

Compound Inventory Linking

Compounds > Cool Compound 123

Margot's Existing Compound

REF. ID ID
abc123 p1c9d7d794ceg

Margot Robbie registered this on 11/12/18

Ticky Tacky Tags Amines Are Fun

[Cu+2].[O-]S(=O)(=O)[O-]

FORMULA WEIGHT TPSA CLOGP
C17H22O2 518.56 11.40 1.23

Associated Inventory

Type	Name	ID	Format	Contents	Condition	Created	Last Used	Code
PCR Plate	My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	15 aliquots	cold_20	March 12th, 2019	March 12th, 2019	FHX
PCR Plate	A Different Cool Plate	ct1ckaj53cj2mfx	384-pcr	12 aliquots	cold_20	March 12th, 2019	March 12th, 2019	FHX
Vial	A Tube That Is Fun	ct1cwfq4r8sx2mj	a1-vial	1 mL	cold_20	March 12th, 2019	March 12th, 2019	FHX

Link Inventory

Research

Where does the user go to create this link?

Compounds

+ Register Compound ⋮

Reset 10 Columns Shown

STRUCTURE NICKNAME↓ CODE ID FORMULA WEIGHT LABELS SOURCE CREATED CREATOR

STRUCTURE SIMILARITY [Enter or Draw a Structure](#)

WEIGHT Lower Bound Upper Bound

TPSA Lower Bound Upper Bound

CLOGP Lower Bound Upper Bound

LABELS Tag Name Tag Name

SOURCE Proprietary

CREATED After Before

CREATOR Any Organization Member

Search for Containers

Chemical structure of Cool Compound 123: p1c9d7d794ceg

STRUCTURE	NICKNAME	CODE	ID	FORMULA	WEIGHT	LABELS	SOURCE	CREATED	CREATOR
	Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 🛍	Proprietary	11/12/19	
	Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 🛍	Proprietary	11/12/19	
	Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 🛍	Proprietary	11/12/19	
	Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 🛍	Proprietary	11/12/19	
	Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 🛍	Proprietary	11/12/19	
	Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 🛍	Proprietary	11/12/19	
	Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 🛍	Proprietary	11/12/19	
	Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 🛍	Proprietary	11/12/19	
	Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 🛍	Proprietary	11/12/19	
	Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 🛍	Proprietary	11/12/19	

Compounds Page

Inventory

+ Add Container Show 12 ▾

Search and filter Search ...

Clear Search

STATUS ▾ Available

CONTAINER TYPE ▾ Plates and Tubes

ALIQUOT VOLUME ▾ Any volume

ORIGIN ▾ Shipment or Run

STORAGE CONDITION ▾ All Storage

PROPERTIES ▾ Any Property

Type	Name	Id	Format	Contents	Condition	Created	Last Used	Code
	96-pcr_1	ct1dgceqd7dmk99	96-pcr	0 aliquots	ambient	Created Aug 23, 2019	Aug 27, 2019	
	Tempest Sched TH1_1	ct1dgsu89ynq4f6	384-flat-white-w	384 aliquots		Created Aug 27, 2019	Aug 27, 2019	
	3_Tempest Sched TH	ct1dgtgz6atgdrc	conical-50	0 aliquots		Created Aug 27, 2019	Aug 27, 2019	
	Tempest Sched TH1_1	ct1dgtgz6ajhzu5	384-flat-white-w	0 aliquots		Created Aug 27, 2019	Aug 27, 2019	
	Tempest Sched TH1_1	ct1dgtgz6aakmww	384-flat-white-w	0 aliquots		Created Aug 27, 2019	Aug 27, 2019	
	4_Tempest Sched TH	ct1dgtgz6a2n8zp	conical-50	0 aliquots		Created Aug 27, 2019	Aug 27, 2019	

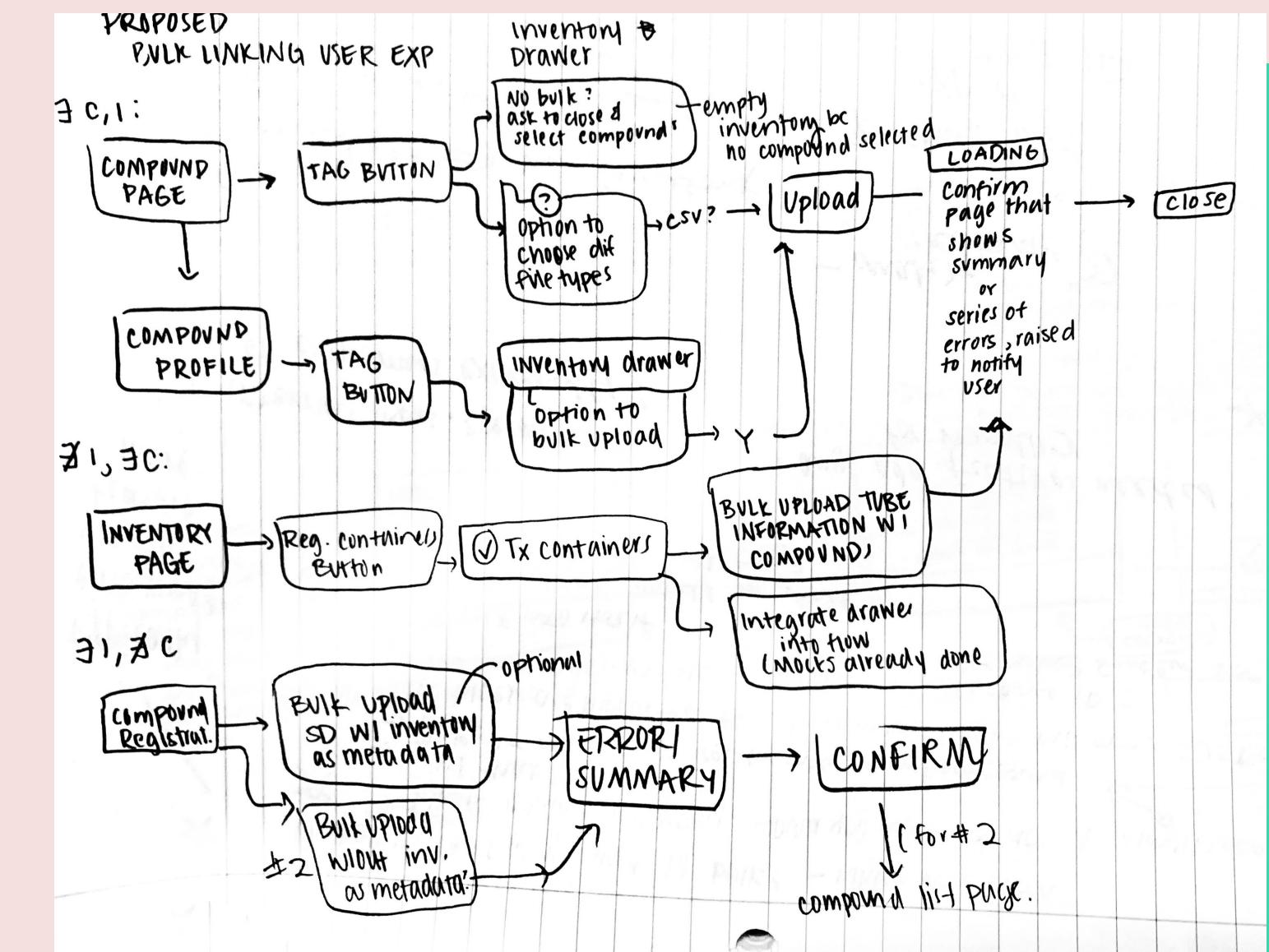
Inventory Page

Research

Where does the user go to create this link?

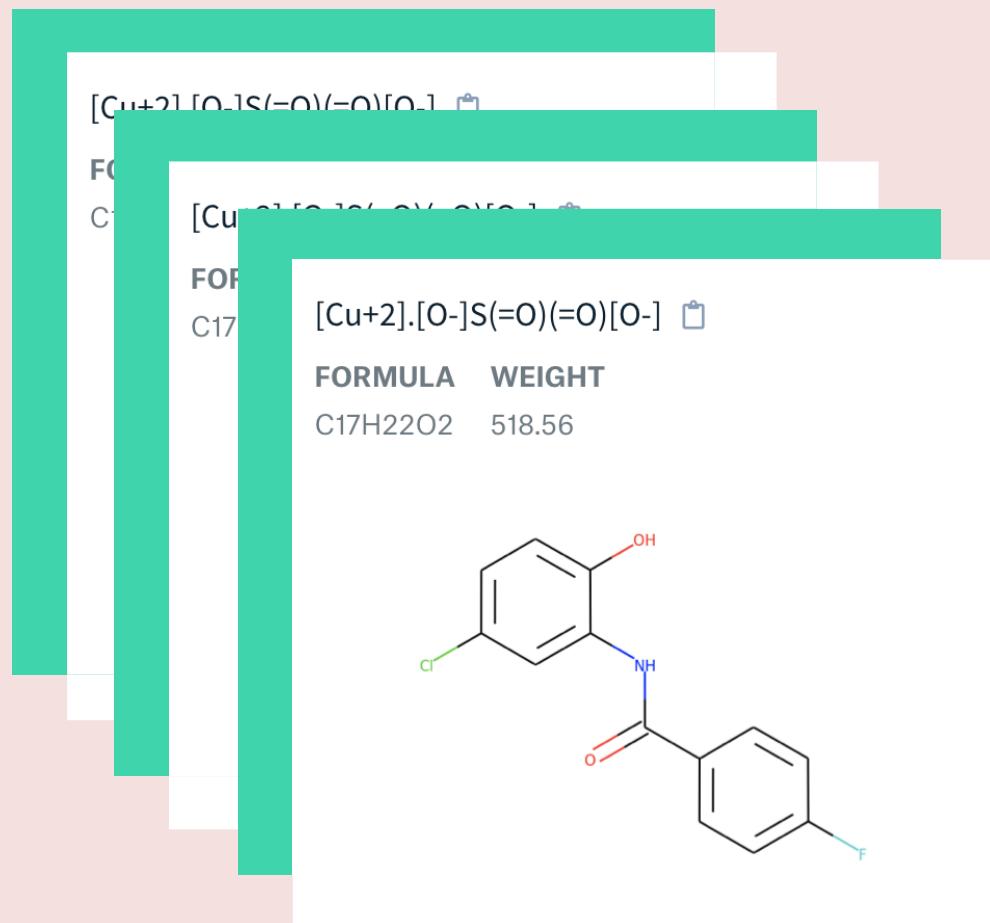
Chemists focus on the compounds, not the containers they're in.

Thus, compound page!



Research

What are the use cases for linking multiple?



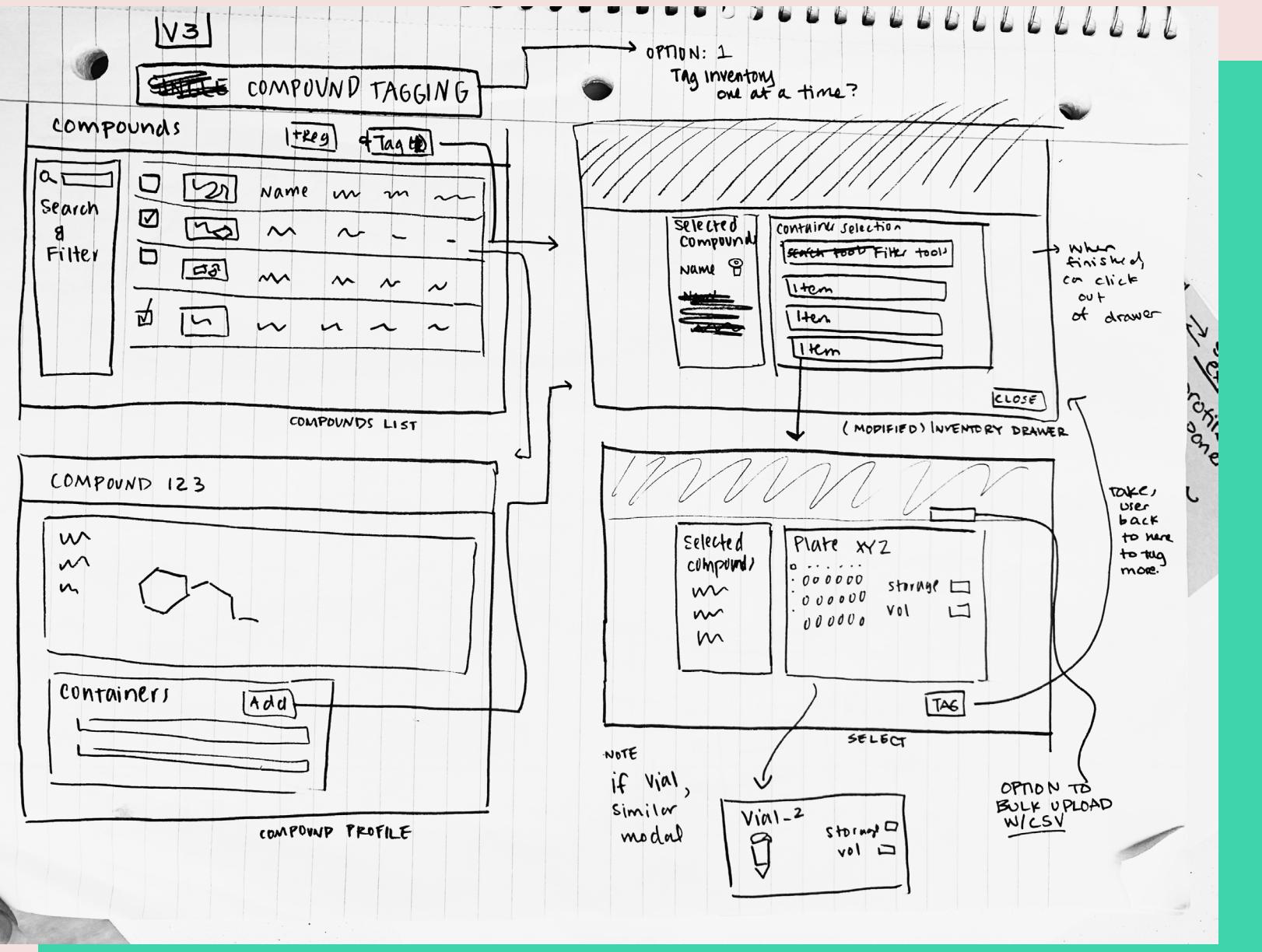
A seating chart showing a 12x12 grid of blue circles. The columns are numbered 1 through 12 at the top. The rows are labeled A through H on the left. A thick green vertical bar is on the far left, and a pink vertical bar is on the far right.

Research

What are the use cases for linking multiple?

- multiple compounds in a single container
 - a plate containing numerous compounds
 - CSV

Low fi sketches



- ① UPLOAD CHECKS** or
 - content in file is invalid
 - INVALID FILE TYPE
 - incorrect headers / missing headers
 - missing file
 - weird, unreadable characters?
 ↗ shouldn't happen, e.g. template
- ② Red**
 - missing SMILES string
 - totally broken, can't parse file
 - missing a data point in column that is essential for linking
 - invalid smiles string
 - compound / inventory not registered / not found
 ↗ can use data / do link, just some crucial missing so can't do smt w/ it
- ③ Yellow**
 - same well repeated w/ dif info or same info
 - invalid container type (shouldn't happen)
 ↗ the vol is too large, out of range
 - conflict of 2 dif info for same container
- TYPES OF ERRORS:**
 - can't parse file
 - can use data / do link, just some crucial missing so can't do smt w/ it

Demo

Compounds

[+ Register Compound](#)

Search for Containers

[Reset](#)

10 Columns Shown

Show 12 ▾

STRUCTURE SIMILARITY

[Enter or Draw a Structure](#)

WEIGHT

[Lower Bound](#)[Upper Bound](#)

TPSA

[Lower Bound](#)[Upper Bound](#)

C LOGP

[Lower Bound](#)[Upper Bound](#)

LABELS

[Tag Name X](#) [Tag Name X](#)

SOURCE

Proprietary

CREATED

[After](#)[Before](#)

CREATOR

 Any Organization Member

<input type="checkbox"/>	STRUCTURE	NICKNAME	CODE	ID	FORMULA	WEIGHT	LABELS	SOURCE	CREATED	CREATOR
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2	Proprietary	11/12/19	

3 flows

Manual + Bulk + On Inventory Creation

Manual

The screenshot shows the Strateos platform interface for managing compound structures. The top navigation bar includes links for Projects, Inventory, Shipments, and Packages. A search bar at the top left is followed by a "Reset" button and a "Search for Containers" input field. On the right, there's a blue button for "Register Compound" and a three-dot menu icon.

The main area is titled "Compounds" and displays a list of 10 entries. Each entry includes a checkbox, a chemical structure icon, the compound name, its code, formula, weight, labels, source, creation date, and a user profile picture. The columns shown are STRUCTURE, NICKNAME (sorted), CODE, ID, FORMULA, WEIGHT, LABELS, SOURCE, CREATED, and CREATOR. A "Show 12" link is available at the top right of the table header.

On the left side, there are several filter sections:

- STRUCTURE SIMILARITY**: Includes a note "Enter or Draw a Structure".
- WEIGHT**: Includes "Lower Bound" and "Upper Bound" input fields.
- TPSA**: Includes "Lower Bound" and "Upper Bound" input fields.
- C LOGP**: Includes "Lower Bound" and "Upper Bound" input fields.
- LABELS**: Includes two "Tag Name" input fields, each with a delete "X" button.
- SOURCE**: Set to "Proprietary".
- CREATED**: Set to "After".
- CREATOR**: Set to "Any Organization Member".
- ARCHIVE STATUS**: Set to "Active Structures Only".

A message at the bottom right indicates: "1 compound was linked with 4 containers." with a checkmark icon.

Compounds

[+ Register Compound](#)[Search for Containers](#)[Reset](#)

10 Columns Shown



Show 12 ▾

STRUCTURE SIMILARITY

[Enter or Draw a Structure](#)

WEIGHT

Lower Bound

Upper Bound

TPSA

Lower Bound

Upper Bound

C LOGP

Lower Bound

Upper Bound

LABELS

[Tag Name X](#) [Tag Name X](#)

SOURCE

Proprietary

CREATED

After

Before

CREATOR

 Any Organization Member

ARCHIVE STATUS

Active Structures Only

<input type="checkbox"/>	STRUCTURE	NICKNAME	CODE	ID	FORMULA	WEIGHT	LABELS	SOURCE	CREATED	CREATOR
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ↗	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ↗	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ↗	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ↗	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ↗	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ↗	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ↗	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ↗	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ↗	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ↗	Proprietary	11/12/19	

Compounds

[+ Register Compound](#)[Search for Containers](#)[Reset](#)

10 Columns Shown

Show 12 ▾

STRUCTURE SIMILARITY

[Enter or Draw a Structure](#)

WEIGHT

Lower Bound

Upper Bound

TPSA

Lower Bound

Upper Bound

C LOGP

Lower Bound

Upper Bound

LABELS

[Tag Name X](#) [Tag Name X](#)

SOURCE

Proprietary

CREATED

After

Before

CREATOR

Any Organization Member

ARCHIVE STATUS

Active Structures Only

<input type="checkbox"/>	STRUCTURE	NICKNAME	CODE	ID	FORMULA	WEIGHT	LABELS	SOURCE	CREATED	CREATOR
<input checked="" type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2	Proprietary	11/12/19	

Compounds

[+ Register Compound](#)

10 Columns Shown

[Reset](#)

STRUCTURE SIMILARITY [Enter or Draw a Structure](#)

WEIGHT [Lower Bound](#) [Upper Bound](#)

TPSA [Lower Bound](#) [Upper Bound](#)

CLOUD

<input type="checkbox"/>	STRUCTURE	NICKNAME	CODE	ID	FORMULA	WEIGHT	LABELS	SOURCE	CREATED	CREATOR
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C ₁₇ H ₂₂ O ₂	518.56	2 	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C ₁₇ H ₂₂ O ₂	518.56	2 	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C ₁₇ H ₂₂ O ₂	518.56	2 	Proprietary	11/12/19	

Inventory Selection [?](#)

Select inventory items to link with compounds.

[Add New Samples](#)

STATUS ^	CONTAINER TYPE ^	ALIQUOT VOLUME ^	ORIGIN ^	STORE CONDITION ^	PROPERTIES ^
Available	Plates and Tubes	Any Volume	Shipment or Run	All Storage	Any Property

[Search](#)

TYPE	NAME	ID	FORMAT	CONTENTS	CONDITION	CREATED	LAST USED	CODE
	 My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	cold_20	March 12th, 2019	March 12th, 2019	FHX
<input type="checkbox"/>		My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	cold_20	March 12th, 2019	March 12th, 2019
<input type="checkbox"/>		My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	cold_20	March 12th, 2019	March 12th, 2019
<input type="checkbox"/>		My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	cold_20	March 12th, 2019	March 12th, 2019
<input type="checkbox"/>		My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	cold_20	March 12th, 2019	FHX

[Cancel](#)[Save](#)

Compounds

[+ Register Compound](#)

Reset

Search for Containers

STRUCTURE SIMILARITY
Enter or Draw a Structure

WEIGHT
Lower Bound Upper Bound

TPSA
Lower Bound Upper Bound

CLOSE

	STRUCTURE	NICKNAME	CODE	ID	FORMULA	WEIGHT	LABELS	SOURCE	CREATED	CREATOR
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C ₁₇ H ₂₂ O ₂	518.56	2 ↗	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C ₁₇ H ₂₂ O ₂	518.56	2 ↗	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C ₁₇ H ₂₂ O ₂	518.56	2 ↗	Proprietary	11/12/19	

Inventory Selection 

Select inventory items to link with compounds.

[Add New Samples](#)

STATUS ^	CONTAINER TYPE ^	ALIQUOT VOLUME ^	ORIGIN ^	STORE CONDITION ^	PROPERTIES ^
Available	Plates and Tubes	Any Volume	Shipment or Run	All Storage	Any Property

Search

TYPE	NAME	ID	FORMAT	CONTENTS	CONDITION	CREATED	LAST USED	CODE
<input checked="" type="checkbox"/>	 My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	cold_20	March 12th, 2019	March 12th, 2019	FHX
<input checked="" type="checkbox"/>	 My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	cold_20	March 12th, 2019	March 12th, 2019	FHX
<input checked="" type="checkbox"/>	 My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	cold_20	March 12th, 2019	March 12th, 2019	FHX
<input checked="" type="checkbox"/>	 My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	cold_20	March 12th, 2019	March 12th, 2019	FHX

[Cancel](#)[Save](#)

Compounds

[+ Register Compound](#)[Reset](#)

10 Columns Shown



Show 12 ▾

 Search for Containers

STRUCTURE SIMILARITY

[Enter or Draw a Structure](#)

WEIGHT

Lower Bound

Upper Bound

TPSA

Lower Bound

Upper Bound

C LOGP

Lower Bound

Upper Bound

LABELS

 Tag Name X Tag Name X

SOURCE

Proprietary

CREATED

After

Before

CREATOR

 Any Organization Member

ARCHIVE STATUS

Active Structures Only

<input type="checkbox"/>	STRUCTURE	NICKNAME	CODE	ID	FORMULA	WEIGHT	LABELS	SOURCE	CREATED	CREATOR
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ↗	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ↗	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ↗	Proprietary	11/12/19	
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<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ↗	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ↗	Proprietary	11/12/19	

 1 compound was linked with 4 containers.

Bulk

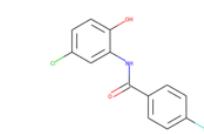
Bulk Link to Inventory

Upload **Summary** X

✓ Your file upload was successful!

[Cu+2].[O-]S(=O)(=O)[O-] 🔗

COMPOUND NAME



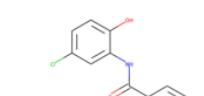
PCR Plate My Cool PCR Plate 384-pcr 0 aliquots 3 compounds

PCR Plate My Cool PCR Plate 384-pcr 0 aliquots 3 compounds

PCR Plate My Cool PCR Plate 384-pcr 0 aliquots 3 compounds

[Cu+2].[O-]S(=O)(=O)[O-] 🔗

COMPOUND NAME



PCR Plate My Cool PCR Plate 384-pcr 0 aliquots 3 compounds

PCR Plate My Cool PCR Plate 384-pcr 0 aliquots 3 compounds

[Back](#)

[Save](#)

Compounds

[+ Register Compound](#)[Reset](#)

10 Columns Shown



Show 12 ▾

 Search for Containers

STRUCTURE SIMILARITY

[Enter or Draw a Structure](#)

WEIGHT

Lower Bound

Upper Bound

TPSA

Lower Bound

Upper Bound

C LOGP

Lower Bound

Upper Bound

LABELS

 Tag Name X Tag Name X

SOURCE

Proprietary

CREATED

After

Before

CREATOR

 Any Organization Member

ARCHIVE STATUS

Active Structures Only

<input type="checkbox"/>	STRUCTURE	NICKNAME	CODE	ID	FORMULA	WEIGHT	LABELS	SOURCE	CREATED	CREATOR
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ↗	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ↗	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ↗	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ↗	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ↗	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ↗	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ↗	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ↗	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ↗	Proprietary	11/12/19	
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ↗	Proprietary	11/12/19	

Compounds

[+ Register Compound](#) Search for Containers[Reset](#)

10 Columns Shown

STRUCTURE SIMILARITY

[Enter or Draw a Structure](#)

WEIGHT

[Lower Bound](#)[Upper Bound](#)

TPSA

[Lower Bound](#)[Upper Bound](#)

C LOGP

[Lower Bound](#)[Upper Bound](#)

LABELS

[Tag Name X](#)[Tag Name X](#)

SOURCE

Proprietary

CREATED

[After](#)[Before](#)

CREATOR

 Any Organization Member

ARCHIVE STATUS

Active Structures Only

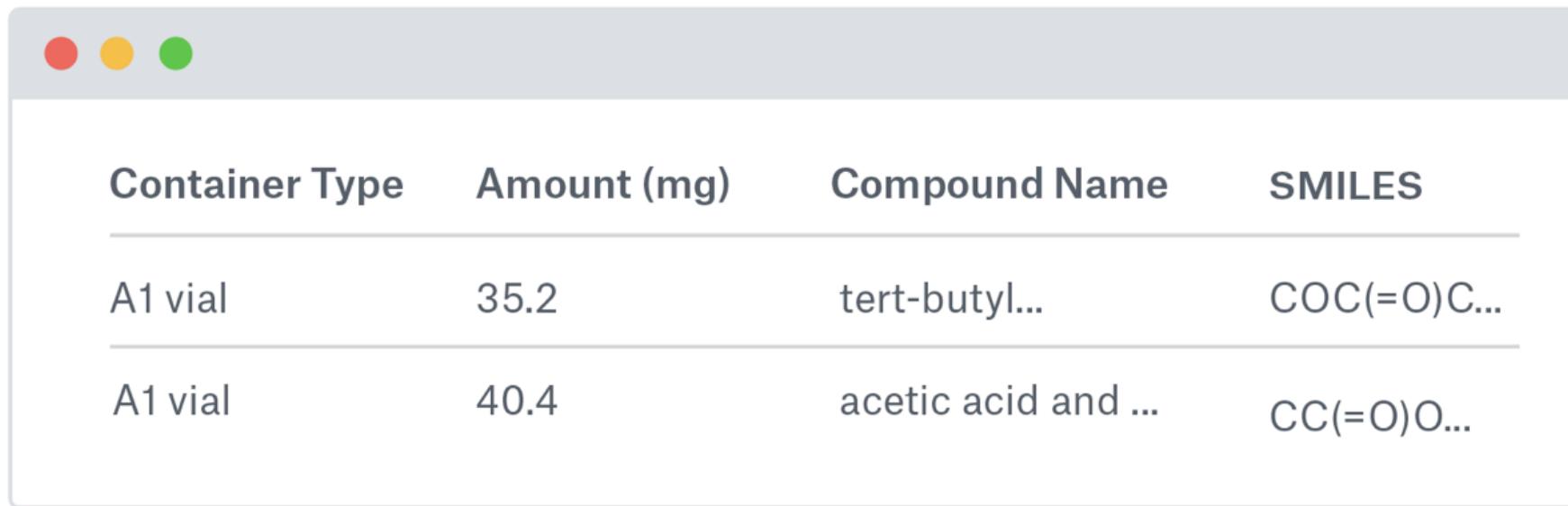
<input type="checkbox"/>	STRUCTURE	NICKNAME	CODE	ID	FORMULA	WEIGHT	LABELS	SOURCE	ACTIONS
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ➡️	Proprietary	11/12/19
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ➡️	Proprietary	11/12/19
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ➡️	Proprietary	11/12/19
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ➡️	Proprietary	11/12/19
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ➡️	Proprietary	11/12/19
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ➡️	Proprietary	11/12/19
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ➡️	Proprietary	11/12/19
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ➡️	Proprietary	11/12/19
<input type="checkbox"/>		Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2 ➡️	Proprietary	11/12/19

Actions

[Bulk Link to Inventory](#)

Link registered compounds with existing inventory.

Upload a CSV that follows our template. The columns for barcode, volume or mass, and Compound ID or SMILES string must be filled. Feel free to add your own columns.



Container Type	Amount (mg)	Compound Name	SMILES
A1 vial	35.2	tert-butyl...	COC(=O)C...
A1 vial	40.4	acetic acid and ...	CC(=O)O...

[Reference Document](#)[Select Container Type](#)[Download Template](#)[Upload Completed Template](#)[Back](#)[Next](#)

	A	B	C	D	E	F	G	H	I	J
1	Container Type	Barcode	Well Name	Volume (ul)	Amount (mg)	Storage Temp (c)	Compound ID	Smiles	Compound Name	Reference ID
2	A1vial	200000C25	01_A		35.3			CC(C)(C)OC(=O) tert-butyl 4-[(4-br	EN300-64107	
3	A1vial	200000C21	01_B		36.7			CC(C)(C)OC(=O) tert-butyl N-[2-hy	EN300-746626	
4	A1vial	200000CHP	01_C		36.6			C[C@H](NC(=O) tert-butyl N-[(1S)-	EN300-1588032	
5	A1vial	200000CH7	01_D		36.2			CC(C)(C)OC(=O) tert-butyl 5-bromo	EN300-206097	
6	A1vial	200000CGH	01_E		35.5			CC(C)(C)OC(=O) tert-butyl N-[3-(6-	EN300-6472538	
7	A1vial	200000CGV	01_F		37.9			CC(C)(C)OC(=O) tert-butyl N-{1-[4-	EN300-300002	
8	A1vial	200000CH2	02_A		39.2			CC(C)(C)OC(=O) tert-butyl (1R,5S)	EN300-134335	
9	A1vial	200000CHK	02_B		36.8			COC(=O)C=1C= methyl 2-amino-4	EN300-6472564	
10	A1vial	200000CHM	02_C		36			Cl.CI.CC(C)(C)O tert-butyl 3-[(2-a	EN300-366467	
11	A1vial	200000CH8	02_D		36.7			Cl.CC(C)(C)OC(- tert-butyl N-(3-{[('	EN300-211283	
12	A1vial	200000CH4	02_E		42.2			CC(C)(C)OC(=O) tert-butyl 6-(benz	EN300-6476997	
13	A1vial	200000C6M	02_F		27.8			CC(C)(C)OC(=O) tert-butyl 4-(4-am	EN300-237589	
14	A1vial	200000CGU	03_A		37.8			CC(C)(C)OC(=O) tert-butyl 1-bromo	EN300-708712	
15	A1vial	200000CHH	03_B		39.8			CN1C(I)=CN=C1 tert-butyl 2-(5-iod	EN300-6730309	
16	A1vial	200000CHF	03_C		36.8			CC(C)(C)OC(=O) tert-butyl N-{2-[(5	EN300-247584	
17	A1vial	200000C28	03_D		38.8			CC(C)(C)OC(=O) tert-butyl 6-bromo	EN300-261705	
18	A1vial	200000CGX	03_E		40.4			CC(C)(C)OC(=O) tert-butyl 8-fluoro	EN300-6480700	
19	A1vial	200000C6J	03_F		36.8			CC=1C=CC(=CC tert-butyl 4-[(4-nr	EN300-54177	
20	A1vial	200000C2G	04_A		36.5			CC(C)(C)OC(=O) tert-butyl N-[(3-{[('	EN300-131378	
21	A1vial	200000C2B	04_B		36.9			CC(C)(C)OC(=O) tert-butyl N-{1-[(3	EN300-131731	
22	A1vial	200000C23	04_C		39.5			CC(C)(C)OC(=O) tert-butyl N-{1-[(2-	EN300-1708834	
23	A1vial	200000CHO	04_D		37.3			CC(=O)O.CC(C) acetic acid; tert-b	EN300-751121	
24	A1vial	200000CHD	04_E		39			CC(C)(C)OC(=O) tert-butyl 4-[(1,3-I	EN300-6482282	
25	A1vial	200000C6L	04_F		40.3			CC(OC=1C=CC(tert-butyl N-{4-[(1-	EN300-244531	
26	A1vial	200000C1Y	05_A		38.8			CC(C)(C)OC(=O) tert-butyl N-[(3R)-	EN300-6493838	
27	A1vial	200000C26	05_B		39.7			CC1=NNC(N2CC tert-butyl 4-(4-iod	EN300-1720604	
28	A1vial	200000CH9	05_C		36.5			CC(C)(C)OC(=O) tert-butyl N-{2-[(3	EN300-248267	
29	A1vial	200000CHQ	05_D		38.9			COC(=O)C=1SC methyl 3-[(tert-bu	EN300-255911	
30	A1vial	200000CHC	05_E					OC(=O) rac-tert-butyl (1R	EN300-6477889	
31	A1vial	200000C6N	05_F					OC(=O) tert-butyl 3-[(4-te	EN300-344408	
32	A1vial	200000C1X	06_A					OC(=O) tert-butyl N-[8-(tri	EN300-250607	

Completed Template

Link registered compounds with existing inventory.

Upload a CSV that follows our template. The columns for barcode, volume or mass, and Compound ID or SMILES string must be filled. Feel free to add your own columns.

Container Type	Amount (mg)	Compound Name	SMILES
A1 vial	35.2	tert-butyl...	COC(=O)C...
A1 vial	40.4	acetic acid and ...	CC(=O)O...

Reference Document

Select Container Type

[Download Template](#)

 [Upload Completed Template](#)

[Back](#)

[Next](#)

Bulk Link to Inventory

[Upload](#)[Summary](#)

MyCSVFile.csv

17 lines

Placeholder



	Container Type	Amount (mg)	Smiles	Header	Header
1					
!	2 a1_vial	14	CN1C(I)=CN=O...	gBN8S	gBN8S
⚠	3 a1_vial	18.3	CC(C)(C)OC(=O...	iVBr	iVBr
⚠	4 a1_vial	16.2	CC(C)(C)OC(=O...	gBN8S	gBN8S

❗ Line 2: Compound not found. [Register this compound.](#)

⚠ Line 3 & 4: The same link is repeated.

Reupload

Back

Save

Bulk Link to Inventory

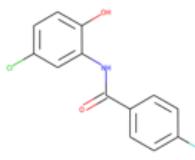
[Upload](#)[Summary](#)

✓ Your file upload was successful!

[Cu+2].[O-]S(=O)(=O)[O-]



COMPOUND NAME



My Cool PCR Plate

384-pcr

0 aliquots

3 compounds



My Cool PCR Plate

384-pcr

0 aliquots

3 compounds



My Cool PCR Plate

384-pcr

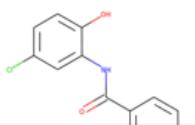
0 aliquots

3 compounds

[Cu+2].[O-]S(=O)(=O)[O-]



COMPOUND NAME



My Cool PCR Plate

384-pcr

0 aliquots

3 compounds



My Cool PCR Plate

384-pcr

0 aliquots

3 compounds

[Back](#)[Save](#)

Inventory Creation

strateos

Projects

Inventory

Inventory > Add New Samples

Add New Samples

Thanks for adding new samples to your inventory!

Shipment instructions

Label Containers

Use the summary to clearly label each container with the provided 3 letter code. (no need for full sample name)

 My Cool PCR Plate ... FHX

Ship containers to Strateos

Please use the following intake code to ship the containers: **XXXX**

Summary

NAME	ID	TYPE	CONTENTS	COMPOUNDS	CODE
 My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	3 compounds	FHX
 My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	3 compounds	FHX
 My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	3 compounds	FHX
 My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	3 compounds	FHX
 My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	3 compounds	FHX
 My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	3 compounds	FHX
 My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	3 compounds	FHX
 My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	3 compounds	FHX

Done

Add New Samples

Select containers to prepare for shipment.

CONTAINER TYPE

 + ADD

 Bulk upload container information.

Back

Create Shipment

Add New Samples

Select containers to prepare for shipment.

CONTAINER TYPE

   Bulk upload container information.

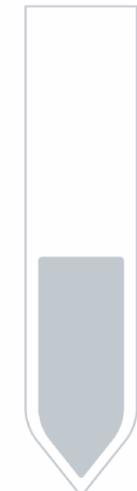
Add details to containers.

CONTAINERS

Plate Name

Plate Name



VIAL OVERVIEW

Storage Temperature

Aliquot Name

Container Type

Volume

Compounds



Add New Samples

Select containers to prepare for shipment.

CONTAINER TYPE

Placeholder

+ ADD

Bulk upload container information.

Add details to containers.

CONTAINERS

Plate Name

Instructions: Click a well, letter, or number to indicate wells with volume
(custom naming wells is optional). Or, use our [CSV template](#) to map your
samples.

PLATE OVERVIEW

Storage Temperature

Compound Selection

Search by Compound Name, ID, or Ref ID

STATUS

Active

SOURCE

Proprietary

ADDITIONAL FILTERS

	NICKNAME	REF ID	ID	FORMULA	WEIGHT	LABELS	SOURCE	DATE CREATED	CREATOR
<input type="checkbox"/>	Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2	Proprietary	11/12/19	
<input type="checkbox"/>	Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2	Proprietary	11/12/19	
<input type="checkbox"/>	Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2	Proprietary	11/12/19	
<input type="checkbox"/>	Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2	Proprietary	11/12/19	
<input type="checkbox"/>	Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56	2	Proprietary	11/12/19	

Done

Add New Samples

Select containers to prepare for shipment.

CONTAINER TYPE

Placeholder

+ ADD

Bulk upload container information.

Add details to containers.

CONTAINERS

Plate Name

Instructions: Click a well, letter, or number to indicate wells with volume
(custom naming wells is optional). Or, use our [CSV template](#) to map your

PLATE OVERVIEW

Storage Temperature

Compound Selection

<input type="text"/> Search by Nickname, Ref ID, ID, or Smiles		STATUS	SOURCE	TPSA	ADDITIONAL FILTERS		
		Active	Proprietary	Min	Max	<input checked="" type="checkbox"/> FORMULA / NAME/ ID	<input type="checkbox"/> WEIGHT
<input type="checkbox"/>	Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56		Proprietary
<input type="checkbox"/>	Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56		Proprietary
<input type="checkbox"/>	Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56		Proprietary 11/12/19
<input type="checkbox"/>	Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56		Proprietary 11/12/19
<input type="checkbox"/>	Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56		Proprietary 11/12/19

Done

Add New Samples

Select containers to prepare for shipment.

CONTAINER TYPE

Placeholder

+ ADD

Bulk upload container information.

Add details to containers.

CONTAINERS

Plate Name

Instructions: Click a well, letter, or number to indicate wells with volume
(custom naming wells is optional). Or, use our [CSV template](#) to map your

PLATE OVERVIEW

Storage Temperature

Compound Selection

<input type="text"/> Search by Nickname, Ref ID, ID, or Smiles		STATUS	SOURCE	TPSA	ADDITIONAL FILTERS		
		Active	Proprietary	Min	Max	<input checked="" type="checkbox"/> FORMULA / NAME/ ID	
<input checked="" type="checkbox"/>	Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56		Proprietary
<input checked="" type="checkbox"/>	Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56		Proprietary
<input type="checkbox"/>	Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56		Proprietary 11/12/19
<input type="checkbox"/>	Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56		Proprietary 11/12/19
<input type="checkbox"/>	Cool Compound 123	abc123	p1c9d7d794ceg	C17H22O2	518.56		Proprietary 11/12/19

Done

Add New Samples

Select containers to prepare for shipment.

CONTAINER TYPE

   Bulk upload container information.

Add details to containers.

CONTAINERS

Plate Name

Plate Name



VIAL OVERVIEW

Storage Temperature

Aliquot Name

Container Type

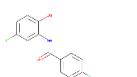
Volume

Compounds

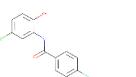
[Cu+2].[O-]S(=O)(=O)[O-] 

COMPOUND NAME



[Cu+2].[O-]S(=O)(=O)[O-] 

COMPOUND NAME



Link Compounds

Back

Create Shipment

Add New Samples

Thanks for adding new samples to your inventory!

Shipment instructions

Label Containers

Use the summary to clearly label each container with the provided 3 letter code. (no need for full sample name)

 My Cool PCR Plate ... FHX

Ship containers to Strateos

Please use the following intake code to ship the containers: **XXXX**



Summary

NAME	ID	TYPE	CONTENTS	COMPOUNDS	CODE
 My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	3 compounds	FHX
 My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	3 compounds	FHX
 My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	3 compounds	FHX
 My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	3 compounds	FHX
 My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	3 compounds	FHX
 My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	3 compounds	FHX
 My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	3 compounds	FHX
 My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	3 compounds	FHX

Done

Summary

created 3 flows
to address specific
user needs

Compounds

+ Register Compound

STRUCTURE NICKNAME CODE ID FORMULA WEIGHT LABELS SOURCE CREATED CREATOR

STRUCTURE SIMILARITY Enter or Draw a Structure

WEIGHT Lower Bound Upper Bound

TPSA Lower Bound Upper Bound

Inventory Selection Add New Samples

STATUS ^ CONTAINER TYPE ^ ALIQUOT VOLUME ^ ORIGIN ^ STORE CONDITION ^ PROPERTIES ^

Available Plates and Tubes Any Volume Shipment or Run All Storage Any Property

TYPE NAME ID FORMAT CONTENTS CONDITION CREATED LAST USED CODE

Cancel Save

Type	Name	ID	Format	Contents	Condition	Created	Last Used	Code
My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	cold_20	March 12th, 2019	March 12th, 2019	FHX	
My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	cold_20	March 12th, 2019	March 12th, 2019	FHX	
My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	cold_20	March 12th, 2019	March 12th, 2019	FHX	
My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	cold_20	March 12th, 2019	March 12th, 2019	FHX	
My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	cold_20	March 12th, 2019	March 12th, 2019	FHX	

Summary

Integrating linking into inventory creation process resulted in a redesign of the experience.

The screenshot shows a confirmation message: "Thanks for adding new samples to your inventory. Please ship them to us." Below this is a "SHIPPING INSTRUCTIONS" section. It contains two steps: 1. "Aliquot to Transcriptive Containers" with a note about labeling and a placeholder for a sample card showing "ABC Forward Primer 1". 2. "Ship Containers to Transcriptive" with a note about writing an intake code and a placeholder for a shipping label showing "Transcriptive, Inc ATTN: Accessioning JVBR 3565 Haven Avenue Suite 3 Menlo Park, CA 94025". A blue "Ok, got it" button is at the bottom. At the very bottom is a "NEW SAMPLES" section showing "Plate 1" with "1 aliquots (96-pcr)" and "Created Aug 21, 2019".

Current Design

The screenshot shows the "Add New Samples" page with a "Summary" table on the right. The table lists eight entries for "My Cool PCR Plate" with various IDs, types, and compound counts. The "Shipment instructions" and "Label Containers" sections are identical to the current design. The "Ship containers to Strateos" section has been removed. A "Done" button is at the bottom right of the summary table.

NAME	ID	TYPE	CONTENTS	COMPOUNDS	CODE
My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	3 compounds	FHX
My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	3 compounds	FHX
My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	3 compounds	FHX
My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	3 compounds	FHX
My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	3 compounds	FHX
My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	3 compounds	FHX
My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	3 compounds	FHX
My Cool PCR Plate	ct1cwfq4r8sx2mj	384-pcr	0 aliquots	3 compounds	FHX

Proposed Design