

Resource Summary Report

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Leadscope

RRID:SCR_014904

Type: Tool

Proper Citation

Leadscope (RRID:SCR_014904)

Resource Information

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

Proper Citation: Leadscope (RRID:SCR_014904)

Description: Commercial developer of database and predictive model software tools used in chemical toxicity assessment.

Resource Type: software resource

Keywords: predictive software, modeling, chemical toxicity, analysis

Availability: Commercial

Resource Name: Leadscope

Resource ID: SCR_014904

Record Creation Time: 20220129T080323+0000

Record Last Update: 20260801T190509+0000

Ratings and Alerts

No rating or validation information has been found for Leadscope.

No alerts have been found for Leadscope.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 31 mentions in open access literature.

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

Fischer BC, et al. (2024) Matrine and Oxymatrine: evaluating the gene mutation potential using in silico tools and the bacterial reverse mutation assay (Ames test). *Mutagenesis*, 39(1), 32.

Collins SP, et al. (2024) Development and application of consensus in silico models for advancing high-throughput toxicological predictions. *Frontiers in pharmacology*, 15, 1307905.

Faramarzi S, et al. (2024) Novel (Q)SAR models for prediction of reversible and time-dependent inhibition of cytochrome P450 enzymes. *Frontiers in pharmacology*, 15, 1451164.

Aljallal MA, et al. (2024) Assessment of performance of the profilers provided in the OECD QSAR toolbox for category formation of chemicals. *Scientific reports*, 14(1), 18330.

Weyrich A, et al. (2022) Review of the state of science and evaluation of currently available in silico prediction models for reproductive and developmental toxicity: A case study on pesticides. *Birth defects research*, 114(14), 812.

Zhou L, et al. (2021) Comparison of seven in silico tools for evaluating of daphnia and fish acute toxicity: case study on Chinese Priority Controlled Chemicals and new chemicals. *BMC bioinformatics*, 22(1), 151.

Hasselgren C, et al. (2020) Management of pharmaceutical ICH M7 (Q)SAR predictions - The impact of model updates. *Regulatory toxicology and pharmacology : RTP*, 118, 104807.

Rovida C, et al. (2020) Internationalization of read-across as a validated new approach method (NAM) for regulatory toxicology. *ALTEX*, 37(4), 579.

Van Bossuyt M, et al. (2020) New QSAR models to predict chromosome damaging potential based on the in vivo micronucleus test. *Toxicology letters*, 329, 80.

Penzo M, et al. (2019) High-throughput screening of the *Plasmodium falciparum* cGMP-dependent protein kinase identified a thiazole scaffold which kills erythrocytic and sexual stage parasites. *Scientific reports*, 9(1), 7005.

Klimenko K, et al. (2019) QSAR modelling of a large imbalanced aryl hydrocarbon activation dataset by rational and random sampling and screening of 80,086 REACH pre-registered and/or registered substances. *PloS one*, 14(3), e0213848.

Pearce JM, et al. (2019) Preliminary Automated Determination of Edibility of Alternative Foods: Non-Targeted Screening for Toxins in Red Maple Leaf Concentrate. *Plants (Basel, Switzerland)*, 8(5).

Williams RV, et al. (2019) Are all bacterial strains required by OECD mutagenicity test guideline TG471 needed? *Mutation research. Genetic toxicology and environmental mutagenesis*, 848, 503081.

Clark RD, et al. (2018) Predicting mammalian metabolism and toxicity of pesticides in silico. *Pest management science*, 74(9), 1992.

Norinder U, et al. (2018) Predicting Aromatic Amine Mutagenicity with Confidence: A Case Study Using Conformal Prediction. *Biomolecules*, 8(3).

Cronin MTD, et al. (2017) In Silico Prediction of Organ Level Toxicity: Linking Chemistry to Adverse Effects. *Toxicological research*, 33(3), 173.

Mansouri K, et al. (2016) CERAPP: Collaborative Estrogen Receptor Activity Prediction Project. *Environmental health perspectives*, 124(7), 1023.

Nikolov NG, et al. (2014) hERG blocking potential of acids and zwitterions characterized by three thresholds for acidity, size and reactivity. *Bioorganic & medicinal chemistry*, 22(21), 6004.

Jónsdóttir SÓ, et al. (2012) Identification of cytochrome P450 2D6 and 2C9 substrates and inhibitors by QSAR analysis. *Bioorganic & medicinal chemistry*, 20(6), 2042.

Dorjsuren D, et al. (2012) Diverse small molecule inhibitors of human apurinic/aprimidinic endonuclease APE1 identified from a screen of a large public collection. *PloS one*, 7(10), e47974.