



Your connection to science and technology

August 2011

STN News

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Announcements

Coming Soon - A New Version of STN Express®!

A new version of STN Express, Version 8.5, is expected to launch later this month. This version will include highly requested enhancements to the Patent Family Manager and the Save Answers for SciFinder® wizard. STN Express will be available free to all STN login ID holders via the [STN Software License and Download website](#).

CA Sections Added to ACS Publications Web Editions Platform

CAS and ACS Publications have collaborated to map the 80 sections of *Chemical Abstracts*™, CA, to tables of contents, abstracts and article-level content displays on the ACS Publications Web Editions platform.

Articles across the 39 scholarly research journals published by the Society, including *Journal of the American Chemical Society*, are now tagged with CA section subjects. Incorporation of CA sections enables browsing and discovery of cutting-edge research results from the nearly 500,000 articles published in ACS peer-reviewed journals between 1996 and 2011.

Upcoming Training



Visit [CAS Learning Solutions](#) for the 2011 schedule of STN e-Learning and training opportunities.

CAS Learning Solutions is the place to go for instructor-led and on-demand STN training.

Be sure to check out the latest e-Seminar "Legal Status - A Case Study," presenting a comprehensive search of GE's patent portfolio, including patent rights they have bought and sold.

STN e-Learning Tutorials

Stumped when it comes to creating flexibility in your structure searches? Need a refresher on how to draw a G-group or add a Variable Point of Attachment (VPA)? Let STN Draw curriculum be your answer. This curriculum provides quick interactive tutorials on how to create these types of queries and covers basic drawing

For more information, visit
<http://pubs.acs.org/page/demo/enhancements.html>.

Database News

STN Adds Australian Patent Full-text File, AUPATFULL, Including the New Numeric Search Feature (July 2011)

AUPATFULL is a new patent full-text database on STN as of July 24, 2011. It provides the full-text of patent applications and patent specifications published by the Australian Patent Office from 1964 onwards for the complete STN feature set, including the new numeric search feature. The Australian Patent Office is within the top 10 authorities concerning the number of patent applications over the past two decades. In the past years, over 20,000 applications were filed annually. A relatively large number of publications from the Australian Patent Office have their priority in Asian countries.

The records of the database contain bibliographic data, including patent applicant, inventor and legal representative information, patent, application and priority application data, IPC and EPC classification codes, abstract and the full-text of description and claims. Each database record contains all documents published for one application, displayed in order of appearance. Legal status data and family and citations display formats from the INPADOCDB database are available, as well as the searchable online thesauri for the International Patent Classification (/IPC) and European Patent Classification (/EPC and /ICO).

AUPATFULL is updated weekly.

For additional information about this new database, refer to the [STN Database Summary Sheet](#) or STNGuide (=> s AUPATFULL/DBN).



Set up an RSS feed to keep informed. Receive an alert from CAS whenever important news is available.

Take Note

STN Security – Be Protected

skills.

To see all of the CAS product training options, visit <http://learningsolutions.cas.org> to register and log in today. Frequently asked questions and quick reference cards are available to help new users with Learning Solutions.

Visit the STN events calendar in the [CAS Learning Solutions](#) resource center for titles, descriptions, schedule and locations of all STN e-Learning and training for 2011.

STN e-Seminars

August 30

STN Patent Forum: Approaches for Analysis of Patent Data on STN

September 8

STN Patent Forum: Approaches for Analysis of Patent Data on STN

September 27

Search Organometallics and Coordination Compounds

[Register now!](#)

STN Patents and Pizza

September 13

Searching for Nanotechnology on STN in Alexandria, VA

[Register now!](#)

STN Workshops and User Updates in Washington, D.C.

Security is on everyone's mind these days. Here we present the second part of a two-part feature on how to make your STN sessions as secure as possible.

[Change Your STN Express Login Setups to Use RSA Encryption](#)

The RSA encryption option is the easiest-to-use and most secure connection option available in STN Express.

To change your login setups to use RSA encryption:

1. Open your login setup (click the **Setup** button on the toolbar, select the **Setup Name** and click **Modify**).
2. Check the box **Encryption provided by RSA**.
3. Click **OK**.

Log in as usual with this setup. No additional steps are needed.

When you log in using this setup, STN Express will encrypt the session using software from RSA Security, Inc. that implements the Advanced Encryption Standard (AES) algorithm with 128-bit encryption keys. This will be the default setting in future versions of STN Express.

When you are working in an encrypted session, the secure



session icon will display at the bottom of the STN Express with *Discover!* window.

[STN on the WebsM and STN Easy®](#)

Make sure your STN on the Web and STN Easy sessions use secure (*https*) connections.

By default, both STN on the Web and STN Easy now use a secure session to connect to STN. However, if you start either product from a bookmark, be sure that the bookmarked web address starts with *https* (a secure session) instead of just *http*. If it does not, click on **Secure Session** in the left column to switch to a secure session, then bookmark the URL.

[Click here](#) to review STN Security part one for tips on how to secure your STN password.

October 4, 8:30 am-5:30 pm EDT
STN User Update

October 5, 9:00 am-noon EDT
Introduction to MARPAT

October 5, 1:00 pm-4:00 pm EDT
STN Intermediate

[Register now!](#)

FIZ Karlsruhe e-Seminars

August 25
Searching Surfactants and Detergents on STN

[Register now!](#)

STN Virtual Classes

If you are new to database searching, you are encouraged to attend these classes in the order shown in the Learning Paths, since each one builds on concepts and skills covered in preceding sessions. Refer to the Learning Path for STN Virtual Classes (111.200) found in the Learning Solutions resource center.

[Register now!](#)

STN Open Practice Sessions

August 25
3:00 pm - 5:00 pm EDT

September 2
9:30 am - 11:30 am EDT

September 22
3:00 pm - 5:00 pm EDT

[Register now!](#)

At Your Command - Join us each month to discover tips on how you can get the most out of the STN command language.

Query your way to saved search strategies

Do you need a way to save frequently used terms or use the same strategy across multiple databases?

Query allows you to create and save a search strategy, known as a search hedge, for use in future sessions without actually having to run the search. It is common to use the QUERY command to create a search profile to combine with other terms in multiple search statements or to search across different databases.

The search profile can be a combination of terms, L-numbers, E-numbers or even saved queries combined using Boolean, proximity or numeric operators.

Use the SAVE command to retain your queried strategy for future sessions by providing a name that ends with /Q. To access the saved query in future sessions, simply use the saved /Q name as a search term in your current strategies. It is not necessary to ACTIVATE the query first.

Upcoming Tradeshows

August 28-September 1
Denver
[242nd ACS National Meeting & Exposition](#)

September 5-6
Beijing
[Patent Information Annual Conference of China](#)

September
Korea
KERIS

September
Thailand
Online Education and Information Conference

September
Seoul, South Korea
PATINEX

CAS Customer Center

Each month we'll provide answers to real customer questions.

Q: How can I determine which STN databases contain information relevant to my query?

A. STNIndex is a cost effective and easy way to determine which STN databases contain the information you need. STNIndex allows you to test your search strategy in any or all STN databases or clusters. Only a modest connect-hour fee is charged for STNIndex, but no search fees apply. Searching or expanding in STNIndex reveals the number of answers your search query will retrieve in each database. You can also rank search results based on the number of hits by typing D RANK and

```

=> FILE CAPLUS
=> QUERY (CONTROLL? OR SUSTAIN? OR DELAY? OR
SLOW? OR TIMED)(S) (RELEAS? OR ACTION# OR
DOSAGE# OR DELIVER?)
L1  QUERY CREATED

=> SAVE L1 SUSTAIN/Q
QUERY L1 HAS BEEN SAVED AS 'SUSTAIN/Q'

=> FILE MEDLINE
=> S SUSTAIN/Q AND 21829-25-4; D KWIC=10
L2      992 SUSTAIN/Q AND 21829-25-4

L2  ANSWER 1 OF 992      MEDLINE on STN
CT  . . . drug effects
    Blood Pressure Monitoring, Ambulatory
    *Cardiovascular Diseases: ET, etiology
    Delayed-Action Preparations
    Double-Blind Method
    Drug Therapy, Combination
    Humans
    Hypertension: CO,. . .
RN  144701-48-4 (telmisartan); 21829-25-4
    (Nifedipine)
CN  Antihypertensive Agents; Benzimidazoles;
    Benzoates; Delayed-Action Preparations

```

remove duplicates from the final answer set by using the **DUPLICATE REMOVE** command.

To use STNIndex, enter INDEX followed by a list of databases or clusters. For more information, type HELP INDEX at an arrow prompt.

Q: What is the best way to verify search terms in STN?

A: The EXPAND command is a cost-efficient way to verify search terms. Use the EXPAND command to

- 🔍 Determine if a term is present in the database.
- 🔍 Identify related terms of interest, including spelling variants.
- 🔍 View the author names, control terms, chemical names, CAS Registry Number® or patent numbers.

Discover additional useful display options by viewing the user aid: [Mastering STN Commands - QUERY](#).

Be sure to join us next month for another opportunity to take command of your search.

Q: How can I get a single set of literature and patent references for an exact structure or a Markush structure from both REGISTRY and MARPAT?

A: Use **CASLINK** (or **HCASLINK**) to search both REGISTRY and MARPAT to produce a single set of CaplussM literature and patent references matching your structure query. If you're looking for prior art, keep in mind that MARPAT searching may retrieve additional references not found by searching for specific substances in REGISTRY alone. CASLINK also provides a discount on MARPAT structure searching. For details, see Extended Search under Structure Search Fees or enter **HELP COST** in the MARPAT database for details.



At Science IP we often share tips and techniques among our searchers. Here we share techniques related to searching for lab codes.

Comprehensive searching of lab codes

Chemicals undergoing investigation are assigned a laboratory code (or lab code) by a research laboratory. For pharmaceutical substances, database records can include different formats of lab codes, based on the database's indexing policy, how the author wrote it in an article or abstract or a combination of both.

For a comprehensive search on a lab code, search for all possible variations of that lab code. Let's look at a lab code in the following format: ANNNNNN or ANNNNN, where A is one to three letters and N is a number. There are four variants to lab codes in this format. These can be combined into a single query line for a comprehensive search.

Here is a specific example using the lab code LY127809. Since database records include this lab code in various ways such as LY-127809 or LY 127,809, a comprehensive search should include:

QUE LY127809 or LY127(w)809 or LY(w)127809 or LY(w)127(w)809

These four approaches in a single L-numbered query will cover all possible variations. Here's how:

LY(w)127809 will retrieve LY 127809 and LY-127809.

LY(w)127(w)809 will retrieve LY-127,809, LY 127,809, LY 127 809 and LY-127 809.

Examples of how these variations appear in records are shown below.

Presentations

[Traditional Medicine Patents Lead to Enhanced Drug Discovery from Natural Products](#)

At the 241st ACS National Meeting & Exposition, John Zabilski, senior product manager at CAS, presented World Traditional Medicine success stories, specific examples and content in CAplus.

[Chemical Information in the New World of Patents](#)

At the 241st ACS National Meeting & Exposition, Chris McCue, vice president of marketing, presented challenges in finding chemistry in patents, CAS' complete coverage of disclosed research and expert indexing, and exhaustive substance coverage from patents.

[CAS REGISTRY - Maintaining the Gold Standard](#)

At the 241st ACS National Meeting & Exposition, Roger Schenck, content planning manager at CAS, presented how the CAS substance collection has grown over the years and how CAS maintains REGISTRY as the gold standard of substance information.

[Key Sources for Pharmaceutical and Chemical Literature and Patent Searching](#)

At the 241st ACS National Meeting & Exposition, Dr. Elaine Cheeseman, Science IP, presented limitations of free web-based patent databases, STN access to key scientific and technical databases, clusters of STN databases in all areas of science, STN searching and search techniques and representation of Chinese patents in CAplus.

L30 ANSWER 1 OF 42 MEDLINE on STN

TI Reproductive and developmental toxicity of the dopamine agonist pergolide mesylate in mice.

AB Pergolide (Permax, [LY127809](#), CAS 66104-23-2) a dopamine agonist for the treatment of Parkinson's disease, was evaluated for reproductive and developmental toxicity. Pergolide was...

L30 ANSWER 4 OF 42 MEDLINE on STN

TI General pharmacology of pergolide in animals. 2nd communication: gastrointestinal, renal and miscellaneous studies.

AB Pergolide mesylate ((8 beta)-8-[(methylthio)methyl]-6-propylergoline monomethanesulfonate, [LY 127809](#), CAS 66104-23-2) is a novel and potent dopamine agonist marketed for treating the symptoms of Parkinson's disease. The potential secondary...

L30 ANSWER 6 OF 42 MEDLINE on STN

TI General pharmacology of pergolide in animals. 1st communication: cardiovascular, respiratory and autonomic nervous system studies.

AB Pergolide mesylate ((8 beta)-8-[(methylthio)methyl]-6-propylergoline monomethanesulfonate, [LY 127.809](#), CAS 66104-23-2) is a novel and potent dopamine agonist marketed for treating the symptoms of Parkinson's disease. The potential secondary...

L30 ANSWER 34 OF 42 BIOSIS COPYRIGHT (c) 2011 The Thomson Corporation on STN

TI DEPENDENCE STUDY ON [LY-127809](#) IN RHESUS MONKEYS AND RATS.

RN 66104-23-2 ([LY-127809](#))
66104-23-2 (PERGOLIDE MESYLATE)
138932-34-0 ([LY-127809](#))

What Patent Searchers Need to Know from Patent Attorneys

At the 241st ACS National Meeting & Exposition, Dr. Michael D. Mullican, Science IP, presented information patent searchers need to know from patent attorneys and information patent attorneys should know about search tools and tactics.



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2011

Symbols such as hyphens and commas or spaces are retrieved using the proximity operator, (w), for adjacent terms. This is a very useful feature of searching on STN since there is no need to distinguish between a hyphen and a space in formulating the query, and quotations are unnecessary ("LY 127809"). Other search systems may require your query to contain all the different exact formats, including hyphens, spaces and commas.

Lab codes can also be found in the online thesauri on STN in the controlled terms fields. These thesauri include the CA Lexicon, the MEDLINE thesaurus and the EMBASE thesaurus (Emtree).

Use STN for a single four-part query line for a comprehensive search on these types of lab codes in the STN databases.

Faced with a challenging search or require comprehensive results? Contact the expert research staff at [Science IP](#).

CAS Activities



Colors of Chemistry

Even the brilliant green fractal-florets of Romanesco broccoli (*Brassica oleracea*) won't sway some children who refuse to eat their vegetables. For those among a subset of the human population geneticists refer to as "supertasters", most cruciferous vegetables are extremely unpleasant to eat. Genetically predisposed to have a heightened taste for glucosinolates, the chemicals responsible for the vegetable's bitter taste, a supertaster is unlikely to ask for a second helping of broccoli or Brussels sprouts. [Read more >>](#)

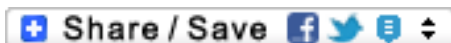


Media Library

Learn how researchers use SciFinder to discover new battery technology to reduce the negative environmental impact of battery consumption. [See Video >>](#)



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