CAS

SciFinder^{n}

Quick Reference Guide

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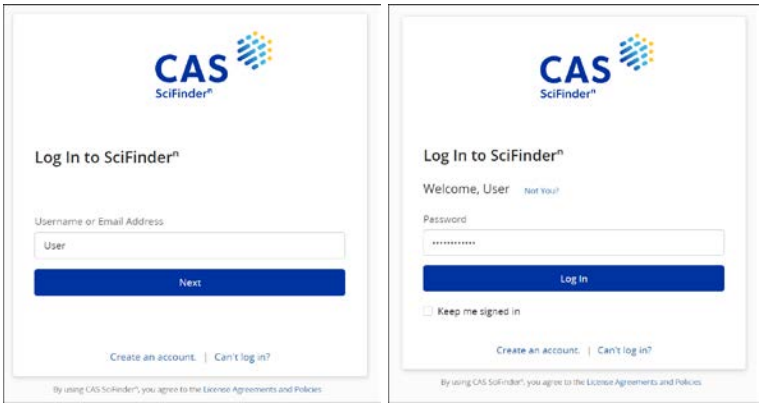
Welcome to CAS SciFinder[n]

This Quick Reference Guide will show you how to start using CAS SciFinder[n], the industry's most trusted and comprehensive chemistry relevance engine.

First, open the CAS SciFinder[n] Login page: https://scifinder-n.cas.org.

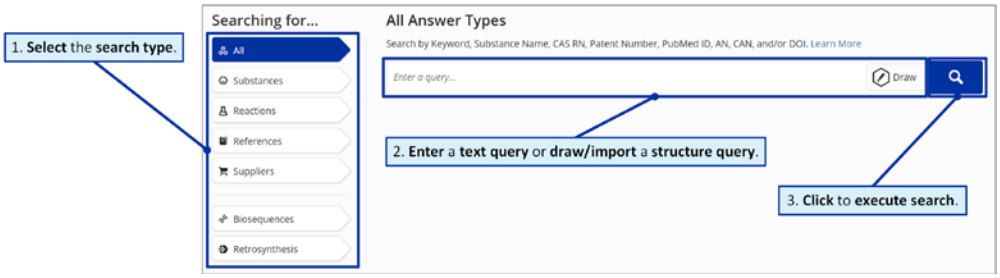
Log in using your CAS SciFinder® **Username** and **Password**.



Search

Search for the result type you need using a keyword, substance name, CAS Registry Number®, patent number, or structure.

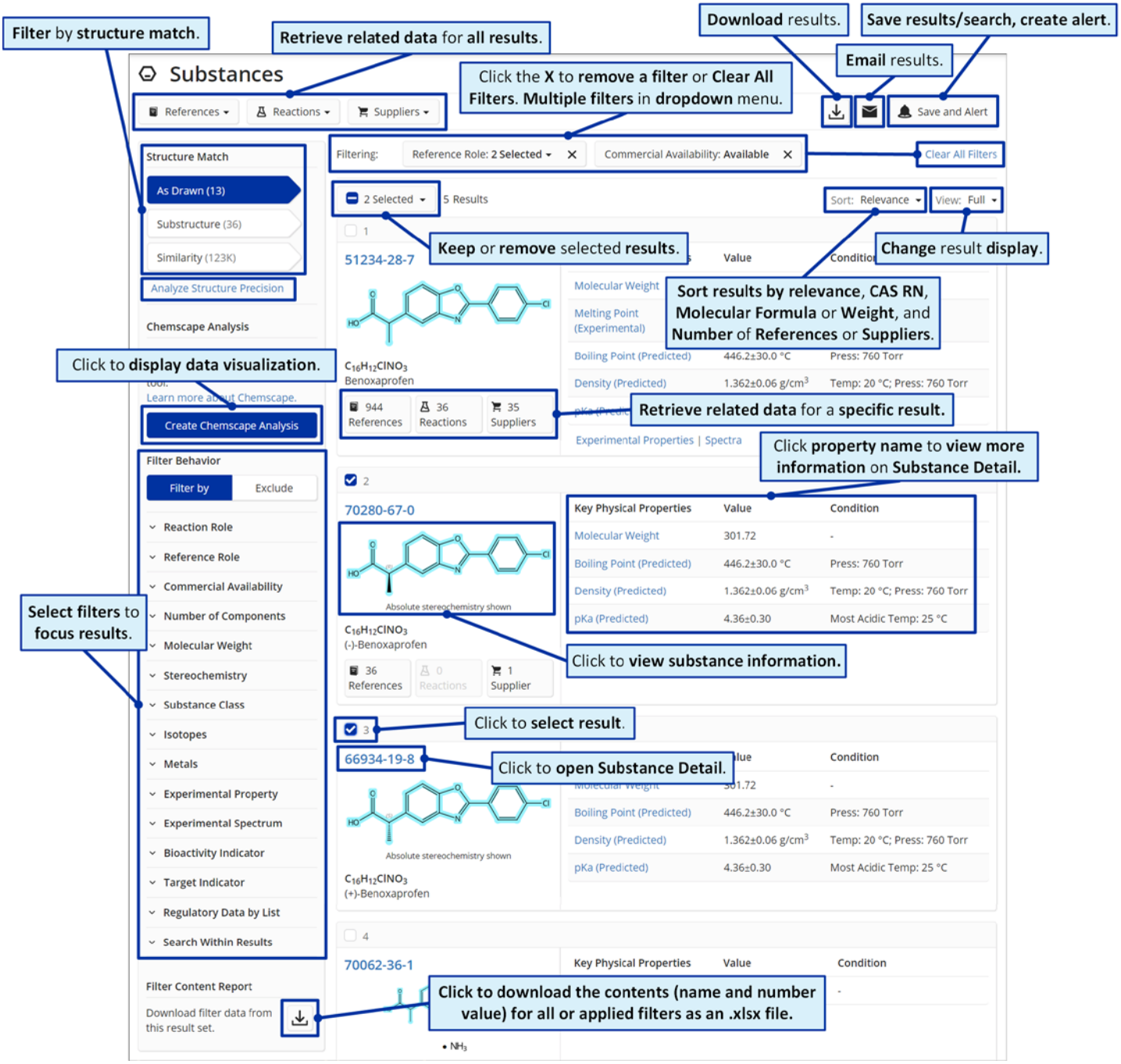
Note: You may enter a document object identifier (DOI) in the **All** and **References** searches.



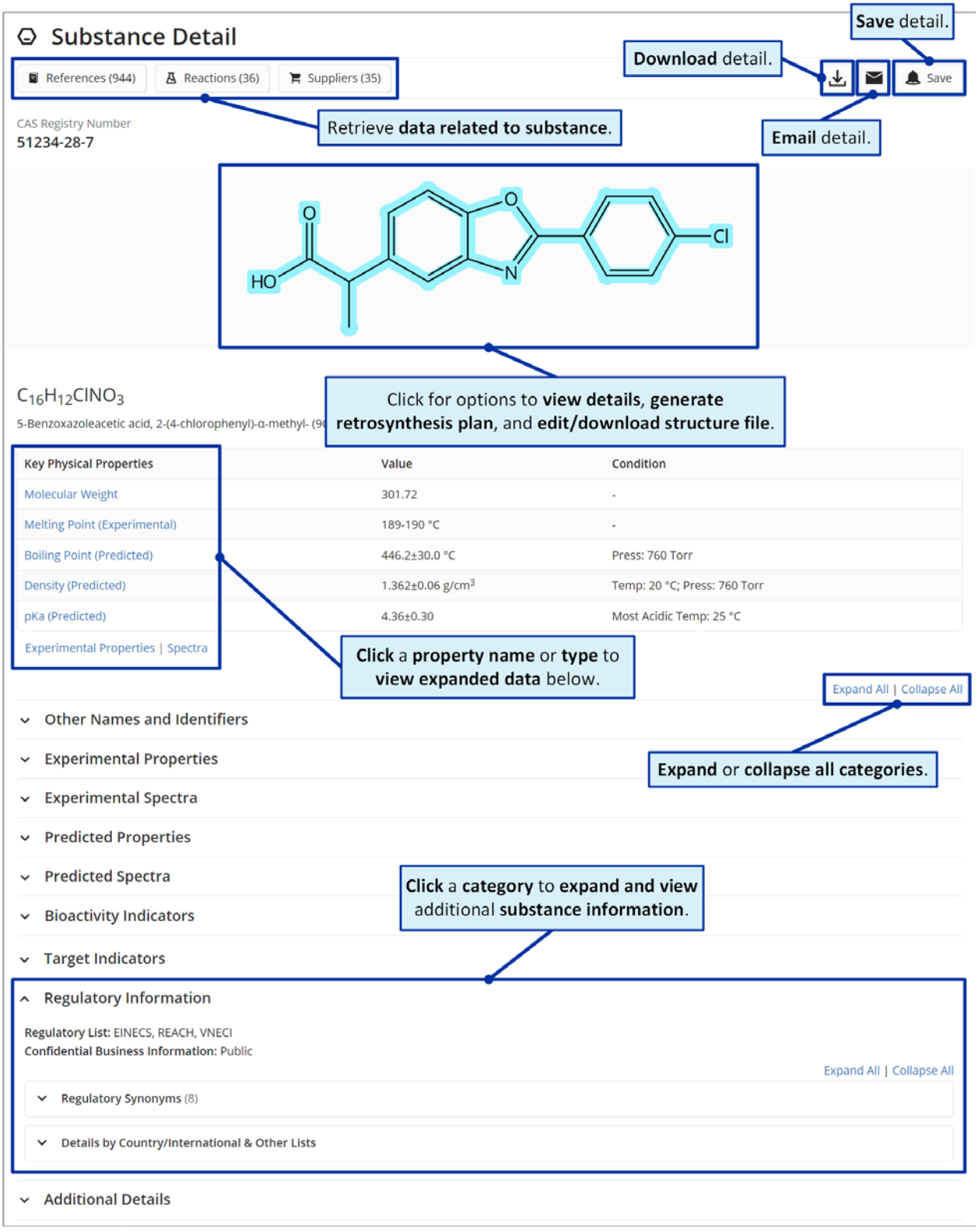
Using **Advanced Search** for **References** and **Substances**, you may search by specific information type (e.g., author name or substance property).

Patent Markush Search: To conduct a patent markush search, select **Substances**, draw/import the query using the Structure Editor, and then check the box for **Search Patent Markush**.

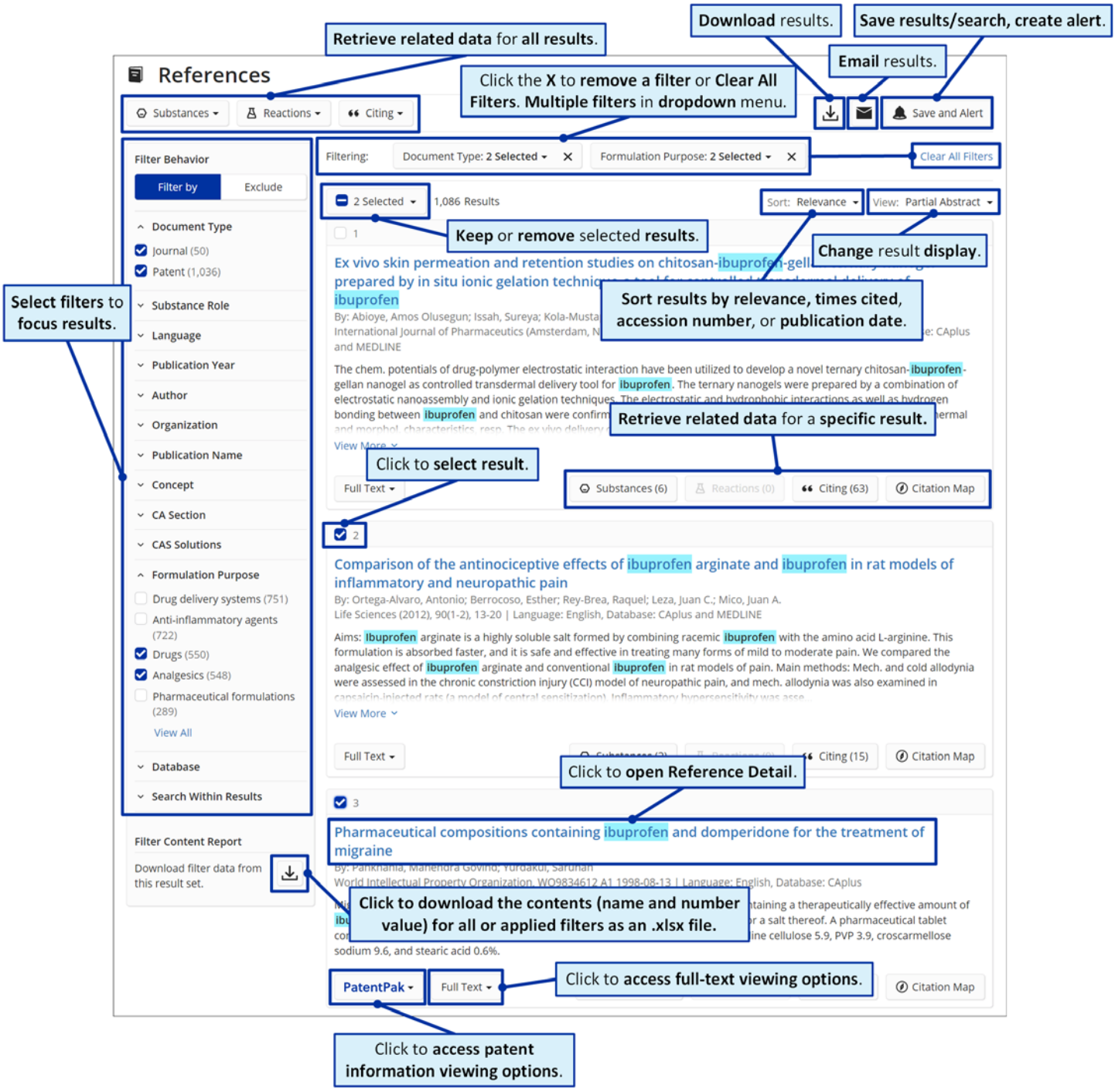
Substance Results



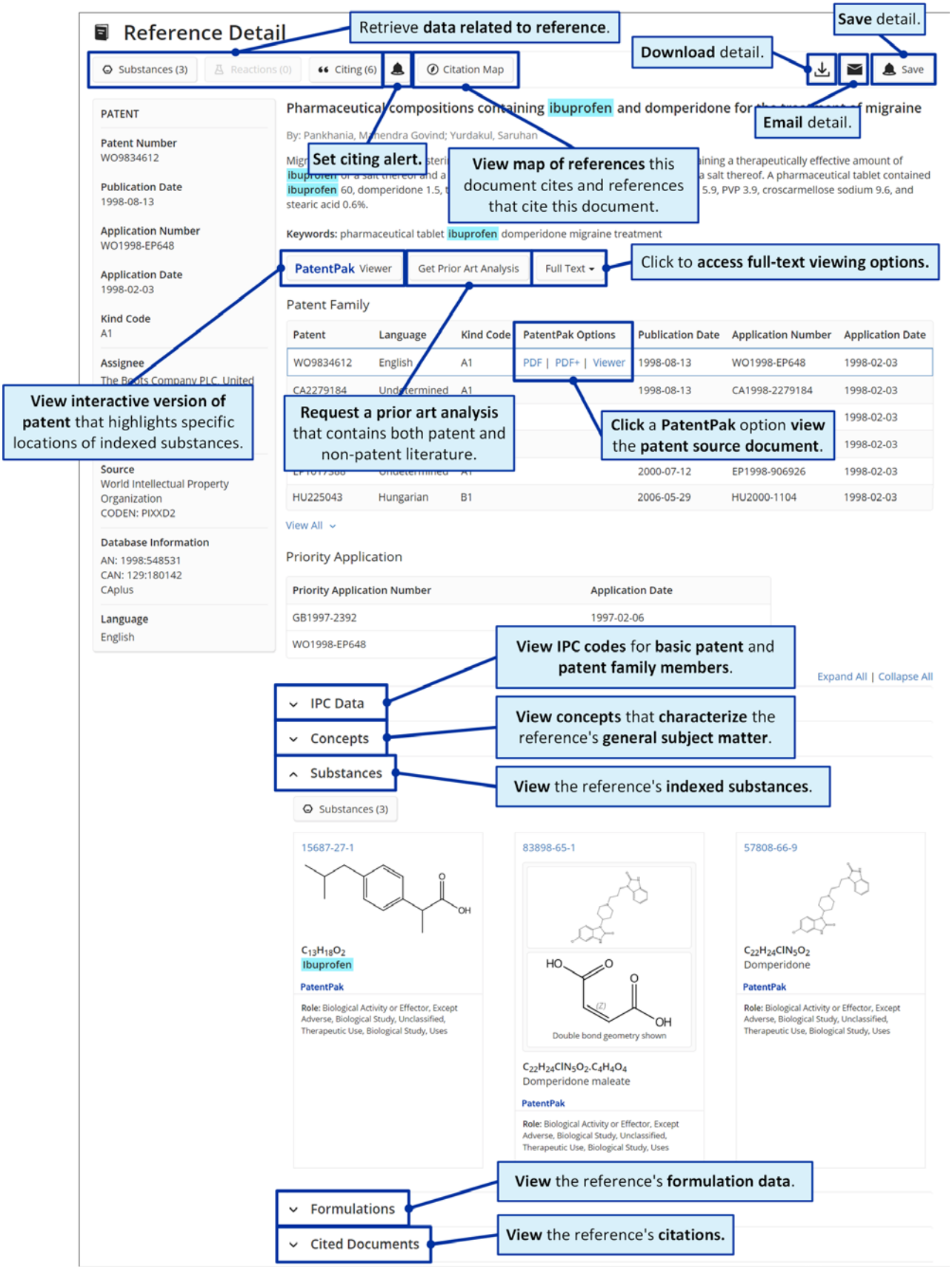
Substance Detail



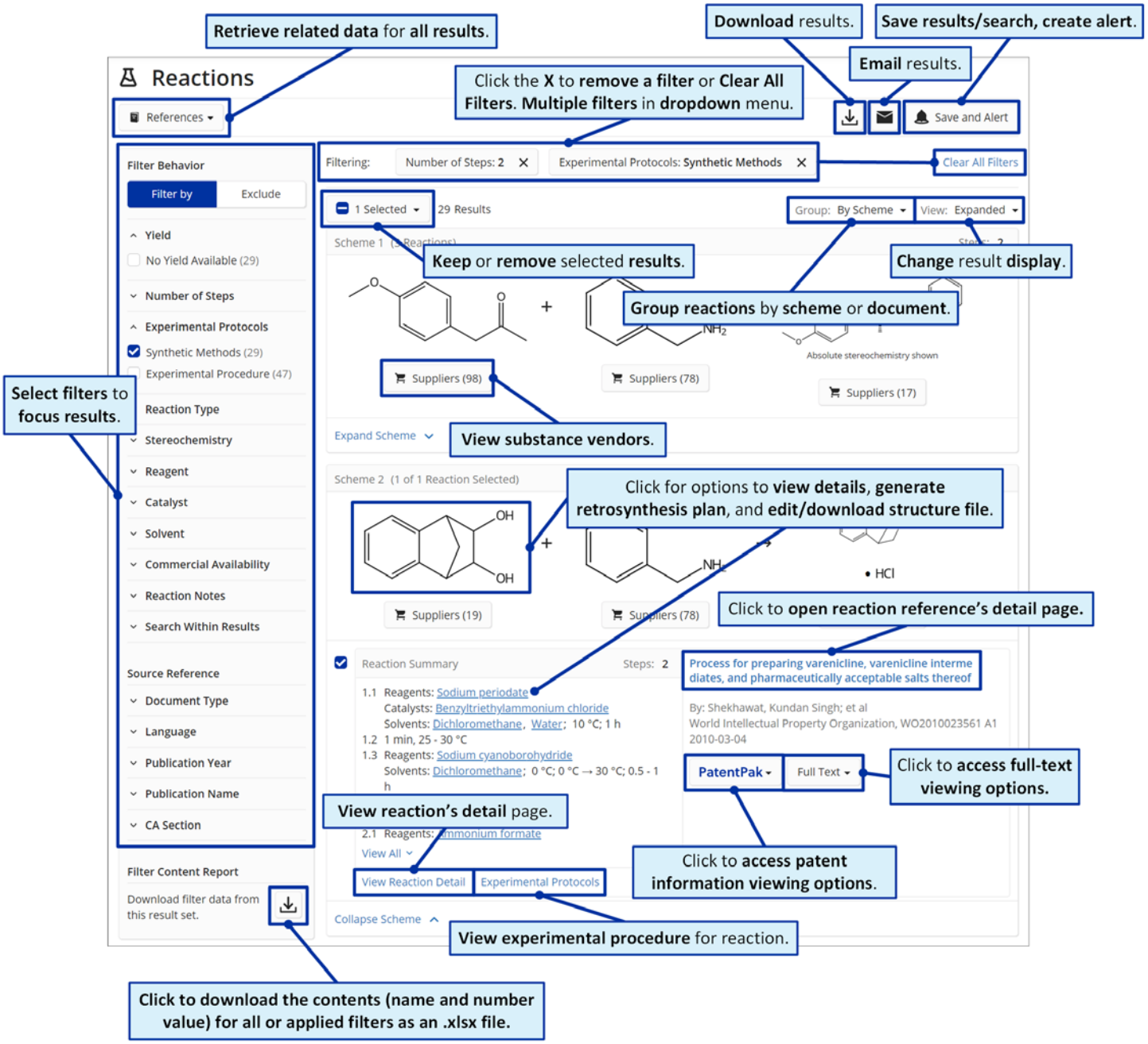
Reference Results



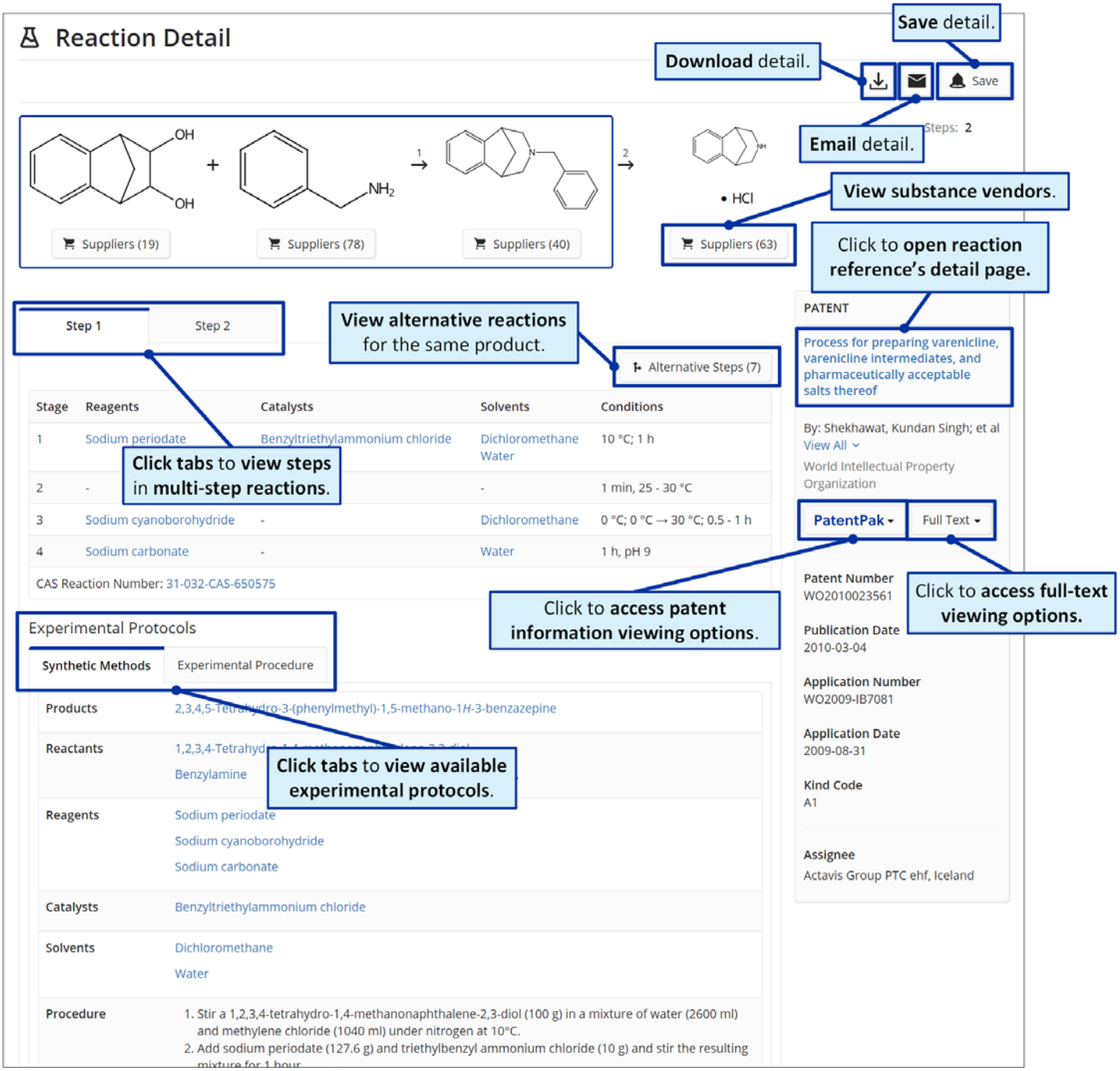
Reference Detail



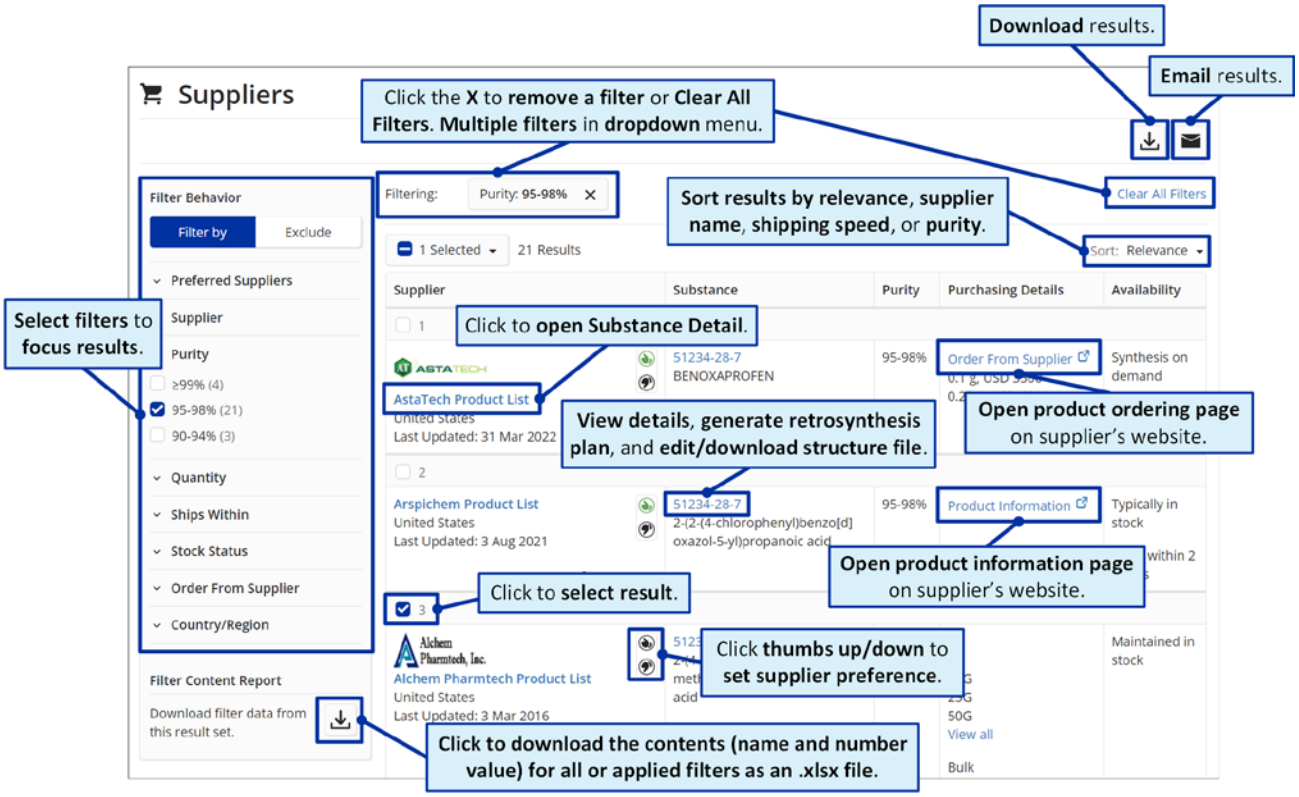
Reaction Results



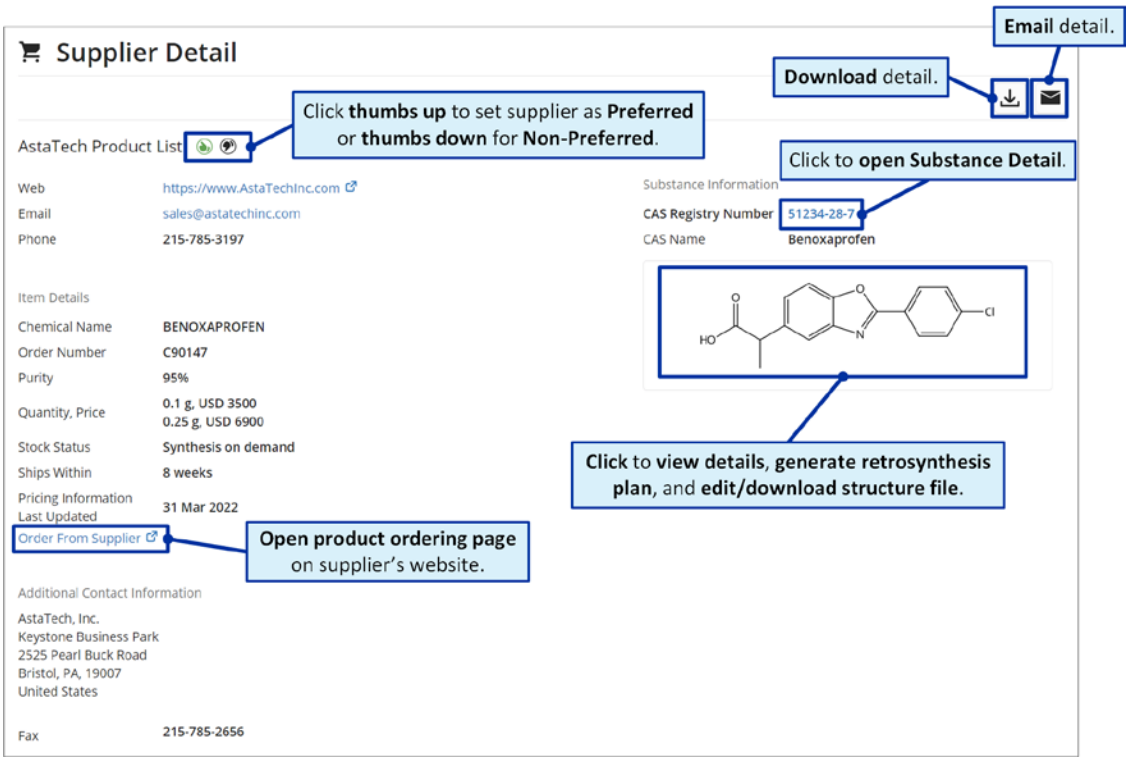
Reaction Detail



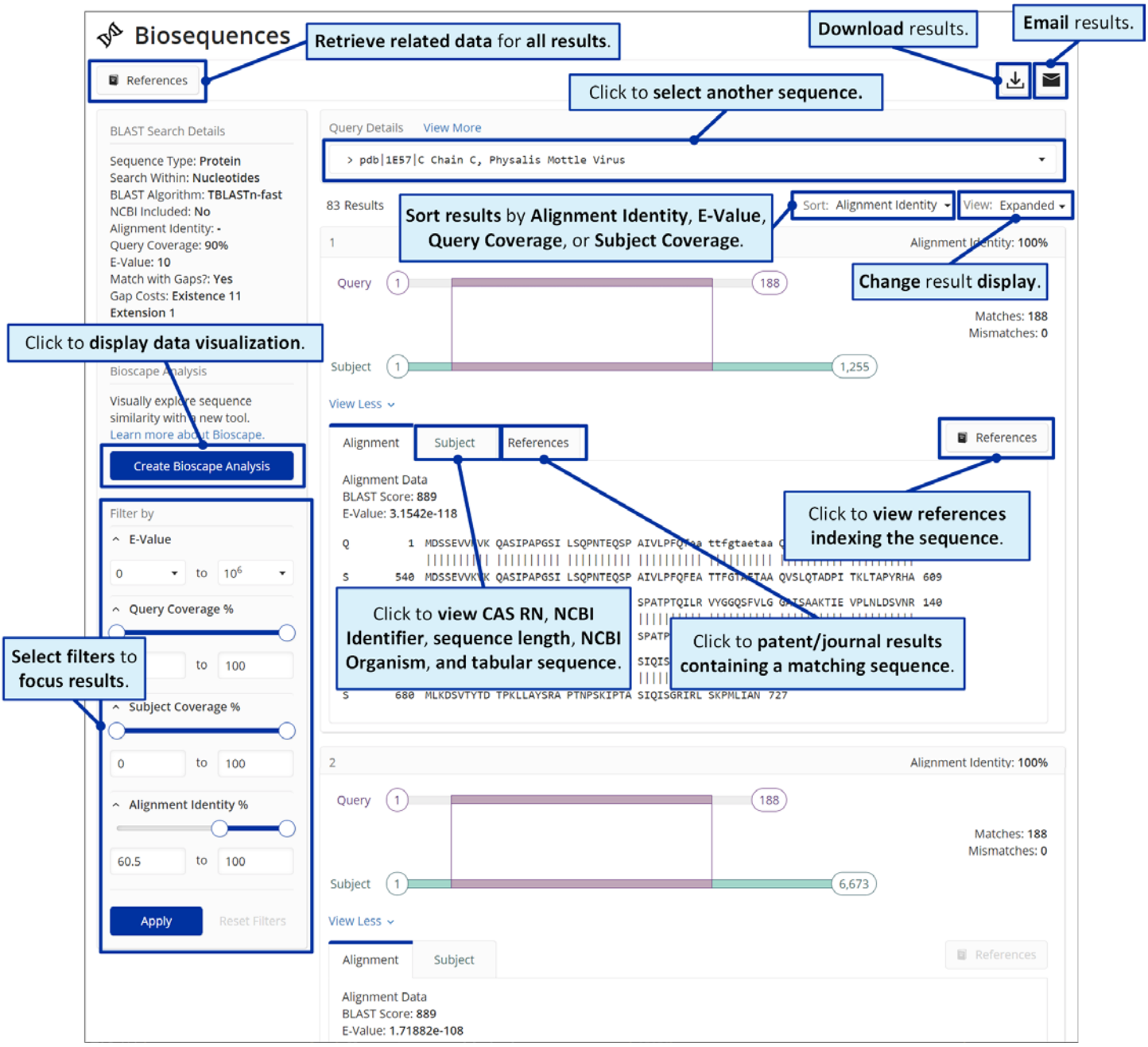
Supplier Results



Supplier Detail

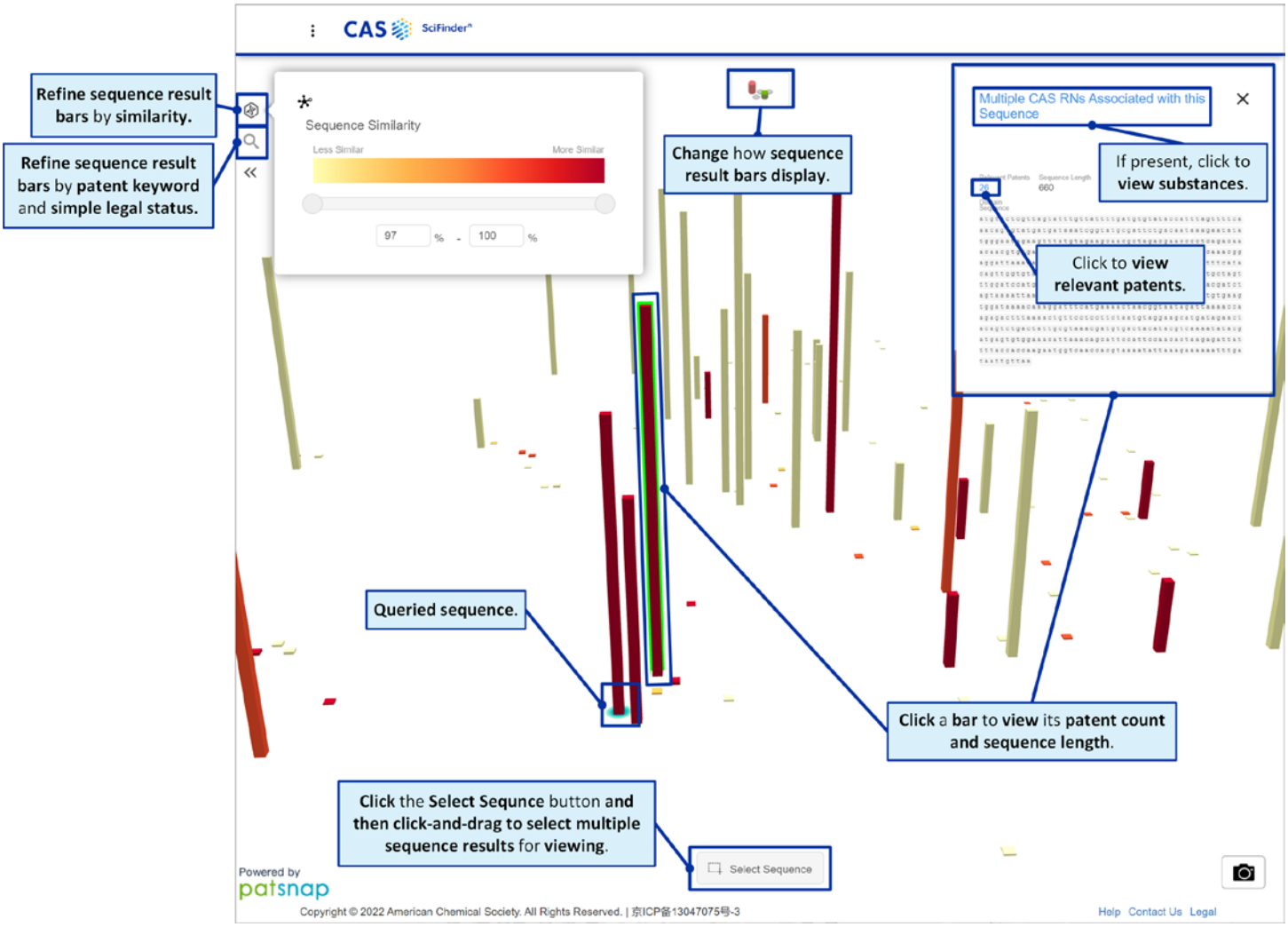


Biosequence Results



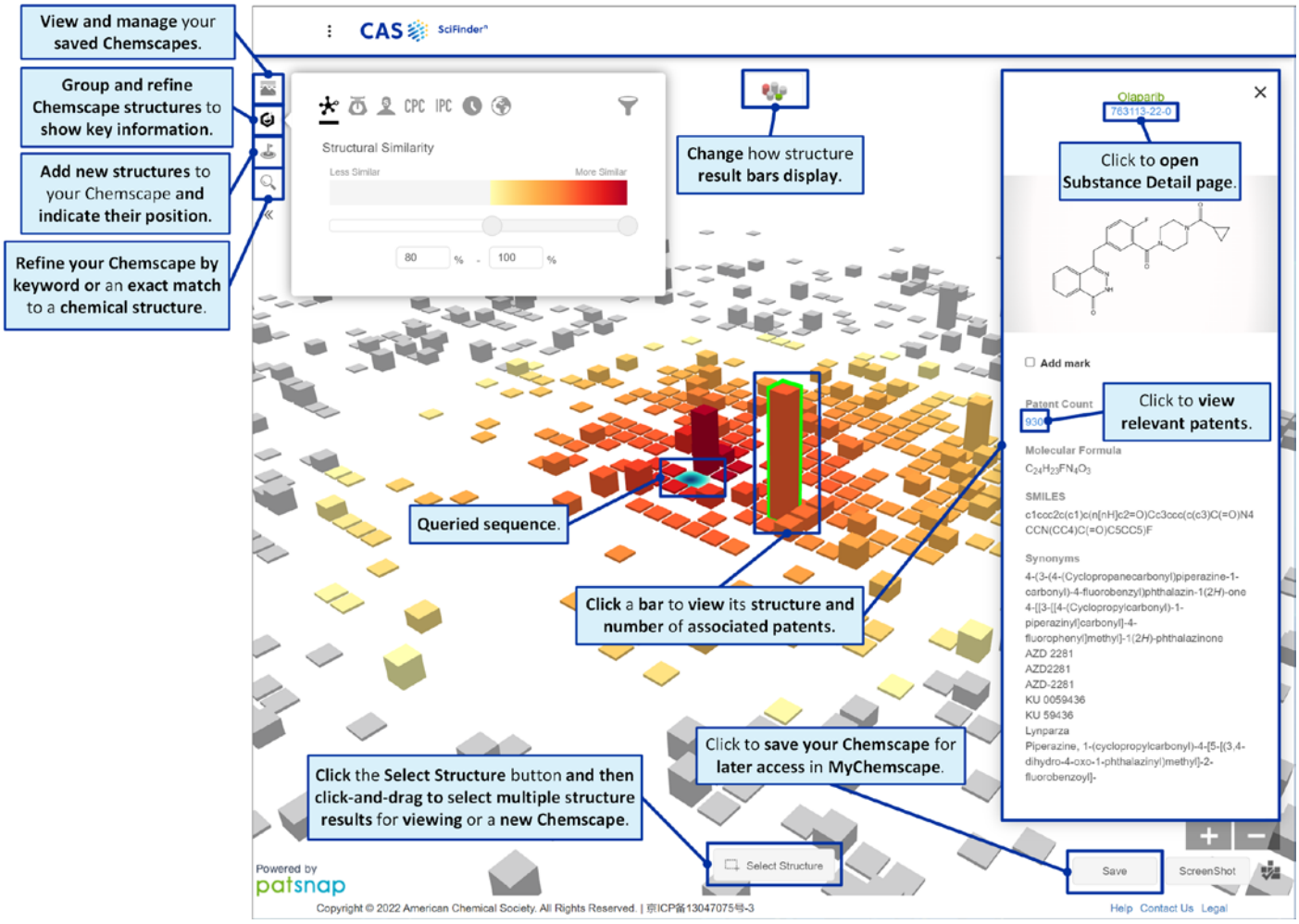
Bioscape

Bioscape visualizes the similarity and patent landscape for a set of sequence results. The location of the sequence bar in the visualization corresponds to the similarity of the sequence to the query, and the height of the sequence bar corresponds to the number of patents in which the sequence has been published.

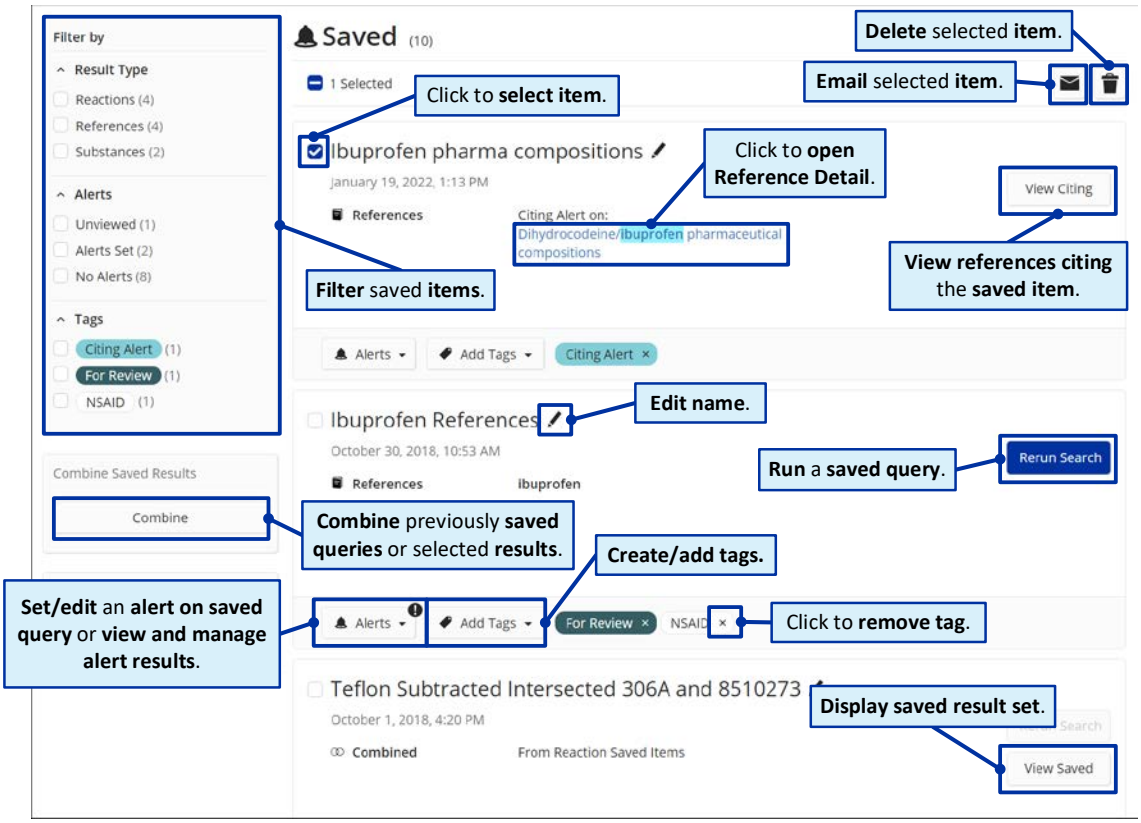


Chemscape

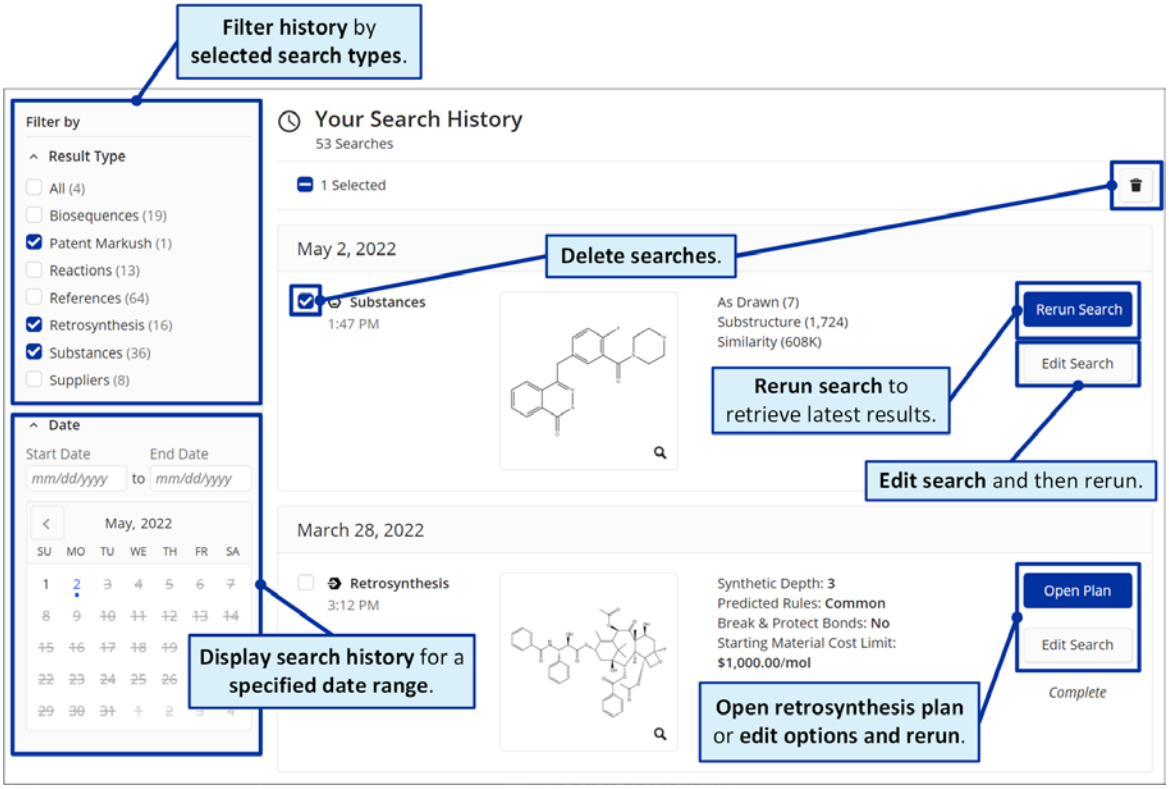
Chemscape visualizes the similarity and patent landscape for a set of substance results. The location of the substance bar in the visualization corresponds to the similarity of the substance to the query and the height of the substance in the visualization corresponds to the number of patents in which the substance has been published.



Saved Searches and Results



Search History



CAS SciFinder[n] Support

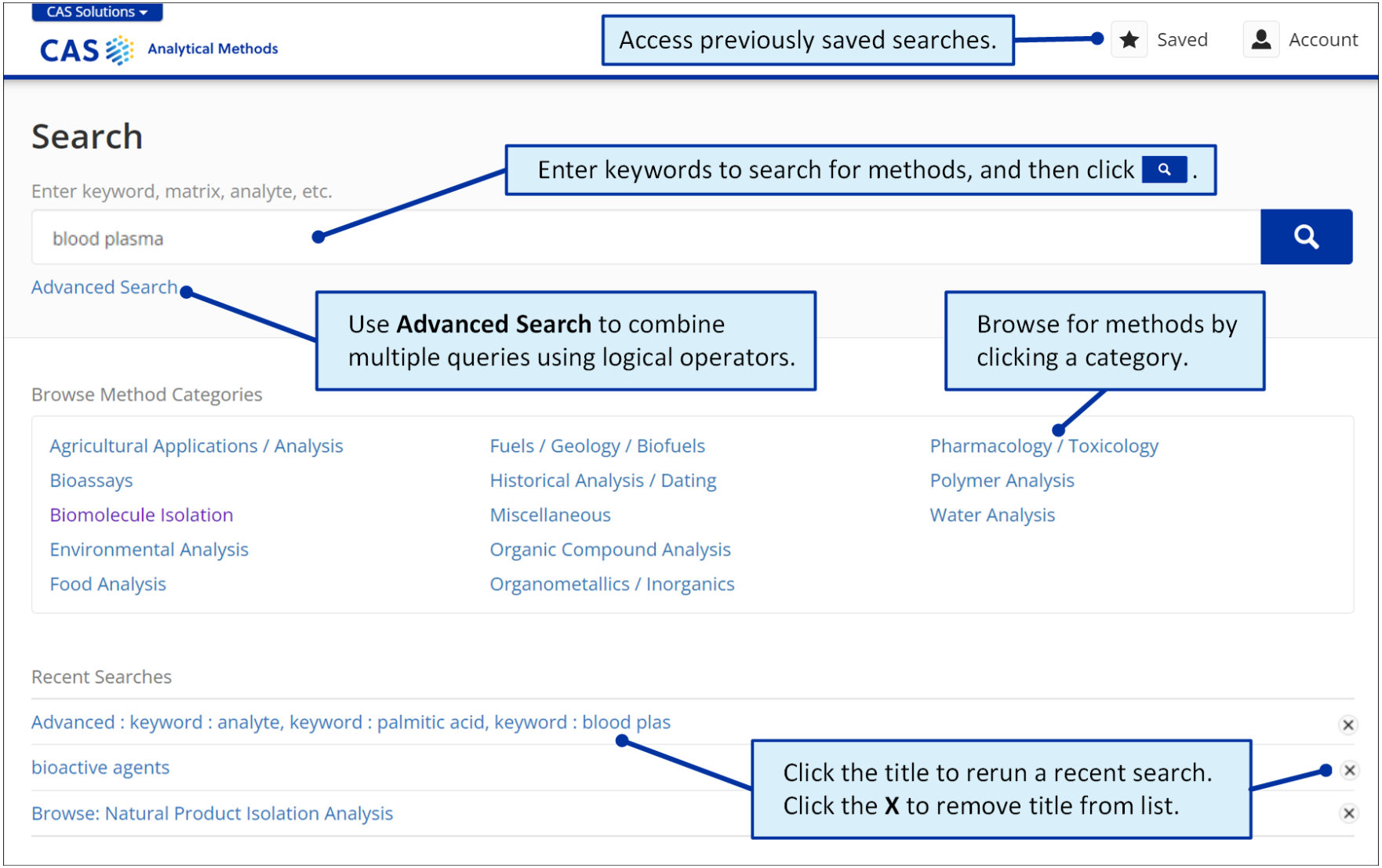
To access CAS SciFinder[n] in-application support, click the **Help** link at the bottom of any page or select **Help** from the **Account** menu.

For additional assistance using CAS SciFinder[n], please contact the **CAS Customer Center**:

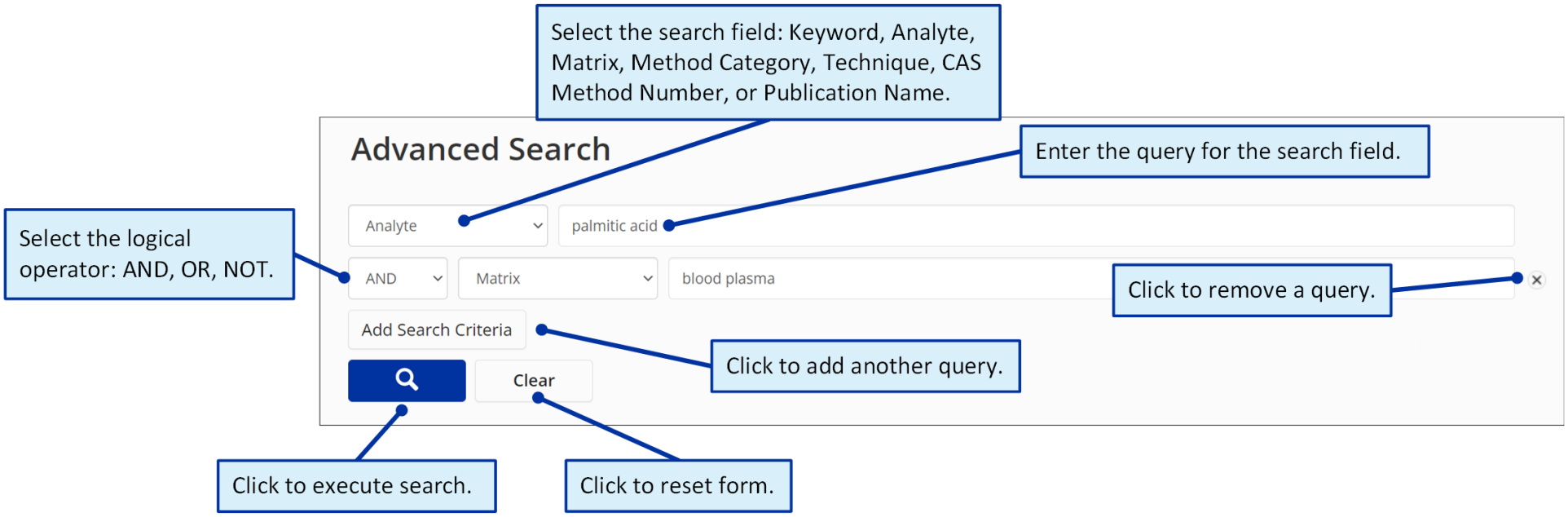
- **Hours:** 8:00 a.m. to 6:00 p.m. EST Monday – Friday.
- **Phone:**
  - 1-800-753-4227 (North America)
  - +1-614-447-3700 (outside North America)
    - **Option 2:** General information or account-related questions
    - **Option 3:** Assistance with search strategies, database content, or using a product
    - **Option 4:** Technical assistance with software set up, installation, and configuration
- **Email:** help@cas.org
- **Web:** https://www.cas.org/contact

If desired, ask for a CAS SciFinder[n] Familiarization Training Session visit or online session.

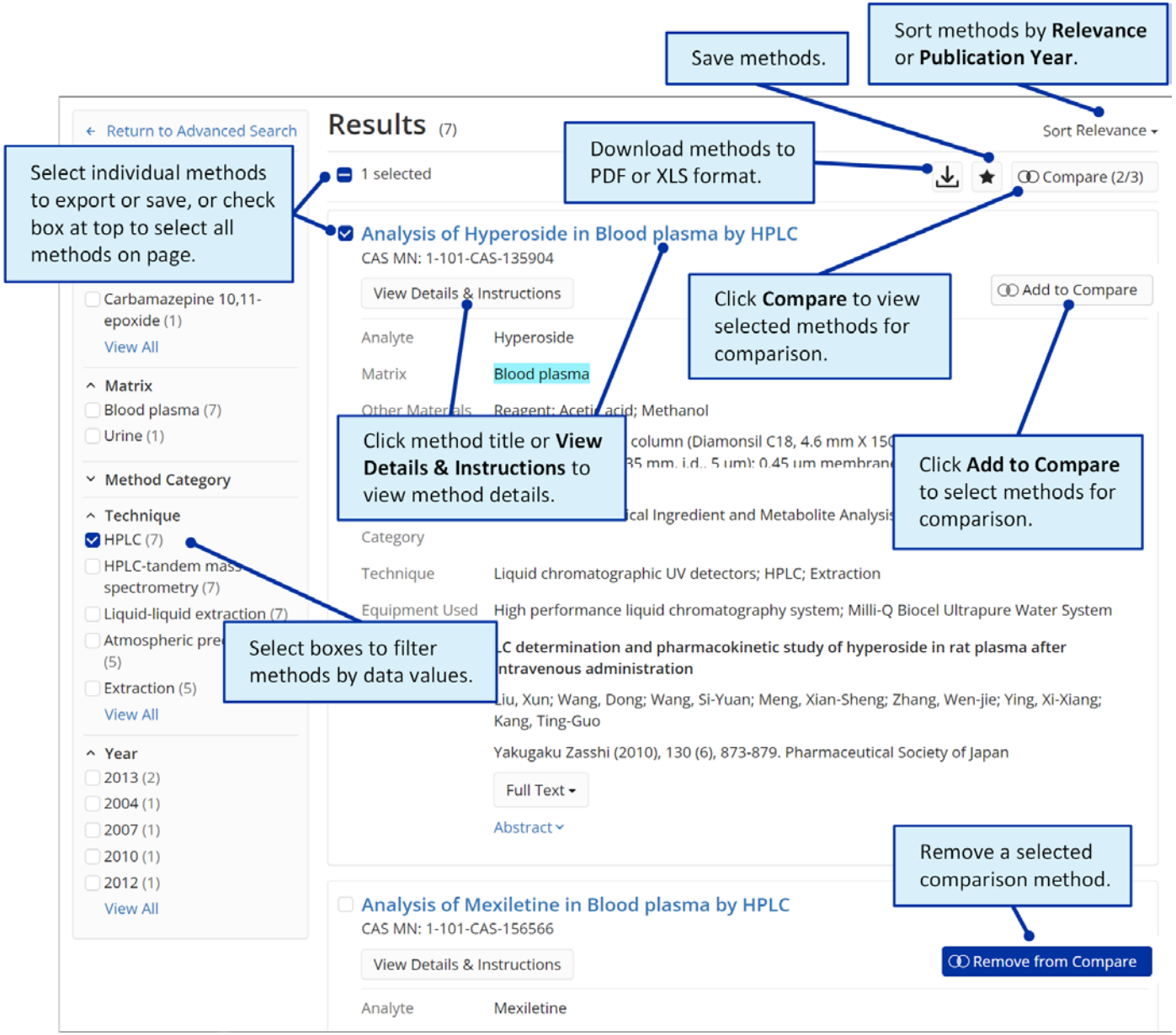
Search


CAS Solutions
CAS Analytical Methods
Access previously saved searches.
Saved
Account
Search
Enter keyword, matrix, analyte, etc.
Enter keywords to search for methods, and then click .
blood plasma
Advanced Search
Use Advanced Search to combine multiple queries using logical operators.
Browse for methods by clicking a category.
Browse Method Categories
Agricultural Applications / Analysis
Bioassays
Biomolecule Isolation
Environmental Analysis
Food Analysis
Fuels / Geology / Biofuels
Historical Analysis / Dating
Miscellaneous
Organic Compound Analysis
Organometallics / Inorganics
Pharmacology / Toxicology
Polymer Analysis
Water Analysis
Recent Searches
Advanced : keyword : analyte, keyword : palmitic acid, keyword : blood plas
bioactive agents
Browse: Natural Product Isolation Analysis
Click the title to rerun a recent search.
Click the X to remove title from list.

Advanced Search

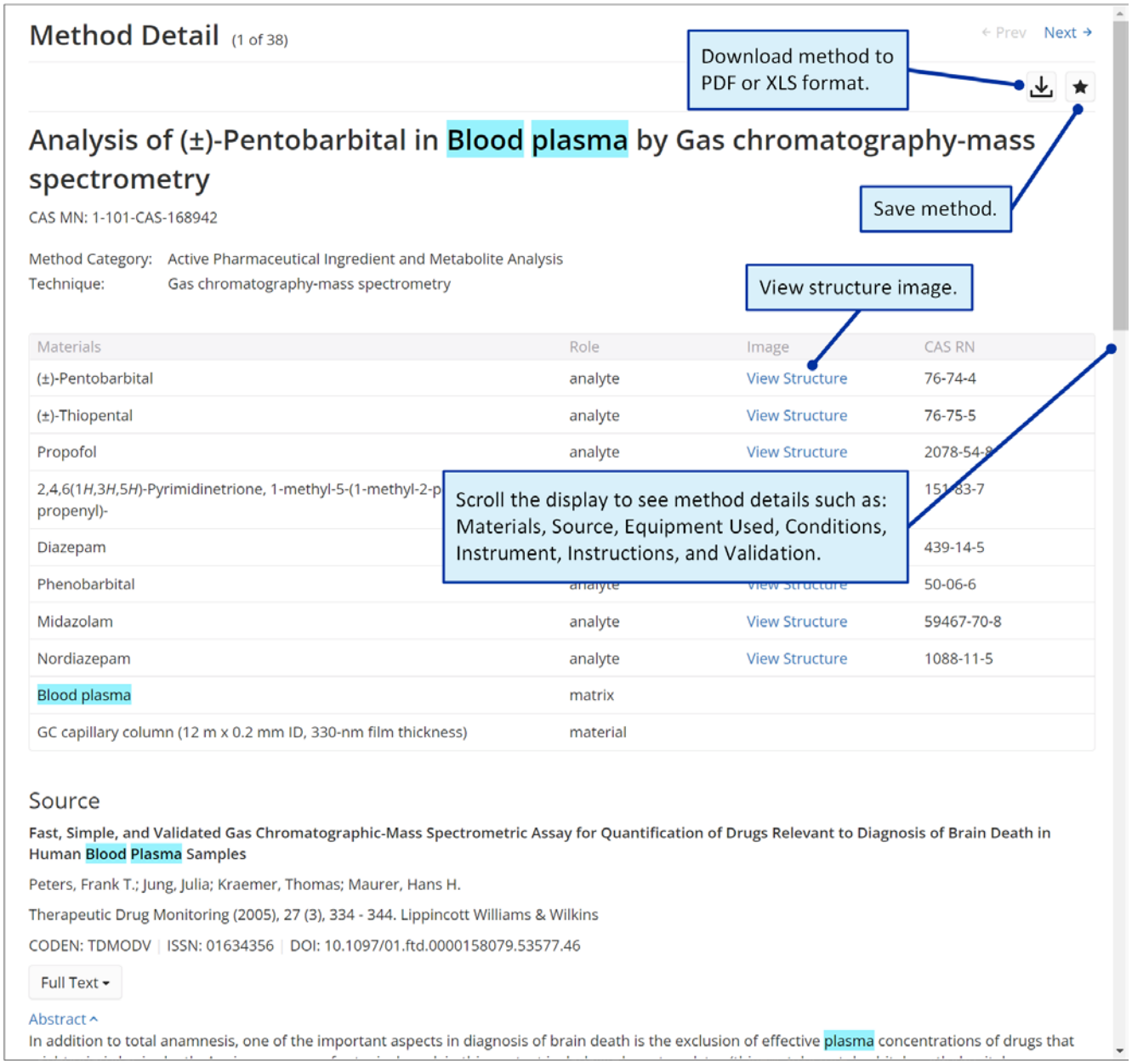


Results

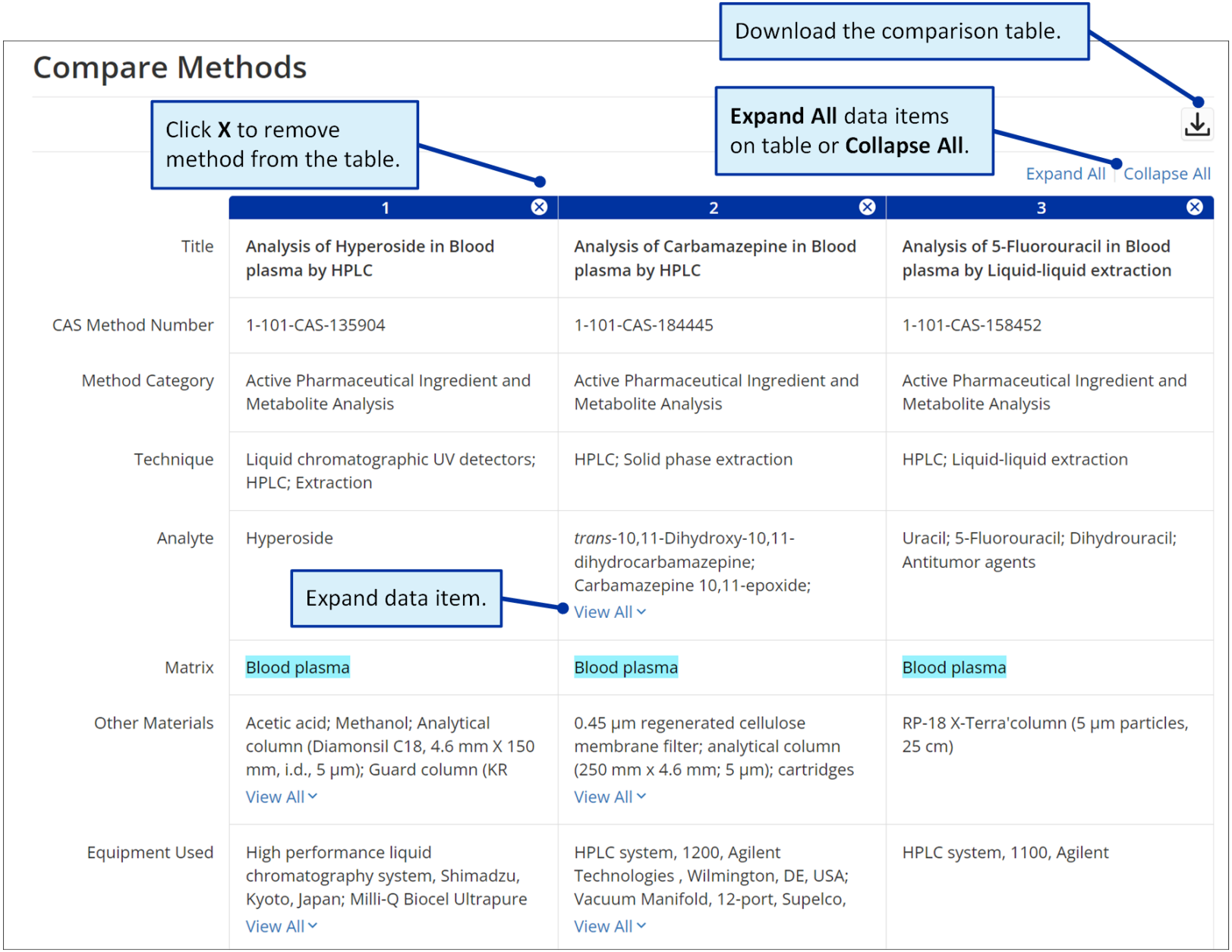


See Analytical Methods Help for more information. For assistance, contact the CAS Customer Center.

Method Detail



Compare Methods

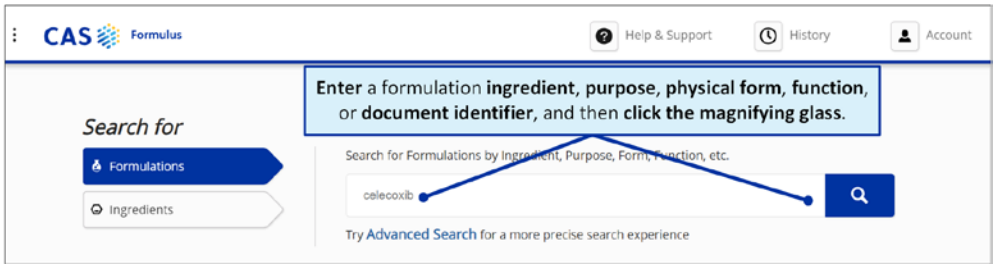


	1	2	3
Title	**Analysis of Hyperoside in Blood plasma by HPLC**	**Analysis of Carbamazepine in Blood plasma by HPLC**	**Analysis of 5-Fluorouracil in Blood plasma by Liquid-liquid extraction**
CAS Method Number	1-101-CAS-135904	1-101-CAS-184445	1-101-CAS-158452
Method Category	Active Pharmaceutical Ingredient and Metabolite Analysis	Active Pharmaceutical Ingredient and Metabolite Analysis	Active Pharmaceutical Ingredient and Metabolite Analysis
Technique	Liquid chromatographic UV detectors; HPLC; Extraction	HPLC; Solid phase extraction	HPLC; Liquid-liquid extraction
Analyte	Hyperoside	*trans*-10,11-Dihydroxy-10,11-dihydrocarbamazepine; Carbamazepine 10,11-epoxide; View All	Uracil; 5-Fluorouracil; Dihydrouracil; Antitumor agents
Matrix	Blood plasma	Blood plasma	Blood plasma
Other Materials	Acetic acid; Methanol; Analytical column (Diamonsil C18, 4.6 mm X 150 mm, i.d., 5 µm); Guard column (KR View All	0.45 µm regenerated cellulose membrane filter; analytical column (250 mm x 4.6 mm; 5 µm); cartridges View All	RP-18 X-Terra'column (5 µm particles, 25 cm)
Equipment Used	High performance liquid chromatography system, Shimadzu, Kyoto, Japan; Milli-Q Biocel Ultrapure View All	HPLC system, 1200, Agilent Technologies , Wilmington, DE, USA; Vacuum Manifold, 12-port, Supelco, View All	HPLC system, 1100, Agilent

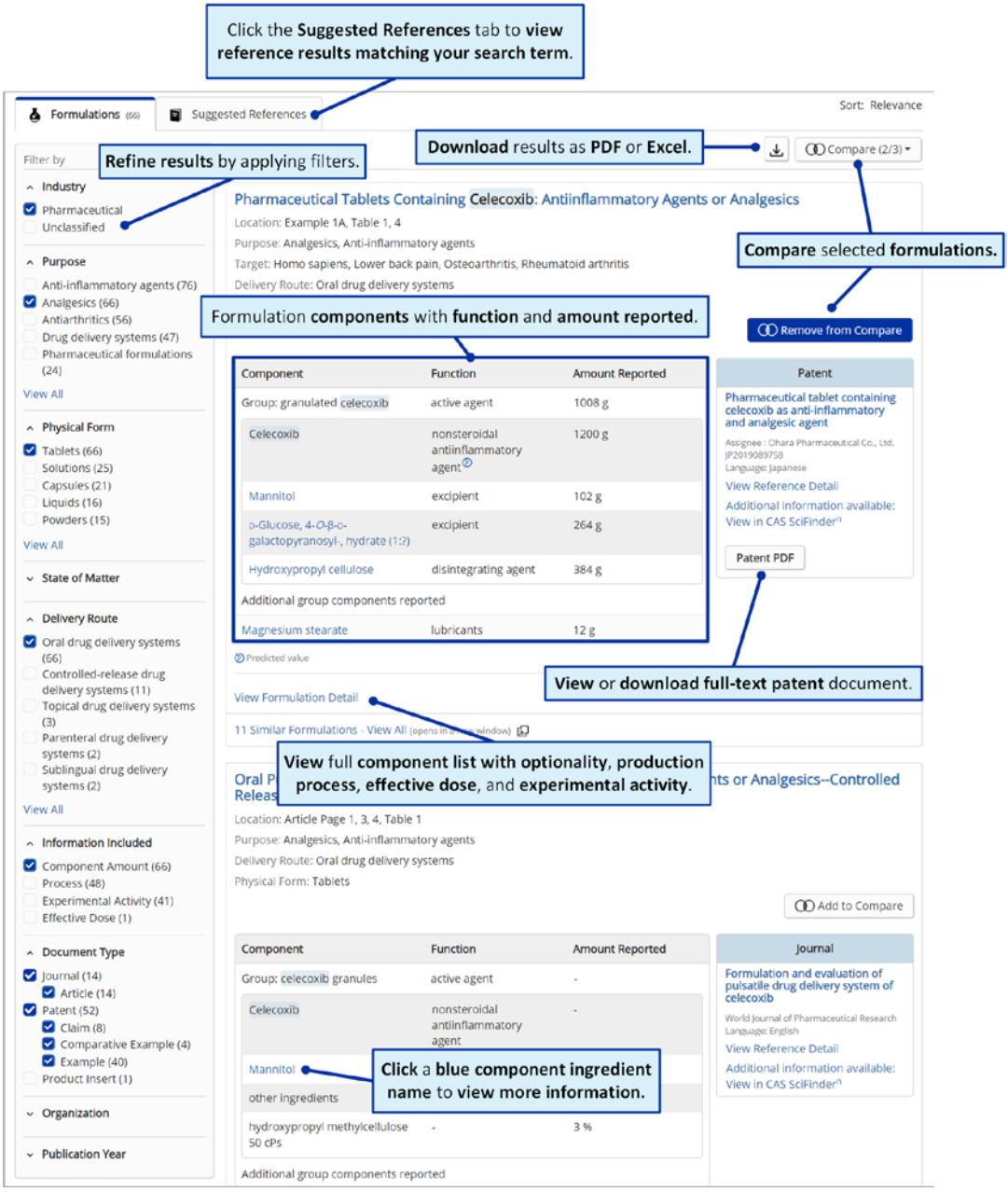
CAS Formulus

Quick Start Guide

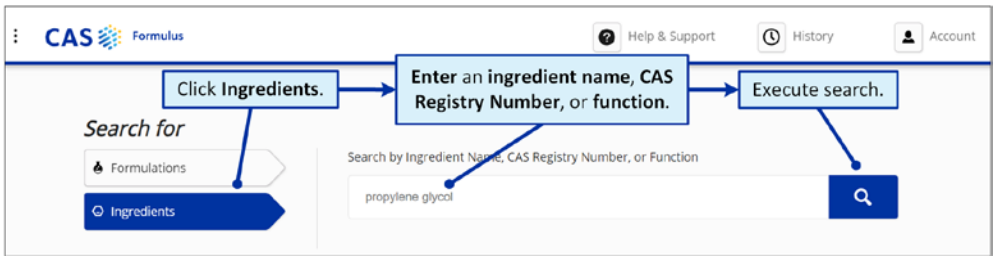
Search for Existing Formulations



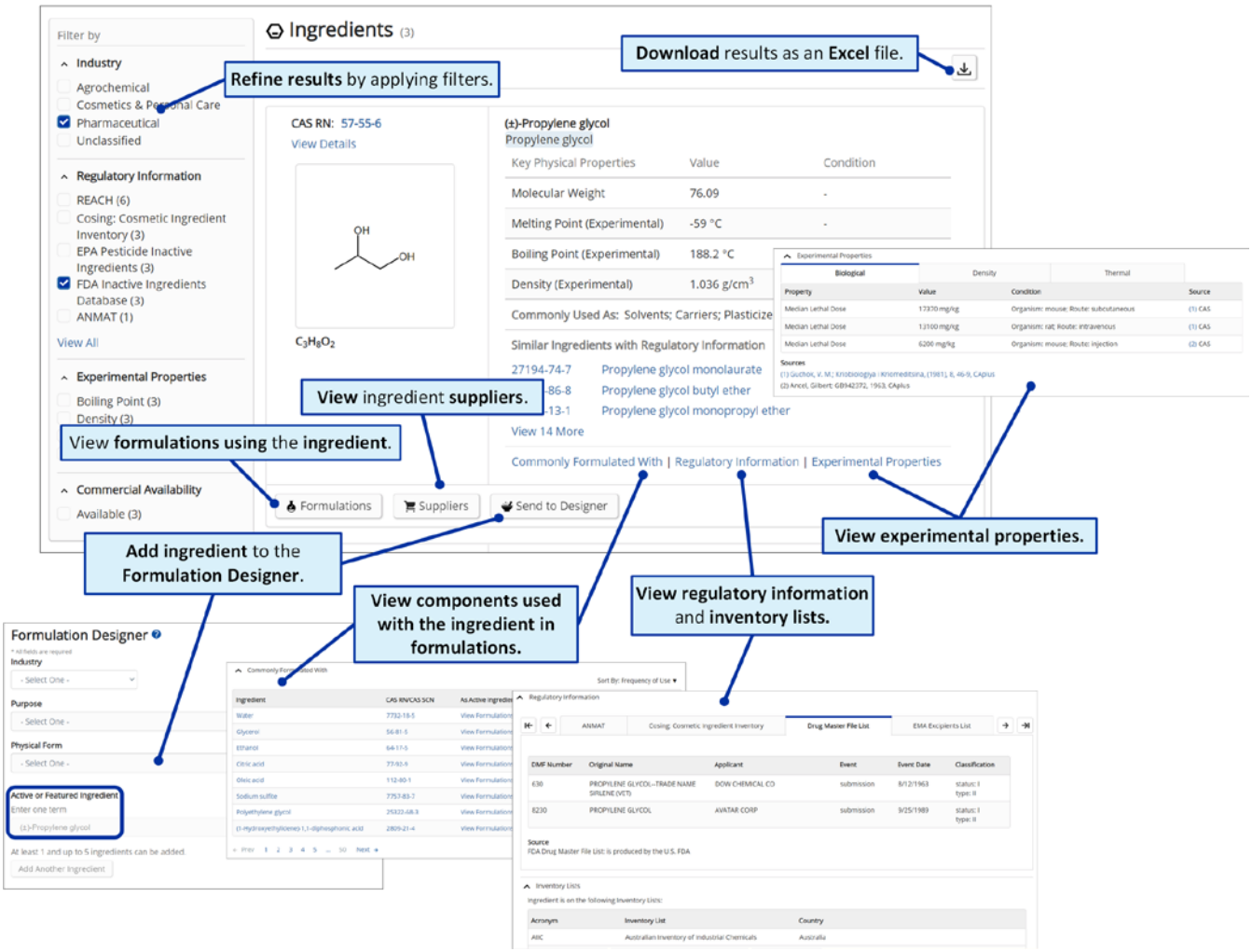
Explore Formulation Results



Search for Ingredients



Explore Ingredient Results



Explore Ingredient Suppliers