.chemaxon.com/

Proper Citation: ChemAxon (RRID:SCR_004111)

Description: Commercial organization that provides cheminformatics software platforms, applications and services to optimize the value of chemistry information in life science and other R&D. This software enables structure visualization and management, property predictions and calculations, virtual synthesis, screening, clustering and drug design.

Abbreviations: ChemAxon

Synonyms: ChemAxon Kft., ChemAxon Kutat??-Fejleszt Kft.

Resource Type: commercial organization

Keywords: platform, cheminformatics, chemistry, toolkit

Funding:

Resource Name: ChemAxon

Resource ID: SCR_004111

Alternate IDs: nlx_158589

Record Creation Time: 20220129T080222+0000

Record Last Update: 20250420T014208+0000

Ratings and Alerts

No rating or validation information has been found for ChemAxon.

No alerts have been found for ChemAxon.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1207 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Chen X, et al. (2025) Substrate and inhibitor specificity of Plasmodium nucleoside transporters ENT1 orthologs. The Journal of biological chemistry, 301(2), 108115.

Tan YS, et al. (2025) Development of Receptor Desolvation Scoring and Covalent Sampling in DOCK 6: Methods Evaluated on a RAS Test Set. Journal of chemical information and modeling, 65(2), 722.

Baldwin AG, et al. (2025) Discovery of MDI-114215: A Potent and Selective LIMK Inhibitor To Treat Fragile X Syndrome. Journal of medicinal chemistry, 68(1), 719.

Gómez-Sacristán P, et al. (2025) Inactive-enriched machine-learning models exploiting patent data improve structure-based virtual screening for PDL1 dimerizers. Journal of advanced research, 67, 185.

Thorsen TS, et al. (2025) Structural basis of THC analog activity at the Cannabinoid 1 receptor. Nature communications, 16(1), 486.

Kuhne S, et al. (2025) Probing the Histamine H1 Receptor Binding Site to Explore Ligand Binding Kinetics. Journal of medicinal chemistry, 68(1), 448.

Gonda I, et al. (2025) The mycobacterial ABC transporter IrtAB employs a membrane-facing crevice for siderophore-mediated iron uptake. Nature communications, 16(1), 1133.

Liu Z, et al. (2025) Anti-Neuroinflammatory Effects of Prenylated Indole Alkaloids from the Antarctic Fungus Aspergillus sp. Strain SF-7367. Molecules (Basel, Switzerland), 30(2).

Chiera F, et al. (2025) An overview on olfaction in the biological, analytical, computational, and machine learning fields. Archiv der Pharmazie, 358(1), e2400414.

Ireland D, et al. (2025) Distinguishing classes of neuroactive drugs based on computational physicochemical properties and experimental phenotypic profiling in planarians. PloS one, 20(1), e0315394.

Warschkau D, et al. (2025) Proteomic identification of a Toxoplasma gondii sporozoite-specific antigen using HDAC3 inhibitor-treated tachyzoites as surrogate. FEMS microbes, 6, xtae034.

Nguyen HT, et al. (2025) Synthesis, cytotoxicity, apoptosis-inducing activity and molecular docking studies of novel isatin-podophyllotoxin hybrids. RSC advances, 15(4), 2825.

Brunet M, et al. (2025) An atlas of metabolites driving chemotaxis in prokaryotes. Nature communications, 16(1), 1242.

Herrera LPT, et al. (2025) GPCRdb in 2025: adding odorant receptors, data mapper, structure similarity search and models of physiological ligand complexes. Nucleic acids research, 53(D1), D425.

Paterson S, et al. (2025) Microalga Nannochloropsis gaditana as a Sustainable Source of Bioactive Peptides: A Proteomic and In Silico Approach. Foods (Basel, Switzerland), 14(2).

Umehara E, et al. (2025) In Vitro and In Vivo Evaluation of the Antischistosomal Activity of Polygodial and 9-Deoxymuzigadial Isolated from Drimys brasiliensis Branches. Molecules (Basel, Switzerland), 30(2).

Haufe Y, et al. (2024) Symmetrical Bispyridinium Compounds Act as Open Channel Blockers of Cation-Selective Ion Channels. ACS pharmacology & translational science, 7(3), 771.

Manjunathan R, et al. (2024) High molecular weight heparin-induced angiogenesis mainly mediated via basic fibroblast growth factor-2- an in-vivo (CAM) and in-silico analysis. Biochemistry and biophysics reports, 37, 101609.

Han M, et al. (2024) Machine learning coupled with causal inference to identify COVID-19 related chemicals that pose a high concern to drinking water. iScience, 27(2), 109012.

Karoui S, et al. (2024) Design and Synthesis of Novel N-Benzylidene Derivatives of 3-Amino-4-imino-3,5-dihydro-4H-chromeno[2,3-d]pyrimidine under Microwave, In Silico ADME Predictions, In Vitro Antitumoral Activities and In Vivo Toxicity. Pharmaceuticals (Basel, Switzerland), 17(4).