X-CHEM
TAKE THE LEAD. DRIVE DISCOVERY.

ArtemisAI

ArtemisAI
ACCELERATE DISCOVERY

Like having a team of data scientists at your disposal. You generate the data and ArtemisAI takes care of the rest.

AI in the Hands of Screeners and Drug Hunters

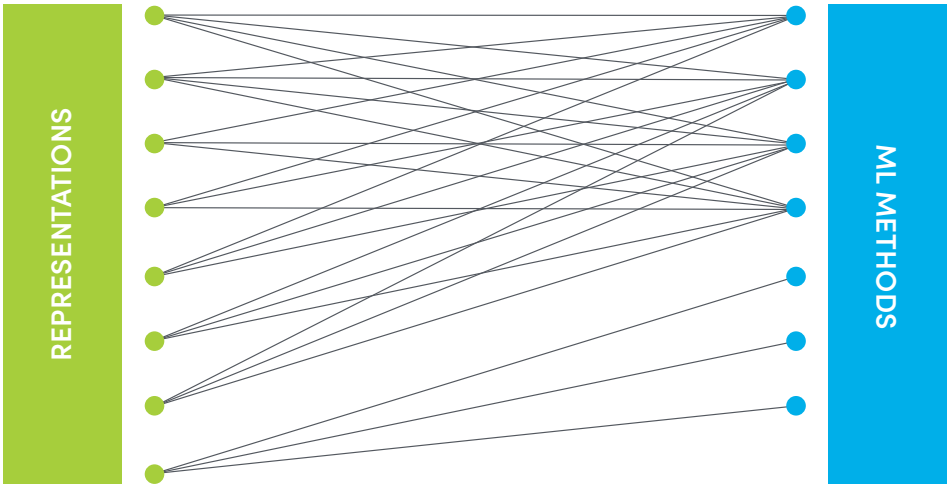
Built for Chemists, Trusted by Data Scientists

Pair state-of-the-art AI with your chemistry expertise to speed up innovation and identify novel chemistry faster. ArtemisAI, X-Chem's validated AI platform, brings together cutting-edge machine learning (ML) and decades of drug discovery expertise.

- Leverage all your data sources and improve your molecules faster and cheaper.
- Identify liabilities early in the DMTA cycle.
- Augment your existing hits with hidden insights that only surface with state-of-the-art AI.

No data science knowledge needed: You take care of generating the data and let ArtemisAI do the learning.

With ArtemisAI, you can capitalize on the power of advanced machine learning to maximize the scope of hit generation, multiplying your shots on goal.



Capture different levels of molecular information (Global + Local)

ArtemisAI Searches Comprehensively for the Best Models for Each Data Set

ArtemisAI consists of multiple representations and many different ML methods.

Each virtual DEL-ML training process outputs a pool of models, each model is the result of hyper-parameter tuning of around 350 experimental variations.

ArtemisAI is supported with HPC and scalable infrastructure to enable training completion in days.

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Benefit from the latest advances in modeling with just the click of a button. Leave no stone unturned.

Deploy ArtemisAI on any chemistry dataset

ArtemisAI Features:

- User-friendly AI tool: upload datasets of just SMILES and measurements
- Let ArtemisAI build machine learning models customized to your data with just one click
- Score your designs or your preferred collections to prioritize follow-up synthesis
- Customize multiparameter optimization with your models on your molecules
- Access to an expert-curated suite of machine learning models pre-trained to accelerate your DMTA cycle
- No infrastructure needed: just a username and password
- A secure SaaS platform in AWS with multifactor authentication
- Up-front user training and dedicated support to answer your team's questions

Schedule a demo and discover the exponential possibilities of ArtemisAI, a flexible and scalable tool to aid drug discovery.

Experience the Future of Drug Discovery

ABOUT X-CHEM

X-Chem, Inc. is the leader in small molecule discovery science, providing pharmaceutical and biotech companies a complete, seamless solution for screening, hit validation and lead optimization. As pioneers of DNA-encoded chemical library (DEL) technology, the company leverages its market-leading DEL platform to discover novel small molecule leads against challenging, high-value therapeutic targets. In-house lead optimization services enable clients to progress their compounds directly for even higher quality outputs. Our expertise in medicinal chemistry, custom synthesis and scale-up process chemistry enables us to support all aspects of drug discovery, supporting lead optimization through candidate identification.

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