

Resource Summary Report

Generated by [RRID](#) on Aug 10, 2026

[PlayMolecule](#)

RRID:SCR_024954

Type: Tool

Proper Citation

PlayMolecule (RRID:SCR_024954)

Resource Information

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

Proper Citation: PlayMolecule (RRID:SCR_024954)

Description: Virtual environment for drug discovery where simulations, AI and data are integrated to discover new opportunities. Online platform for drug discovery applications.

Resource Type: web application, software resource

Keywords: Virtual environment, drug discovery, machine learning and simulations, development of next-generation drugs,

Availability: Restricted

Resource Name: PlayMolecule

Resource ID: SCR_024954

Record Creation Time: 20240201T171710+0000

Record Last Update: 20260808T190716+0000

Ratings and Alerts

No rating or validation information has been found for PlayMolecule.

No alerts have been found for PlayMolecule.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Stojković D, et al. (2026) Bioactive Potential of Post-Distillation Residue of *Clinopodium albanicum* (Griseb. ex K. Malý) Melnikov: Phytochemical Profiling, Antioxidant and Antimicrobial Activities with Molecular Docking Insights. *Plants* (Basel, Switzerland), 15(11).

Kurt-Celep I, et al. (2026) Harnessing the anti-inflammatory, skin-protective, and antioxidant potential of *Epilobium dodonaei* extracts using in vitro and in silico approaches. *RSC advances*, 16(20), 18636.

Sun W, et al. (2025) Transcriptomic and Proteomic Insights into 6PPD/6PPD-Q Induced Oxidative Stress in Black-Spotted Frogs. *Antioxidants* (Basel, Switzerland), 14(8).

Cetiz MV, et al. (2025) The Biopotential of *Bellardia trixago* in Replacing Synthetic Compounds for Health-Promoting Applications: Is It a Promising Candidate? *Food science & nutrition*, 13(4), e70109.

Perez DH, et al. (2025) ATP allosterically regulates an acyl-CoA oxidase. *Nature communications*, 16(1), 7318.

Yu R, et al. (2025) Arctigenin from *Saussurea medusa* Maxim. Targets the PI3K/AKT Pathway to Inhibit Hepatocellular Carcinoma Proliferation and Induces Apoptosis. *Nutrients*, 17(19).

García R, et al. (2024) Structural screening and molecular simulation identify potential ligands against the K700E hot spot variant and functional pockets of SF3B1 to modulate splicing in myelodysplastic syndrome. *Heliyon*, 10(12), e32729.

Shoko R, et al. (2024) Computer-Assisted Discovery of *Salvia fruticosa* Compounds With Schistosomicidal Activity. *Bioinformatics and biology insights*, 18, 11779322241240651.

Liu Z, et al. (2024) Cytochrome P450 enzymes in the black-spotted frog (*Pelophylax nigromaculatus*): molecular characterization and upregulation of expression by sulfamethoxazole. *Frontiers in physiology*, 15, 1412943.

Yagi S, et al. (2024) Exploring Chemical Composition, Antioxidant, Enzyme Inhibitory and Cytotoxic Properties of *Glaucium acutidentatum* Hausskn. & Bornm. from Turkey Flora: A Novel Source of Bioactive Agents to Design Functional Applications. *Antioxidants* (Basel, Switzerland), 13(6).

Liu W, et al. (2023) Anti-*Vibrio parahaemolyticus* compounds from *Streptomyces parvus* based on Pan-genome and subtractive proteomics. *Frontiers in microbiology*, 14, 1218176.

Almalki SG, et al. (2023) Antioxidant, LC-MS Analysis, and Cholinesterase Inhibitory Potentials of *Phoenix dactylifera* Cultivar Khudari: An In Vitro Enzyme Kinetics and In Silico Study. *Biomolecules*, 13(10).

Asif M, et al. (2023) Novel Functionalized Spiro [Indoline-3,5'-pyrroline]-2,2'dione Derivatives: Synthesis, Characterization, Drug-Likeness, ADME, and Anticancer Potential. *International journal of molecular sciences*, 24(8).

Qureshi KA, et al. (2022) In Vitro and In Silico Approaches for the Evaluation of Antimicrobial Activity, Time-Kill Kinetics, and Anti-Biofilm Potential of Thymoquinone (2-Methyl-5-propan-2-ylcyclohexa-2,5-diene-1,4-dione) against Selected Human Pathogens. *Antibiotics* (Basel, Switzerland), 11(1).

Guo C, et al. (2022) Hallmark-guided subtypes of hepatocellular carcinoma for the identification of immune-related gene classifiers in the prediction of prognosis, treatment efficacy, and drug candidates. *Frontiers in immunology*, 13, 958161.

Qureshi KA, et al. (2022) Antiprotozoal Activity of Thymoquinone (2-Isopropyl-5-methyl-1,4-benzoquinone) for the Treatment of *Leishmania major*-Induced Leishmaniasis: In Silico and In Vitro Studies. *Antibiotics* (Basel, Switzerland), 11(9).