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 .

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

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.

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.

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.

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

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.

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.

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/apyrimidinic endonuclease APE1 identified from a screen of a large public collection. PloS one, 7(10), e47974.