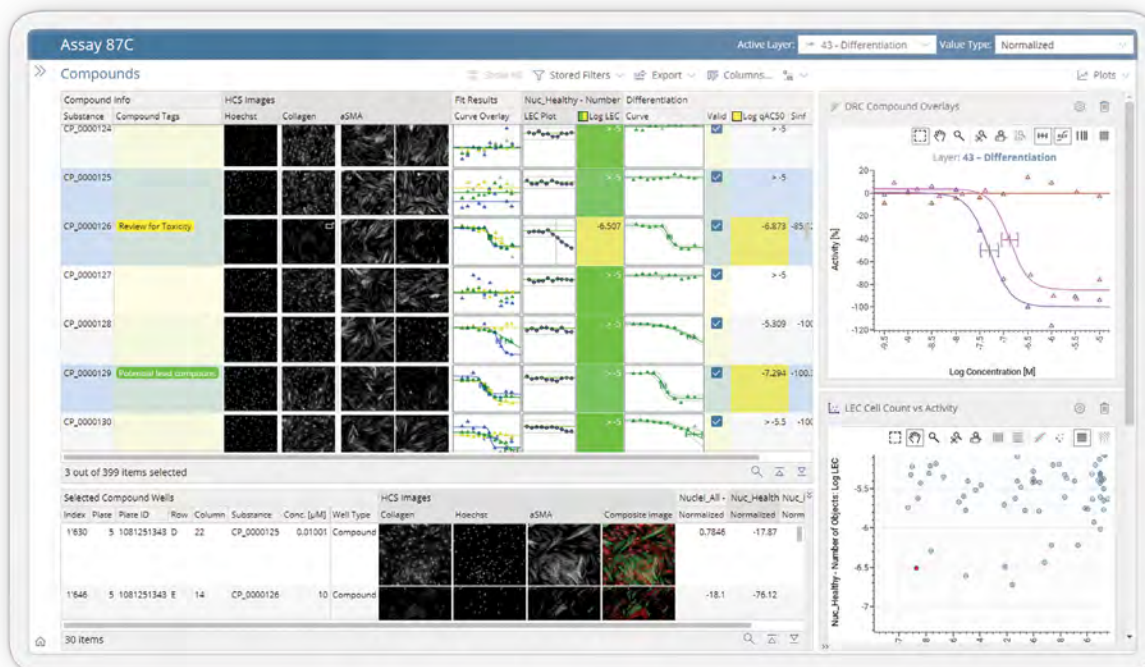


# All Assays. One Digital Platform.



# Genedata Screener Helps Biopharma R&D Innovate and Focus on Discoveries

Meeting the constantly evolving R&D software needs of a global pharmaceutical organization or growing biotech is demanding. Complex workflows, siloed teams, and the diversity of approaches – all can hinder important discoveries. To succeed you need to join teams on a single platform, standardize assays, centralize results, and structure information. This is where Genedata Screener® comes in.

## Genedata Screener is an enterprise-level digital platform for biopharma and biotech R&D.

It automates assay analysis, validates raw data and assay result quality, and consolidates assay information across the enterprise and external collaborators.

By integrating and condensing complex experimental data, it powers project decisions and lays the foundation for more predictive, AI-driven drug discovery and development.

## Genedata Screener has helped top pharmaceutical companies to improve efficiency:

from 3 days to **3 hours**

Bayer | 3150 compound Thermal Shift workflow

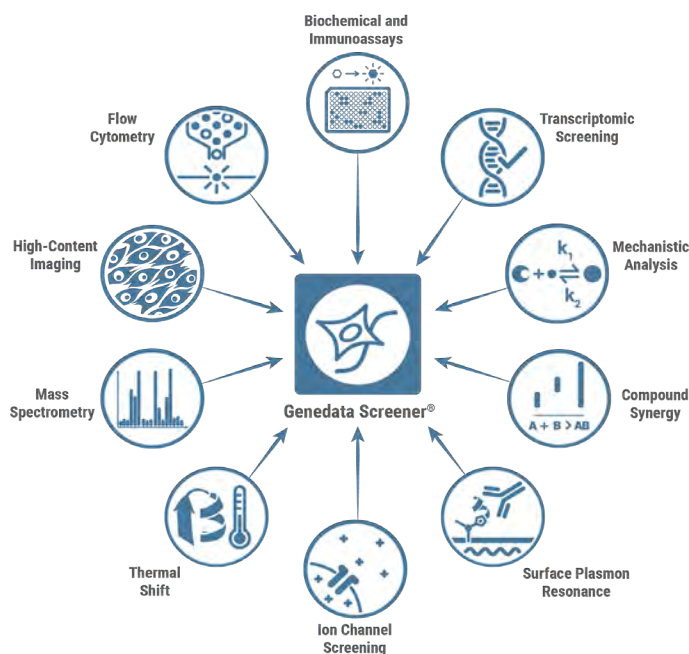
from 48 hours to **10 min**

Roche | Bacterial Growth workflow

from 3 hours to **25 min**

AstraZeneca | High-Throughput Mass Spectrometry workflow

## Genedata Screener Supports an Unparalleled Number of Assay Technologies



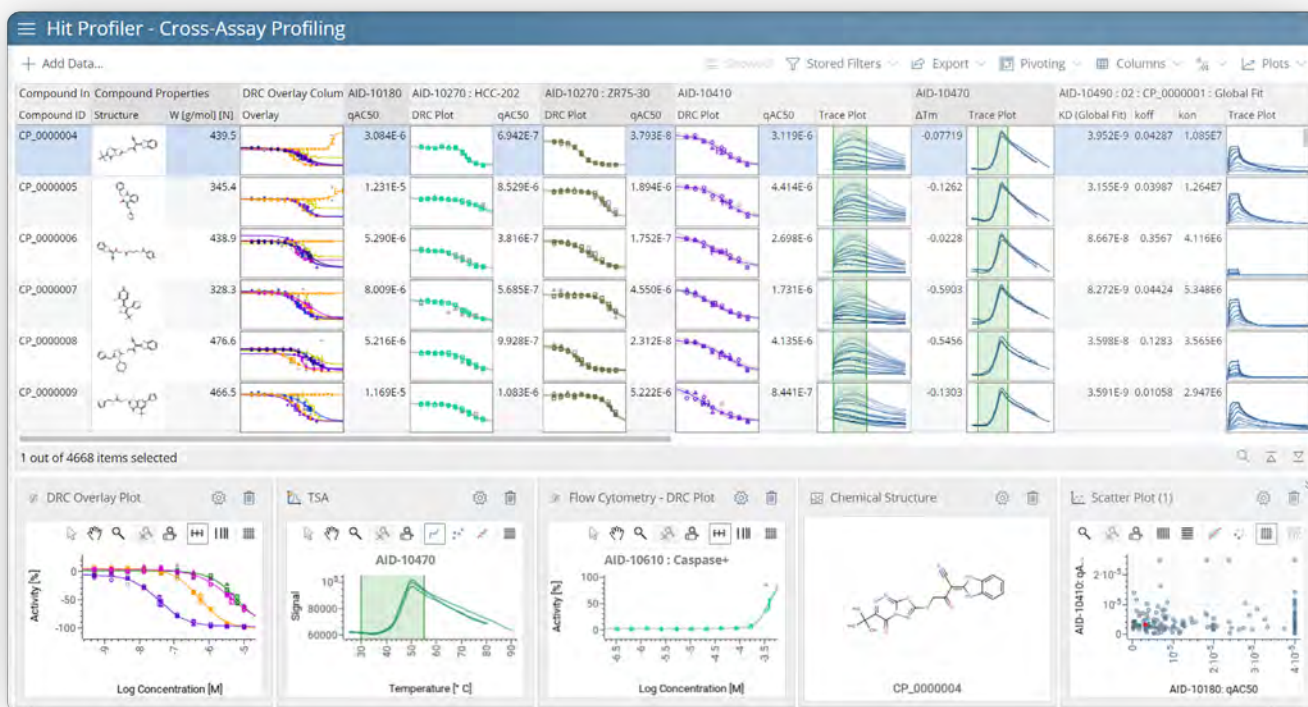
Using Genedata Screener as your central assay hub means you can monitor your assays and manage all results in one place to drive faster decisions and support groundbreaking discoveries. No more myriad of spreadsheets, disconnected teams and slowed down research. Screener is built to be scalable, extensible and evolve together with your organization.



DISCOVER ALL OUR APPLICATIONS:  
[genedata.com/screener/applications](https://genedata.com/screener/applications)

## Genedata Screener enables you to:

- ✓ directly capture all internal and external assay data in real-time
- ✓ track overall assay performance and quality, drill down to raw data and processing
- ✓ run complex assays at scale using built-in scientific logic and automated analysis
- ✓ compare and consolidate results across labs to drive decisions and shorten R&D cycles



## From Assays to Hits in Four Steps

1

### Assay Registration

is your assay information inventory, allowing annotation with standard bioassay ontologies.

2

### Data Capture & Analysis

empowers you to process, QC and condense complex data, through automated analysis and visualizations.

3

### Result Uploading

allows you to annotate and submit assay results to R&D projects from both internal and outsourcing partners.

4

### Hit Selection

consolidates results across many assays to facilitate faster and smarter hit selection.



DISCOVER OUR SOFTWARE:  
[genedata.com/screener/software](https://genedata.com/screener/software)

# Your Data: Automatically Delivered, Future-Proof, AI-Ready

## An automation powerhouse

Your teams can now spend less time on routine tasks and focus on high-value scientific work. Genedata Screener automates data capture, analysis, and data-driven decision-making, helping you be more efficient and your teams more agile. It is an automation powerhouse at your fingertips:

- ✓ Automated, real-time data capture
- ✓ Automated raw data normalization, processing, and QC
- ✓ Automated result reporting
- ✓ Integration with laboratory automation systems

## Your data, FAIR and AI-ready

You know how mission-critical it is to make your data Findable, Accessible, Interoperable, and Reusable. Your data will be FAIR. Genedata Screener structures biological results in a standardized and centralized manner. You can now enforce organization-wide quality control rules, transparently link results back to raw data, and annotate results using standard ontologies - all to establish AI-readiness for future R&D.

# The Platform: Fits into Your IT Infrastructure, Easy to Manage, Extensible

Genedata Screener integrates with your IT environment on premises or is cloud-based, simplifying implementation, and reducing maintenance burden. This saves resources in the research IT team.

- ✓ **On-premises.** Deployment takes only a few hours into your data center. Our professional support and development teams ensure that it runs at peak performance now and in the future.

- ✓ **Cloud based.** Genedata Managed Cloud is a SOC2-certified SaaS solution. Hosting and managing of Genedata Screener takes place on Amazon Web Services. You take care of the science; we take care of the rest.



**We know that every company and workflow is unique.** Genedata Screener adapts to your specific needs – you can easily customize and extend it through open, stable, well-documented APIs. This leverages your expert know-how across the organization on a scalable software platform.



Genedata Screener® is part of the Genedata portfolio of advanced software solutions, which digitalize and automate data-rich and complex biopharma R&D processes. From early discovery all the way to the clinic, Genedata solutions maximize the ROI in R&D expenditure.