Resource Summary Report

Generated by RRID on Aug 11, 2026

ACD/ChemSketch

RRID:SCR_019272
Type: Tool

Proper Citation

ACD/ChemSketch (RRID:SCR_019272)

Resource Information

URL: https://www.acdlabs.com/products/draw_nom/draw/chemsketch/index.php

Proper Citation: ACD/ChemSketch (RRID:SCR_019272)

Description: Software tool as molecular structure drawing application by ACD Labs. Allows user to Draw chemical structures, reactions, and schema, and access variety of graphical tools and templates, Generate names from molecular structure and vice versa, Calculate molecular properties from chemical structure, Create professional reports, presentations, and publication ready figures, Communicate scientific information with clarity and ease.

Synonyms: ChemSketch

Resource Type: software application, software resource

Keywords: Chemical structure, molecular structure, drawing application, generate molecular structure names, calculate molecular properties, create professional reports, ACD Labs

Availability: Restricted

Resource Name: ACD/ChemSketch

Resource ID: SCR_019272

Record Creation Time: 20220129T080344+0000

Record Last Update: 20260810T040725+0000

Ratings and Alerts

No rating or validation information has been found for ACD/ChemSketch.

No alerts have been found for ACD/ChemSketch.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Matar IK, et al. (2026) Coumarin-Augmented Thiazole Hybrids as Dual Anticancer and Antibacterial Agents. Chemical biology & drug design, 107(2), e70261.

Cebollada P, et al. (2026) Limonene and its metabolite perillyl alcohol inhibit Chlamydia trachomatis growth by altering host isoprenoid metabolism. Natural products and bioprospecting, 16(1).

Endaya BB, et al. (2025) Regenerating liver uses ammonia to support de novo pyrimidine synthesis and cell proliferation. Nature communications, 16(1), 9664.

Faustino M, et al. (2025) In silico, in vitro, and in vivo characterization of thiamin-binding proteins from plant seeds. The Biochemical journal, 482(4), 181.

Sin YC, et al. (2025) Sorbate induces lysine sorbylation through noncanonical activities of class I HDACs to regulate the expression of inflammation genes. Science advances, 11(22), eadv1071.

Anaia RA, et al. (2025) Ontogeny and organ-specific steroidal glycoside diversity is associated with differential expression of steroidal glycoside pathway genes in two Solanum dulcamara leaf chemotypes. Plant biology (Stuttgart, Germany), 27(5), 651.

Oztepe M, et al. (2025) Anticancer activity mechanism of novelly synthesized and characterized benzofuran ring-linked 3-nitrophenyl chalcone derivative on colon cancer cells. Open medicine (Warsaw, Poland), 20(1), 20251310.

Clarke N, et al. (2022) In Silico Design and SAR Study of Dibenzyl Trisulfide Analogues for Improved CYP1A1 Inhibition. ChemistryOpen, 11(5), e202200016.

Erguven M, et al. (2022) Enzymatic Generation of Double-Modified AdoMet Analogues and Their Application in Cascade Reactions with Different Methyltransferases. Chembiochem : a European journal of chemical biology, 23(24), e202200511.

Pedersoli WR, et al. (2021) Analysis of the phosphorylome of trichoderma reesei cultivated on sugarcane bagasse suggests post-translational regulation of the secreted glycosyl hydrolase Cel7A. Biotechnology reports (Amsterdam, Netherlands), 31, e00652.

Rosell-Hidalgo A, et al. (2021) QSAR and molecular docking for the search of AOX inhibitors: a rational drug discovery approach. Journal of computer-aided molecular design, 35(2), 245.

Saliu IO, et al. (2021) Reduction of anoxia-induced bioenergetic disturbance in astrocytes by methanol fruit extract of Tetrapleura tetraptera and in silico evaluation of the effect of its antioxidative constituents on excitotoxicity. Toxicology reports, 8, 264.

Gurung AB, et al. (2021) Molecular docking and dynamics simulation study of bioactive compounds from Ficus carica L. with important anticancer drug targets. PloS one, 16(7), e0254035.

Patel SM, et al. (2021) Kinetics of human pyrroline-5-carboxylate reductase in L-thioproline metabolism. Amino acids, 53(12), 1863.

Sanchez-Muñoz R, et al. (2020) A Novel Hydroxylation Step in the Taxane Biosynthetic Pathway: A New Approach to Paclitaxel Production by Synthetic Biology. Frontiers in bioengineering and biotechnology, 8, 410.

Przybylska D, et al. (2020) Cornus mas L. Stones: A Valuable By-Product as an Ellagitannin Source with High Antioxidant Potential. Molecules (Basel, Switzerland), 25(20).

Coelho C, et al. (2020) Biochemical screening for SARS-CoV-2 main protease inhibitors. PloS one, 15(10), e0240079.

Zondagh LS, et al. (2020) Design, synthesis and biological evaluation of edaravone derivatives bearing the N-benzyl pyridinium moiety as multifunctional anti-Alzheimer's agents. Journal of enzyme inhibition and medicinal chemistry, 35(1), 1596.

Crespo I, et al. (2018) Design, synthesis, structure-activity relationships and X-ray structural studies of novel 1-oxopyrimido[4,5-c]quinoline-2-acetic acid derivatives as selective and potent inhibitors of human aldose reductase. European journal of medicinal chemistry, 152, 160.

Villaseñor A, et al. (2014) A pilot study of plasma metabolomic patterns from patients treated with ketamine for bipolar depression: evidence for a response-related difference in mitochondrial networks. British journal of pharmacology, 171(8), 2230.