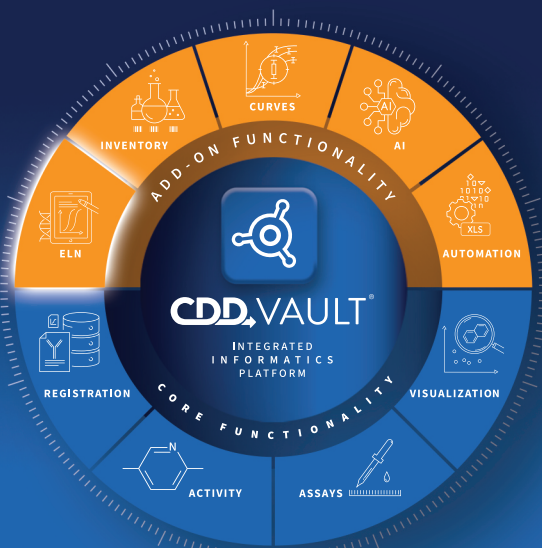




Designed with flexibility in mind, CDD Vault's Electronic Lab Notebook surpasses traditional lab notebooks and digital notebooks by enhancing real-time collaboration, simplifying information retrieval, better protecting IP, and ensuring regulatory compliance.



DATA CAPTURE

- ELN fields allow structured metadata capture and enforcement of business rules for standard data capture.
- Use the ELN for unstructured bioassays during assay development before registering protocols for production use.
- Seamlessly link to object records within the ELN using the ampersat (@) to reference molecules, batches, samples, protocols, runs and other entries in your vault.
- Access and edit Microsoft Word, Excel and PowerPoint files online using the CDD Vault ELN's integration with Microsoft 365.
- Draw structures to keep track of intermediates and ideas, easily register drawn molecules or use the new molecule button for registering any entity type, including sequence based and structureless biologics directly from the ELN.
- Link samples stored within Vault to credit, debit or relocate samples directly from the ELN.
- When a reaction is drawn, Vault's ELN will automatically create a stoichiometry table for single reaction or multiple reactions with reagent/product pairs if an R1 group is defined.

ELN Fields

Name	Data Type	Must be Unique	Is Required	
Project			☒	Remove
Experiment Type	Pick List	☐	☐	Remove
Attached Document	File	☐	☐	Remove
Scientist Name	Text	☐	☐	Remove

[Add ELN Field](#) [Update ELN fields](#) or [cancel](#)

Update Inventory directly from the ELN

RJT-0000694-001-ABC123

Debit ☒ Credit ☐

Amount: 0 mg

Current amount: 3 mg

Location: [Add location](#)

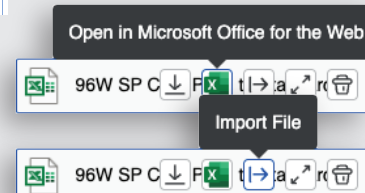
[Update inventory](#)

Parallel reaction table with reagent and product pairs

Reaction scheme: HO-C(=O)-c1ccccc1 + H2N-R1 -> R1-NH-C(=O)-c1ccccc1

Name	Properties	Amounts	Calculation	Comment
1. Name: Optional Molecule: DEMO-0001984 Safety:	MW: 122.12 g/mol FW: 122.12 g/mol Density: Optional Exact mass: 122.08679 Da	Mass: 30.2 mg %w/w ratio: 100 %w/w Volume: Optional %v/v ratio: 100 %v/v Purity: 100 % Total mass: 30.2 mg Total volume: 0.0	Limiting reagent Equivalent: 1 Mole: 247 µmol Effective mole: 247 µmol	Optional
2. Variable reagent			Limiting reagent	Optional
3. Name: DCC Molecule: DEMO-0001202 Safety:	MW: 206.33 g/mol FW: 206.33 g/mol Density: Optional Exact mass: 206.17609 Da	Mass: 51 mg %w/w ratio: 100 %w/w Volume: Optional %v/v ratio: 100 %v/v Purity: 100 % Total mass: 51 mg Total volume: 0.0	Limiting reagent Equivalent: 1 Mole: 247 µmol Effective mole: 247 µmol	Optional
4. Variable product				Optional

Spreadsheets can be updated with Office for the Web or imported into Vault from within the ELN





CROSS FUNCTIONAL COLLABORATION

- CDD Vault's ELN enables seamless cross-team collaboration. Biologists can use templates for structured protocol capture and view plasmid or PDB files in the same ecosystem that chemists capture reactions and register structures.
- Share findings, collaborate on data analysis, co-author documentation, and approve versions with colleagues around the globe.
- At mention (@) your colleagues to send them notifications to collaborate on experiments directly in an ELN entry.
- Share, annotate, and mentor in real-time across your teams to streamline your research processes.

DATA INTEGRITY AND RETRIEVAL

- Seamlessly connect your ELN to CDD Vault's registration with automatic breadcrumb links when an object is linked in an entry.
- Use custom templates for synthesis experiments, reaction conditions and compound registration, ensuring consistency and reproducibility across users.
- Maintain compliance with regulatory standards like GLP and FDA guidelines. Our audit trail, versioning and electronic signature ensures that your data meets all legal requirements for publication and patent applications.
- CDD Vault electronic entries are easily searched, filtered, exported and printed, offering quick access to crucial data when needed. ELN search can also search within text searchable attachments such as PDFs and Word documents.

Interactive PDB viewer within ELN

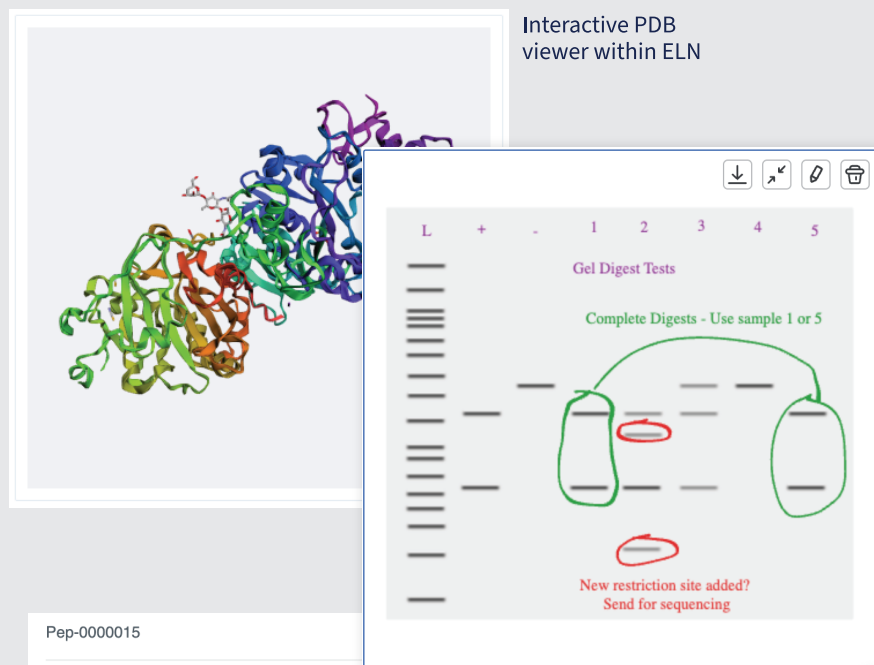
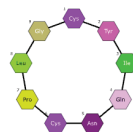


Image Annotation within ELN

Pep-0000015



Overview Batches 1 Samples 0 Links 2 Plates 0 Protocols 0 Collections

Links

KayTee Therapeutics - Peptide

▼ Entries (2)

1983079 - Cyclic Peptide Analysis - 1983077 - Cyclic Peptide Synthesis Entry

Autogenerated breadcrumb links in the CDD Vault registry

Audit Trail

Version	Date	Author	Action
☐ v. 9 (current)	2025-03-06 10:16	Robert Kotak-Thorn	Modified Entry
☐ v. 8	2025-03-06 10:15	Robert Kotak-Thorn	Modified Entry
☐ v. 7	2025-03-06 10:08	Robert Kotak-Thorn	Modified Entry
☐ v. 6	2025-03-06 09:11	Robert Kotak-Thorn	Modified Entry
☐ v. 5	2025-03-06 09:01	Robert Kotak-Thorn	Modified Entry
☐ v. 4	2025-03-04 17:25	Robert Kotak-Thorn	Modified Entry
☐ v. 3	2025-03-03 08:07	Robert Kotak-Thorn	Modified Entry
☐ v. 2	2025-03-03 08:06	Robert Kotak-Thorn	Modified Entry
☐ v. 1	2025-03-03 08:06	Robert Kotak-Thorn	Created Entry
-	2025-03-03 08:06	Robert Kotak-Thorn	Applied Template

Template Name: Template Test

Entries

▼ "RJT-0000004"

ID	Title	Author	Last Modified	Created	Status
1978774	Acetaminophen Synthesis and Assay	Robert Kotak-Thorn	2025-03-03	2025-03-03	Open

RJT-0000004



Search finds hits from body of entry as well as from a PDF

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info@collaboratedrug.com