3decision

The single source of truth for all your 3D protein structures

Centralized Repository

Organize and standardize all 3D protein structures in a single, unified platform for efficient management and collaboration.

Advanced Analytics

Perform advanced structural analysis with an intuitive, easy-to-use interface to quickly extract meaningful structural insights for everyone.
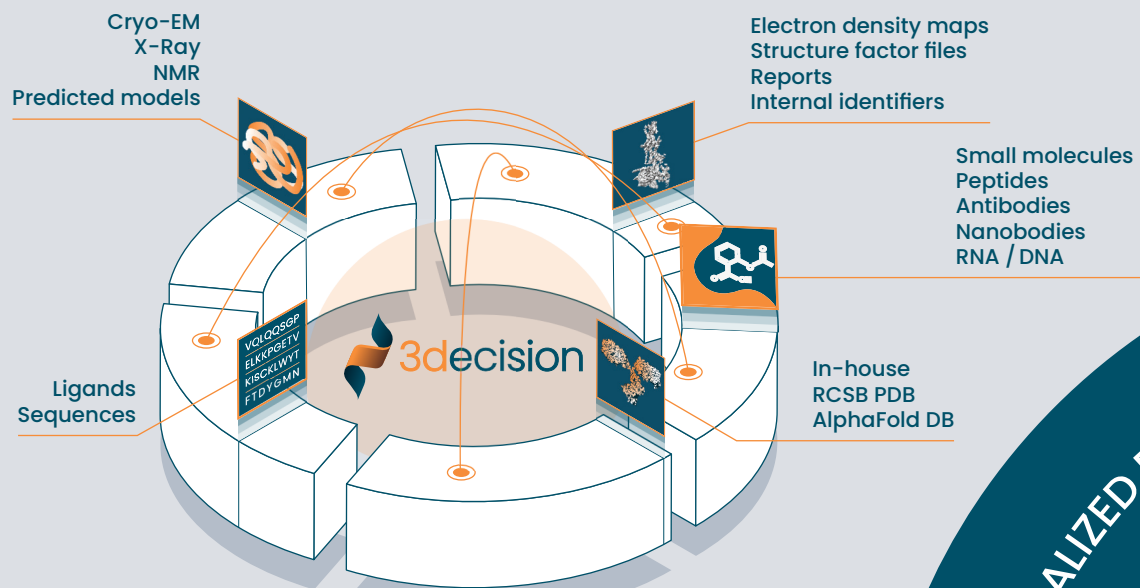
Facilitated Collaboration

Enhance teamwork with an integrated 3D viewer, designed for seamless collaboration and decision-making among the small molecule and biologics discovery teams.

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Centralize your 3D protein structure assets

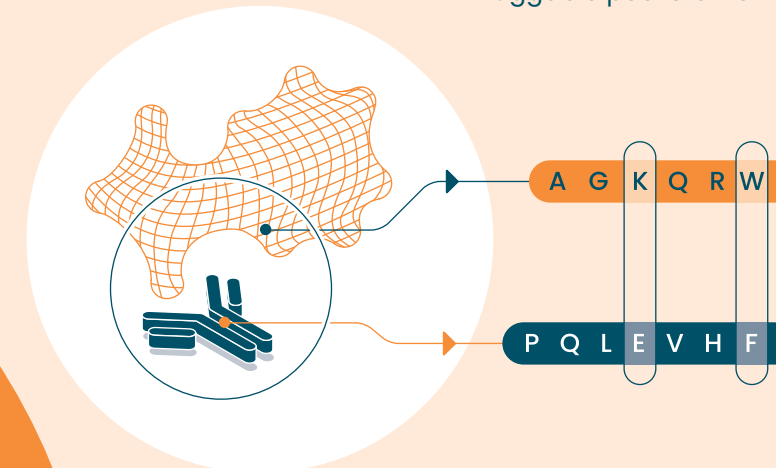**Consolidate 3D protein structures, ligands, and associated metadata in a single, organized location.**

Cryo-EM
X-Ray
NMR
Predicted models

Electron density maps
Structure factor files
Reports
Internal identifiers

VOLQSSGP
ELKKPGETY
KFKCKLWYT
FTDYGMN

Small molecules
Peptides
Antibodies
Nanobodies
RNA / DNA

3decision

Ligands
Sequences

In-house
RCSB PDB
AlphaFold DB

Extract structural insights for your project

Explore 3D structures to understand how to improve binding and other properties.

- Identify key interactions
- Highlight sequence annotation in 3D
- Superpose structures
- Display maps

Drive ideation and identify potential off-targets.

- Chemistry search
- Pocket similarity search
- Interaction search
- Druggable pocketome

A G K Q R W

P Q L E V H F

CENTRALIZED REPOSITORY

ANALYTICS CAPABILITIES

INTEGRATION

COLLABORATION

VIEW 1

VIEW 2

VIEW 3

Enhance the capabilities of your favourite applications

Integrate 3decision backend with your existing molecular modeling tools, ELNs, and in-house workflows though a powerful REST-API.

Streamline data flow and **empower researchers** with direct access to centralized structural data within their preferred tools and processes.

Streamline communication and decision-making

Leverage highly visual 3D viewer for seamless collaboration among biologists, chemists, and computational modelers.

Break siloes by allowing expert users to share structural insights with non-experts, facilitating communication and accelerating innovation.

Flexible access to 3decision on the cloud

Access the platform with options suited to both individual and enterprise-level needs, ensuring scalability and security.

Standard Cloud

3decision is hosted on the Discngine Cloud Infrastructure and provided as Software-as-a-Service (SaaS).

Enterprise Cloud

3decision is installed in a private Enterprise Cloud environment managed by Discngine.

All the advantage of the 3decision cloud platform

Hassle-Free Maintenance

Whether using our Enterprise or Standard Cloud solutions, you benefit from a system that requires no on-premises maintenance or internal technical support, freeing up your resources.

Scalability

Effortlessly scale your platform usage as your organization grows, without worrying about hardware limitations or infrastructure upgrades.

Robust Data Security

Your data is protected with the highest-level security measures, adhering to the ISO 27001 information security standard, ensuring trust and compliance.

Accessibility

Access your data and tools from anywhere in the world, enabling collaboration across teams and locations.

"We were sitting on these almost 9,000 structures, and except for 2-3 people, nobody else knew where they were."

Rishi Gupta, Associate Director at Novartis

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