LiveDesign™

Your complete digital molecular design lab

Digitally design, predict, analyze and collaborate in a single platform

LiveDesign is a flexible, cloud-native working environment for your entire discovery team. Democratize your digital design process and drive more productive design cycles by harnessing the power of medicinal chemistry strategies, advanced cheminformatics, cutting-edge computational chemistry workflows, virtual design and test technologies, and centralized access to project data – all in a single interface.

Bridge the gap between your real and virtual data

- Break data silos and gain real-time access to all project data — virtual and experimental — in a single centralized platform.

- Analyze data and dynamically explore SAR with customized views and drill-down dashboards.

Drive fewer, faster design cycles

- Empower creativity and capture your best ideas with powerful predictive modeling workflows at your fingertips.

- Iteratively test hypotheses — actively learning from your data — to expedite feedback and identify promising design opportunities.

Centralize collaboration and decision-making

- Crowdsource ideas and interactively revise design strategies with your colleagues — anytime, anywhere.

- Increase project efficiency by securely and easily sharing data to coordinate with your internal and external partners.

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Medicinal Chemistry

- Capture design ideas and hypotheses
- Digitally test ideas across multiple parameters to prioritize synthesis decisions
- Track compound progression with live data updates
- Use powerful cheminformatics to explore SAR
- Build rich dashboards to analyze whole project data or individual molecules
- Leverage integrated ML/AI technologies for iterative improvement on predictive models

Computational Chemistry

- Increase the impact of computational methods to drive discovery outcomes
- Easily share validated models for self-service use across the entire project team
- Deploy custom, automated workflows to scale computational expertise
- Outsource routine tasks and spend more time working on challenging modeling problems
- Contribute design ideas guided by computational insights

Empower digital discovery across the entire project team

Structural Biology

- Store, search, and organize target structures
- View, overlay, and assess structures in 3D to drive target selection

Leadership and Program Management

- Track and visualize key project metrics
- Standardize discovery workflows across programs and teams

External Partner Managers

- Easily share and receive data with CRO partners
- Dynamically manage and view *Make and Test* queues
- Create custom workflows for progression of compound synthesis and testing

R&D IT

- Integrate with any corporate data source
- Snap-in web-based or in-house developed technologies via a connected API
- Reduce your integration and support burden by using a single SaaS platform

Contact us: sales@schrodinger.com
Learn more: www.schrodinger.com/products/livedesign/drug-discovery

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