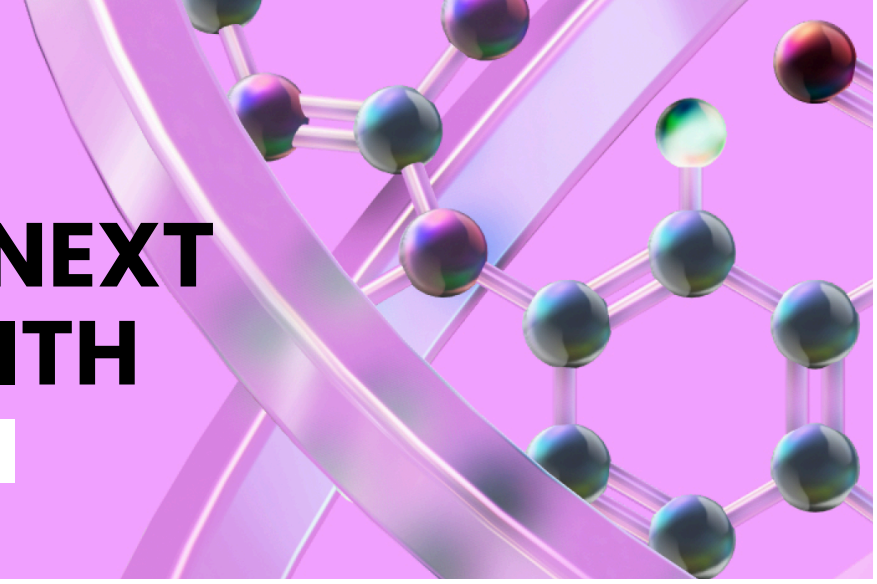
Makya GENERATIVE AI

DESIGN YOUR NEXT MOLECULES WITH GENERATIVE AI

Artificial intelligence driven by chemistry



Forget about screening,

START DESIGNING WITHIN MAKYA

Multi-parametric optimization from hit discovery to late-stage lead optimization

About Makya

Trained on 6 million patented organic reactions and powered by reinforcement learning, Makya explores a vast chemical space to design novel molecules with optimized properties, faster.

2,000+
Name reactions

1 Million
Building blocks

10^{27}
Molecules

ENHANCE YOUR CREATIVITY

- Easy-to-use interface powered by AI
- Diverse, novel & medchem-like molecules, on demand
- Synthetic accessibility by design

SET YOUR CONSTRAINTS

- 3D Ligand-based & Structure-based modeling
- SAR modeling
- ADMET properties

Contact Us

contact@iktos.com

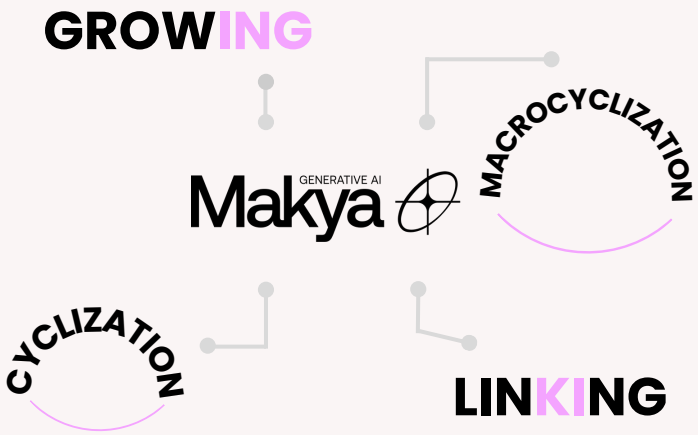
iktos AI

Makya GENERATIVE AI

A UNIQUE AND PROPRIETARY TECHNOLOGY TO EXPLORE THE CHEMICAL SPACE

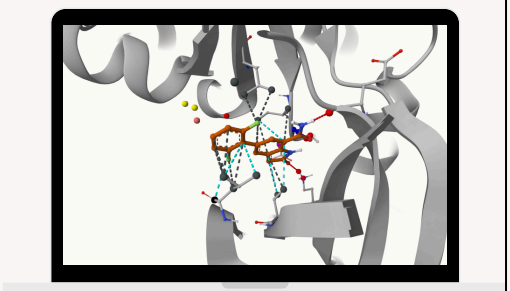
One Generative AI to address all use cases

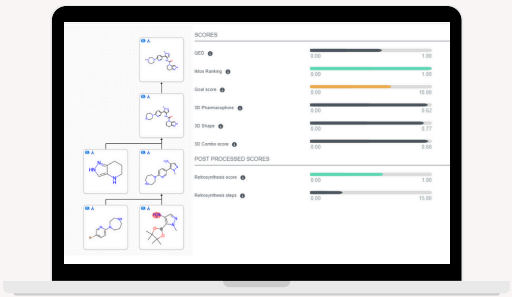
From Hit discovery to Lead optimization



Makya enables **unprecedented exploration** of an ever growing chemical space, generating innovative and synthesizable molecules

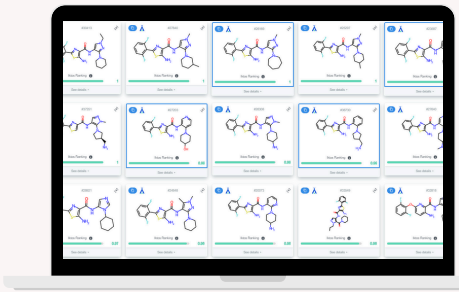
01
Import PDB, SDF file, project data, define your Target Product Profile





02
Explore Generative AI capabilities with MPO, to discover novel and feasible molecules

03
Select ideal and optimized compounds, using all the scores: *prediction, docking, shape, pharmacophore, etc...*



CONNECTIVITY

Cloud based
Powered by AWS

API gateway

iktos AI

contact@iktos.com

Contact Us