

Resource Summary Report

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ChemSpider

RRID:SCR_006360

Type: Tool

Proper Citation

ChemSpider (RRID:SCR_006360)

Resource Information

URL: <http://www.chemspider.com/>

Proper Citation: ChemSpider (RRID:SCR_006360)

Description: Collection of chemical structures. Provides access to structures, properties and associated information from hundreds of data sources to find compounds of interest and provides services to improve this data by curation and annotation and to integrate it with users applications.

Abbreviations: ChemSpider

Resource Type: data access protocol, data or information resource, database, mobile app, service resource, software application, software resource, web service

Keywords: collection, chemical, structure, property, data, compound, bio.tools, FASEB list

Funding: GGA Software Services ;
Waters

Availability: Free, Freely available, Registration required for some sites

Resource Name: ChemSpider

Resource ID: SCR_006360

Alternate IDs: nlx_152101, biotools:chemspider, r3d100010205

Alternate URLs: <https://bio.tools/chemspider>, <https://doi.org/10.17616/R38P4P>

Record Creation Time: 20220129T080235+0000

Record Last Update: 20260821T193804+0000

Ratings and Alerts

No rating or validation information has been found for ChemSpider.

No alerts have been found for ChemSpider.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2112 mentions in open access literature.

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

Wang Y, et al. (2026) Enterocytes rely on purine biosynthesis/salvage pathway to facilitate dietary fat absorption. *Nature communications*, 17(1).

Baek S, et al. (2026) Lancemaside A Derived from *Codonopsis lanceolata* Shoots Modulates the Immunostimulatory Responses by Enhancing TLR4 Signaling Pathway in RAW 264.7 Macrophages. *Journal of microbiology and biotechnology*, 36, e2510044.

Wang Y, et al. (2026) Enhancement of Disease Resistance in Pengze Crucian Carp (*Carassius auratus* var. *Pengze*) by Carvacrol Through Modulation of Intestinal Microbiota and Serum Metabolism. *Metabolites*, 16(3).

Ma K, et al. (2026) Integrated UHPLC-Q-TOF/MS and Liver-on-a-Chip Evaluation of Chemical Composition Changes and Hepatotoxicity Differences in Yaomu Before and After Fermentation. *Molecules (Basel, Switzerland)*, 31(6).

Guo W, et al. (2026) Identification and characterization of a lipopolysaccharide binding, anti-inflammatory protein from *Parabacteroides distasonis*. *Gut microbes*, 18(1), 2650007.

Mahayasih PGMW, et al. (2026) Targeting Skin Aging at Multiple Fronts: Integrated In Silico and In Vitro Evidence of Antioxidant, Anti-Protease, and UVB-Protective Effects of *Vitex trifolia*. *International journal of molecular sciences*, 27(4).

Besbes M, et al. (2026) Chemical Profiling, Analgesic and Anti-Inflammatory Activities of *Farsetia aegyptia* and *Zilla spinosa*: Integrated In Vitro, In Vivo, and In Silico Studies. *Plants (Basel, Switzerland)*, 15(4).

Zhang X, et al. (2026) Integrating Metabolomics and Proteomics to Reveal the Regulatory Network Governing the Natural Variation in Rice Seed Germination Rate. *Plants (Basel, Switzerland)*, 15(4).

Zhang X, et al. (2026) TRMT6 mitigates susceptibility and progression of DSS-induced colitis multifacetedly via translational regulation. *Scientific reports*, 16(1), 6809.

Taoussi O, et al. (2026) 5-Methyl etodesnitazene human metabolism: LC-ESI $\pm$ -HRMS/MS analysis (mono- and di-protonation) of human hepatocyte incubations and positive biospecimens. *Analytical and bioanalytical chemistry*, 418(12), 3679.

Sreekala D, et al. (2026) First report of therapeutic investigation and metabolic profiling of edible mushroom *Agaricus flocculosipes*. *AMB Express*, 16(1).

Spaggiari L, et al. (2026) Untargeted Metabolomic Analysis of Cell-Free Supernatants (CFSs) from Different Clinical Isolates of *Saccharomyces cerevisiae* and Their Effects on *Candida albicans* Virulence. *Journal of fungi* (Basel, Switzerland), 12(2).

Zhang Y, et al. (2026) MolGramTreeNet: A multimodal molecular property prediction model via grammar tree-constrained molecular representation. *iScience*, 29(3), 114928.

Mohammadi M, et al. (2026) Design and Synthesis of 2-En-4-Ynedioate Compounds as Novel and Potential Antifungal Agents. *BioMed research international*, 2026(1), e5560073.

Ni Z, et al. (2026) Dauricine Mitigates Hypoxia Through Targeting ESR1, PIK3CA, and MTOR: A Network Pharmacology and Molecular Dynamics Simulation Investigation. *Current issues in molecular biology*, 48(6).

Fahmy MA, et al. (2026) Enhanced Biodegradation of Cyantraniliprole in Aqueous Systems by Novel Bacterial Consortia: Optimization, Degradation Efficiency, and Bioremediation Potential. *Microorganisms*, 14(6).

Al-Hamoud GA, et al. (2026) Eco-Friendly Synthesis of *Cynara scolymus* Extract-Mediated Nickel Oxide Nanoparticles for Antibacterial and Catalytic Wastewater Applications: Experimental and Molecular Docking Evidence. *Bioinorganic chemistry and applications*, 2026, 6965791.

Robinson JY, et al. (2026) Desorption Electrospray Ionization-Mass Spectrometry Imaging Provides Spatiochemical Information on Potential Biocontrol Agents against *Phytophthora capsici* Infection in Tomato Plants. *Journal of the American Society for Mass Spectrometry*, 37(6), 1465.

Flörl L, et al. (2026) Grape expectations: disentangling environmental drivers of microbiome establishment in winegrowing ecosystems. *NPJ biofilms and microbiomes*, 12(1), 49.

Brumovska V, et al. (2026) Quantitative Mapping of the Lipid Nanoenvironment around Transmembrane Proteins in Living Cells. *ACS nano*, 20(3), 3019.