



## signalsOne™ : Discover the Perfect Fit

### Upgrade to Signals One

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

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

**Design:** Experience intuitive molecular design with the only ELN natively integrated with ChemDraw®, enabling professional grade structure drawing, rich template libraries, HELM based biopolymer editing, and seamless AI powered predictive modeling and optimization.

**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, in vitro, 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 One

Unlock the potential of a unified solution that spans the entire Design-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 SignalsOne, 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 Design-Make-Test-Decide R&D lifecycle with one data analysis solution.
- Seamless data flow from instruments to processing.
- Integrated with ChemDraw and ChemACX.
- Turn raw assay data into actionable insights using simple, intuitive built in analysis tools, with advanced, highly configurable visualization workflows available through the included Spotfire for Signals.
- Interactive commenting, fostering collaboration.
- Uncover structure/sequence activity relationships.
- Embraces (Findable, Accessible, Interoperable, Reusable) FAIR data standards for accessibility.
- Ontology Integration: Enable consistent terminology and smarter search with curated, hierarchical ontology lists.

## Discover the Perfect Fit: Additional Benefits found in Signals One

Application Functionality*	Signals Notebook	Signals One
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)	✓	✓
Ontology Support	✓	✓
<b>AI Capabilities</b>		
OpenAPI Compliance (Build your own MCP)	✓	✓
Semantic Search (BETA)	-	✓
Image to Text Extraction	-	✓
AI Ready Data	-	✓
<b>ADME Assay Types</b>		
Permeability	-	✓
Stability	-	✓
Protein Binding	-	✓
<b>In vitro Assay Types</b>		
Single Point	-	✓
Dose-response	-	✓
Kinetic	-	✓
Image-based	-	✓
<b>Physical Characterization (HTS, ELISA, SPR, Thermal Shift, etc)</b>		
Analysis & Visualization	-	✓
Built-in standard analysis tools	-	✓
Advanced analytic workflows (Spotfire)	-	✓
Image-based	-	✓
<b>BioSAR Analysis</b>		
BLAST search internal/external databases	-	✓
Display aligned and unaligned biological sequences	-	✓
Relate sequence differences with ADMET/Efficacy results	-	✓
R-group Analysis	-	✓
SAR Analysis	-	✓
<b>Query and Data Management</b>		
Hierarchical (Nested) Tables	-	✓
Store assay and annotation data of all types	-	✓
Hyper-fast search engine	-	✓
Easily Navigable Assay Hierarchy	-	✓
Share Searches	-	✓

# revvity signals

77 4th Avenue  
Waltham, MA 02451 USA  
(800) 762-4000  
(+1) 203-925-4602  
[revvitysignals.com](https://revvitysignals.com)



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