revvity
signals

Signals Research Suite: Discover the Perfect Fit

Upgrade to Signals Research Suite

Scientists worldwide have made Signals™ Notebook their trusted platform for seamless collaboration and streamlined experimental workflows across Life Sciences, Materials Science, and Specialty Chemicals. The Signals™ Research Suite takes the brilliance of Signals Notebook to the next level – a complete, unified SaaS solution for scientific research to development.

Empowering the Make-Test-Decide R&D life cycle

Make: Signals Notebook, the user-friendly, cloud-based electronic lab notebook facilitates collaboration and data management to capture, organize, share, and explore data.

Test: Data Processing leverages Spotfire™ for data analysis and visualization of all modalities, this application unites assay development, low-to ultra-throughput product assays, and in vivo studies.

Decide: Data-driven Analytics, the next-generation data management system analyzes scientific results. Data-driven Analytics enables efficient access and analysis of all scientific results collected throughout the R&D life cycle.

Why Scientists Choose Signals Research Suite

Unlock the potential of a unified solution that spans the entire Make-Test-Decide R&D lifecycle. Avoid the complexities of fragmented software ecosystems and benefit from a streamlined suite that incorporates trusted and iconic products. Boost communication, expedite analysis, and harness advanced analytics for critical insights. With Signals Research Suite, you'll Never Miss a Signal, ensuring your research is always on the cutting edge.

Discover the Capabilities

- A trio of scientifically intelligent capabilities: Signals™ Notebook, Data Processing, and Data-driven Analytics.

- Streamlined Make-Test-Decide R&D lifecycle with one data analysis solution.

- Seamless data flow from instruments to processing.

- Integrated with ChemDraw™ and ChemACX.

- Advanced graphics and analytics powered by Spotfire™.

- Interactive commenting, fostering collaboration.

- Uncover structure/sequence activity relationships.

- Embraces (Findable, Accessible, Interoperable, Reusable) FAIR data standards for accessibility.

Discover the Perfect Fit: Additional Benefits found in Signals Research Suite

Application Functionality*	Signals Notebook	Signals Research Suite
Experiment Content Capture	+	+
Materials Management (Registration, Inventory, Samples)	+	+
Microsoft Office documents	+	+
ChemDraw Integration	+	+
HELM for Complex Biomolecule Structure Representation	+	+
Spotfire Integration	+	+
Collaboration	+	+
Tasks/Requests Workflows	+	+
Sample Templates	+	+
Table Templates	+	+
Experimental Templates	+	+
Automation APIs	+	+
Instrument Integration APIs	+	+
Signals Notebook Integration	+	+
System Integration APIs	+	+
Scalable and Performant	+	+
Search (Chemical Structure Search, Full Content Indexing)	+	+
Security (SSO, Fine-grained security policies)	+	+
Regulatory Compliance (Versioning, Audit Trail, Electronic Signatures)	+	+
ADME Assay Types		+
o Permeability		+
o Stability		+
o Protein Binding		+
In vitro Assay Types		+
o Single Point		+
o Dose-response		+
o Kinetic		+
o Image-based		+
Physical Characterization (HTS, ELISA, SPR, Thermal Shift, etc)		+
In vivo Assay Types		+
o Dose Proportional PK		+
o Cassette PK		+
BioSAR Analysis		+
BLAST search internal/external databases		+
Display aligned and unaligned biological sequences		+
Relate sequence differences with ADMET/Efficacy results		+
R-group Analysis		+
SAR Analysis		+
Query and Data Management		+
o Store assay and annotation data of all types		+
o Hyper-fast search engine		+
o Easily Navigable Assay Hierarchy		+
o Share Searches		+