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STN in North America

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STN News

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North American Edition

STN[®]

Highlights

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Powerful new analysis and visualization software

A valuable resource for effective decision making

The all new STN AnaVist can help you answer complex questions as well as provide information that can be used to make faster and better decisions critical to your business.

With STN AnaVist, you can:

- Analyze the patent landscape – determine who, what, where, when, and why
- Track competitive intelligence – find out what your competitors are doing
- Discover new applications for existing technology
- Determine research trends – find whether a particular area of research is on the rise, steady, or declining
- Support strategic business planning
- And more

It's easy to get started with STN AnaVist...

Create a set of relevant documents

You have two options for creating a set of documents for visualization in STN AnaVist:

- Search in STN Express® with *Discover!*™, Analysis Edition, Version 8.0, using all of the available power, including duplicate removal. Answer sets may include records from:

CASM/CAplusSM family
CASREACT®*
MARPAT®*
MARPATprevSM
PCTFULL
USPATFULL/USPAT2

And, the STN ANAVIST and CASLINK database clusters*

* The corresponding CAplus records will be retrieved by STN AnaVist.

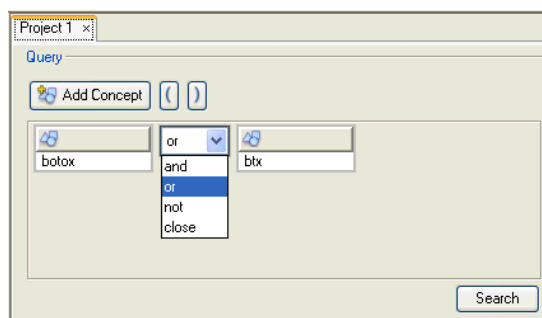
You can save your answer set with the Save for STN AnaVist Wizard. Then, easily import the documents into STN AnaVist to visualize your data.



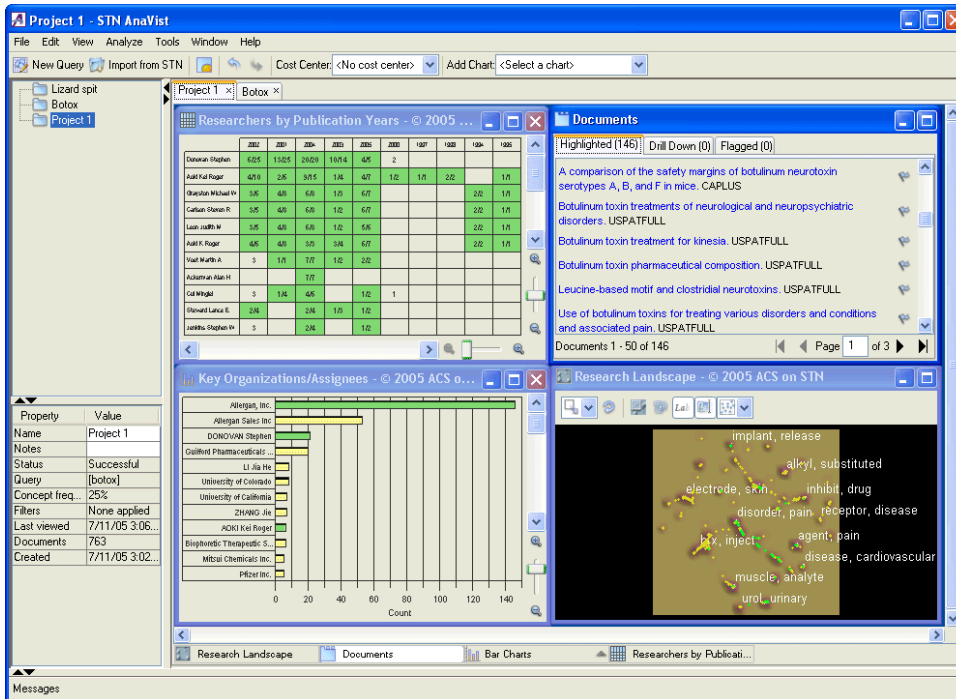
- Use STN AnaVist's concept query tool

STN AnaVist automatically searches in:

CAplus
PCTFULL
USPATFULL, including USPAT2



Answer complex questions and make faster and better decisions critical to your business.



Interactive analysis and visualization software providing unique insights into trends and patterns in scientific and patent information.

Visualize the information in your documents

STN AnaVist automatically displays:

- Research Landscape (cluster/contour map) – the research fronts represented in your result set
- Key Organizations/Assignees chart – the top organizations doing the research
- Key Researchers by Publication Years matrix – the key scientists doing the research and the years in which the work was done

In addition, you can easily create bar or matrix charts for Clustering Concepts, Document Distribution, Patent Classifications, Patent-Issuing Organizations, Priority Application Dates, Publication Year Trends, and Technology Indicators.

Explore the visualizations to discover trends and relationships

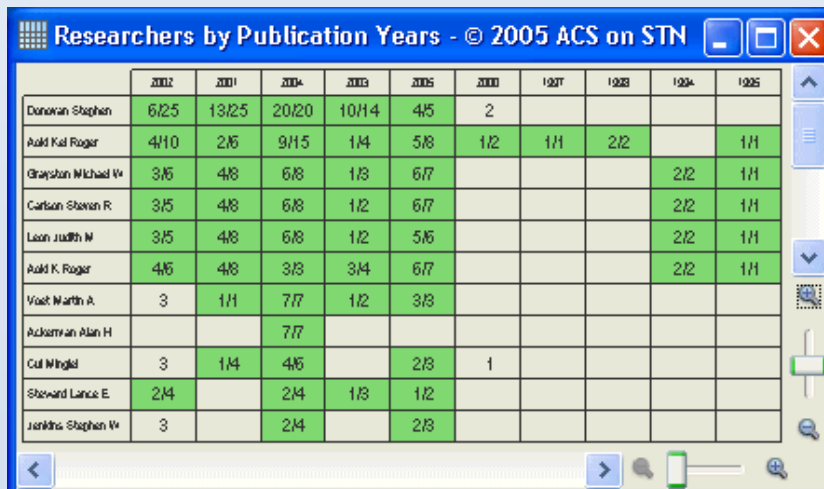
STN AnaVist offers views of the data from a variety of angles and interactively links the various views.

You can easily select areas of interest within charts or the Research Landscape. The corresponding documents become highlighted throughout all of the charts (shown in green in this brochure), and the Documents window populates with the titles of those documents.

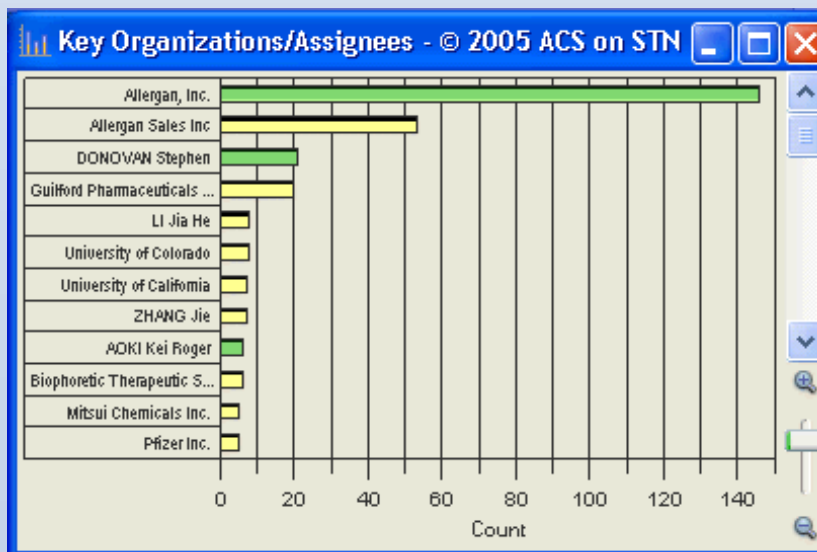
If you choose, you can even create additional visualization sets based on a specific subset of the original documents.

A closer look at the dynamic, interactive visualization workspace

If you select documents for the most published researcher, STN AnaVist immediately identifies the co-researchers...

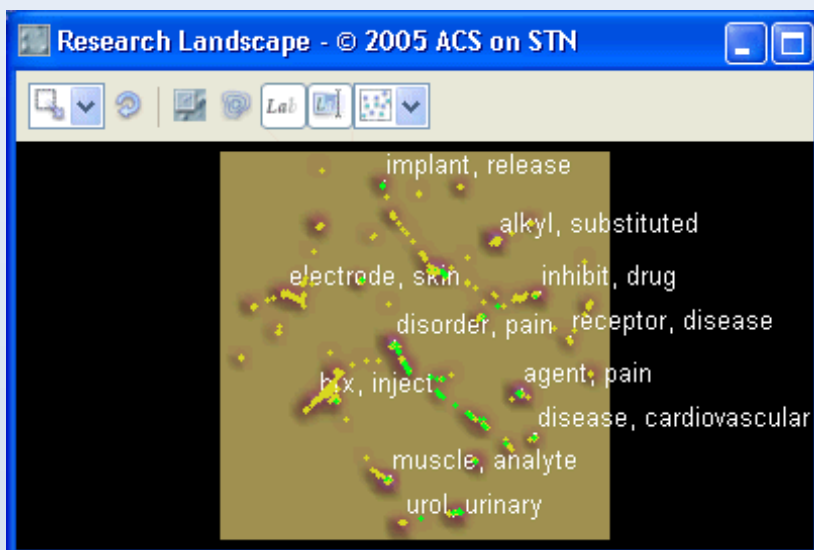


...as well as the key organizations/assignees associated with the research.



Feature

Areas in which the most published researcher has published are likewise indicated on the Research Landscape. Each dot represents one document—so the denser the peak, the more heavily the concept has been researched.



Titles of the corresponding articles and patents automatically display in the Documents window. Clicking a title then displays the detailed record.

Documents

Highlighted (146) | Drill Down (0) | Flagged (0)

- [A comparison of the safety margins of botulinum neurotoxin serotypes A, B, and F in mice. CAPLUS](#)
- [Botulinum toxin treatments of neurological and neuropsychiatric disorders. USPAT](#)
- [Botulinum toxin tr...](#)
- [Botulinum toxin ph...](#)
- [Leucine-based m...](#)
- [Use of botulinum ... and associated p...](#)

Documents 1 - 50

Details

Display Format: Basic

Bibliographic Information

US 6896886 B2 USPATFULL Provided by U.S. Patent and TradeMark Office

Use of botulinum toxins for treating various disorders and conditions and associated pain.
Inventor(s): Aoki, K. Roger, Laguna Hills, CA, UNITED STATES; Grayston, Michael W., Irvine, CA, UNITED STATES; Carlson, Steven R., Laguna Niguel, CA, UNITED STATES; Leon, Judith M., Laguna Niguel, CA, UNITED STATES. Patent Assignee(s): Allergan, Inc., Irvine, CA, UNITED STATES (U.S. corporation). Legal Representative: Donovan, Stephen; Voet, Martin A.; Baran, Robert J., United States. Utility Patent (Granted) written in English

Patent Information

Patent No.	Kind	Date	Application No.	Date
US 6896886	B2	20050524	US 2001-906496	20010716 (9)

Related Application Information:

Continuation of application US 1999-333438, filed on 15 Jun 1999, abandoned; Continuation of application US 1996-627118, filed on 3 Apr 1996, pending; Continuation of application US 1993-173996, filed on 28 Dec 1993, abandoned

Abstract

A method and composition for treating a patient suffering from a disease, disorder or condition and associated pain include the administration to the patient of a therapeutically effective amount of a neurotoxin selected from a group consisting of Botulinum toxin types A, B, C, D, E, F and G.

Citations

Save and share the answers you are seeking

When you have finished exploring the visualization set, you can save and share with others the insights that you have gleaned.

The visualization set, the Research Landscape, Documents window, and your charts are automatically saved for future use.

Only STN AnaVist provides innovative capabilities, including intellectually based standardization of fielded data from patent and non-patent literature, coupled with an interactive approach for viewing data relationships.

Pricing for STN AnaVist

Pricing for STN AnaVist includes a flat fee based on the size of the answer set or subset you visualize (3 tiers are offered). When you display documents, you pay only for those records you choose to view.

Unlike other visualization products, you do not pay:

- Large annual or up-front fees
- Any fees to import existing STN Express with *Discover!* answer sets, regardless of the number of answers in the set
- For each record that is visualized



And, with the special introductory pricing that is available through December 31, 2005, the STN AnaVist software is free! The software fee will appear on your monthly STN invoice, and you will receive a credit equal to that amount on the same STN invoice.

Purchasing STN AnaVist software

STN AnaVist is available for Windows® only via:

Web download

If you are an STN-Columbus customer, visit:
casweb.cas.org/stnexpress/html/english/login.html

If you are an STN-Karlsruhe customer, visit:
www.stn-international.de/self_service/downloads/

CD-ROM

- Electronic request form
- Printed order form

More information

For more details about STN AnaVist, including prices, system requirements, examples, and tutorials, visit:

- In North America and elsewhere: www.cas.org/stnanavist/
- In Europe: www.stn-international.de

Note: STN AnaVist will be available in Japan in 2006.

Only STN AnaVist provides...

...innovative capabilities, including intellectually based standardization of fielded data from patent and non-patent literature, coupled with an interactive approach for viewing data relationships.

• Integrated content from multiple databases –

You can search, analyze, and visualize data from multiple sources, including CAplus, PCT, and U.S. full-text patent databases.

• Unique relationships between structured and unstructured data –

STN AnaVist offers you the unique ability to uncover relationships among nine different fields within document records, e.g., companies, inventors, years, and concepts extracted from text.

• Data grouping and cleanup –

A company name thesaurus appropriately groups companies and company name variations prior to analysis. You can also group and edit company and researcher names and keep the custom groupings for future use.

• Concept standardization –

Application of CAS vocabulary standardizes technology terms across the databases, reducing data scatter, saving you time, and providing more meaningful results.

• Interactive relationships among data and charts –

The visualization workspace lets you easily see relationships by highlighting data during your analysis.

• Instant, understandable results –

Immediately upon completion of the visualization, you can gain insights into your topic of interest.

• Flexible creation of result sets –

Easily import an existing answer set created in STN Express with *Discover!*, Analysis Edition, Version 8.0, or use the integrated concept search capability in STN AnaVist.

ANAVIST and HANAVIST database clusters

–new database clusters added to STN

Two new database clusters, ANAVIST and HANAVIST, have been added to STN. Both include databases that can be searched with STN Express with *Discover!* and saved for use in STN AnaVist.

The ANAVIST cluster includes CAplus, PCTFULL, USPATFULL, and USPAT2. The HANAVIST cluster includes HCAplus, PCTFULL, USPATFULL, and USPAT2.

A full listing of STN database clusters is available at: www.cas.org/ONLINE/CATALOG/CLUSTERS/cover.html

BEILSTEIN

–updated with more than 53,000 new compounds

More than 53,000 new compounds and recent supplementary data for about 29,000 compounds have been added to BEILSTEIN. Currently, BEILSTEIN contains over 9.2 million organic compounds. Reaction information is available for more than 8 million substances.

The BEILSTEIN Database Summary Sheet is available at: www.cas.org/ONLINE/DBSS/beilsteinss.html

CA/CAplus

–pre-Volume 65 patent priority data added

Additional patent priority data from Volumes 1-65 have been captured and added to CA/CAplus. Many records have been enhanced, allowing access to more information from a longer time period.

The CA/CAplus Database Summary Sheets are available at: www.cas.org/ONLINE/DBSS/cass.html
www.cas.org/ONLINE/DBSS/caplusss.html

CASREACT

–verification and answer limits increased

The verification and answer limits in CASREACT have been increased, allowing more searches to run to completion.

The following table outlines the new limits in CASREACT:

Search Scope	Verifications	Answers
Online FULL	1,000,000	1,000,000
Subset FULL	1,000,000	1,000,000
BATCH FULL	1,500,000	1,500,000
Online RANGE	1,000,000	1,000,000
Subset RANGE	1,000,000	1,000,000
BATCH RANGE	1,500,000	1,500,000

The table is also available by entering HELP SLIMITS in the database.

The CASREACT Database Summary Sheet is available at: www.cas.org/ONLINE/DBSS/casreactss.html

CERAB

Ceramic Abstracts

–new search and display fields added

Four new search and display fields have been added to CERAB:

- Meeting Date (/MD)
- Meeting Location (/ML)
- Meeting Title (/MT)
- Publisher Information (/PB)

The following example shows the new display fields in CERAB:

```
L1 ANSWER 1 OF 1 CERAB COPYRIGHT 2005 Cambridge
Scientific Abstracts on STN
MT 11th International Conference on Laser-Assisted
Micro- and Nanotechnologies 2003 (LAM-X)
ML St. Petersburg (Russia)
MD 29 June 2004-3 July 2004
PB SPIE - The International Society for Optical
Engineering, 1000 20th Street, P.O. Box 10,
Bellingham, WA, 98225, USA, spie@spie.org,
http://www.spie.org
```

The revised CERAB Database Summary Sheet is available at: www.cas.org/ONLINE/DBSS/cerabss.html

CHEMLIST®/HCHEMLIST

–new search and display field added; TSCA inventory updated

A new search and display field, FDA Regulations (/FDA), has been added to CHEMLIST. Information on chemicals regulated under Code of Federal Regulations (CFR) Title 21 (Food and Drugs) is available in the FDA field.

The CFR is a codification of the general and permanent rules published in the *Federal Register* by the executive departments and agencies of the federal government. Title 21 of the CFR is reserved for rules of the Food and Drug Administration relating to the use of chemicals with food.

The following example shows the new FDA field:

```
AN 271564 CHEMLIST
RN 35421-08-0
CN p-Chloromethylphenol
FS USA: FDA
CBI Public
CFR 21 CFR Part 76
SC 21 CFR 76.210
FA RN CAS Registry Number
FDA FDA Regulations
==== U.S. FDA Regulations ====
FDA FDA Regulations
CFR Title 21 - Food and Drugs -
URL: http://www.fda.gov (2004).
CFR Title: 21 CFR Part Section: 176.210
CFR Subpart: Substances for Use Only as Components
of Paper and Paperboard
Listed Name(s): p-Chloromethylphenol
Use: May be safely used in the manufacture of paper
and paperboard intended for use in packaging,
transporting, or holding food as defined by
21CFR176.210.
```

Database News

TSCA Inventory Tape is now current through July 14, 2005.

The revised CHEMLIST/HCHEMLIST Database Summary Sheets are available at:

www.cas.org/ONLINE/DBSS/chemlistss.html

www.cas.org/ONLINE/DBSS/hchemlistss.html

COMPENDEX

Computerized Engineering Index and Ei Engineering Meetings –changes in classification text

Changes to the classification text were introduced in COMPENDEX in June 2005. To view the changes, enter HELP CLA in COMPENDEX.

The COMPENDEX Database Summary Sheet is available at:

www.cas.org/ONLINE/DBSS/compendexss.html

COMPUAB

Computer and Information Systems Abstracts –new search and display fields added

Four new search and display fields have been added to COMPUAB:

- Meeting Date (/MD)
- Meeting Location (/ML)
- Meeting Title (/MT)
- Publisher Information (/PB)

The following example shows the new display fields in COMPUAB:

```
L2 ANSWER 1 OF 11 COMPUAB COPYRIGHT 2005 Cambridge
Scientific Abstracts on STN
MT Micro- and Nanoelectronics 2003 (ICMNE-2003)
ML Zvenigorod (Russia)
MD 6 Oct 2003-10 Oct 2003
PB SPIE - The International Society for Optical
Engineering, 1000 20th Street, P.O. Box 10,
Bellingham, WA, 98225, USA, spie@spie.org,
http://www.spie.org
```

The revised COMPUAB Database Summary Sheet is available at:

www.cas.org/ONLINE/DBSS/compuabss.html

CSAALL database cluster

–new database cluster added to STN

A new database cluster, CSAALL, has been added to STN. The cluster includes the 26 databases from Cambridge Scientific Abstracts (CSA) available on STN, i.e., AEROSPACE, ALUMINIUM, ANTE, AQUALINE, AQUASCI, BIOENG, CERAB, CIVILENG, COMPUAB, CONFSCI, COPPERLIT, CORROSION, ELCOM, EMA, ENVIROENG, HEALSAFE, LIFESCI, LISA, MATBUS, MDF, MECHENG, METADEX, OCEAN, POLLUAB, SOLIDSTATE, and WATER.

A full listing of STN database clusters is available at:

www.cas.org/ONLINE/CATALOG/CLUSTERS/cover.html

ELCOM

Electronic and Communications Abstracts –new search and display fields added

Four new search and display fields have been added to ELCOM:

- Meeting Date (/MD)
- Meeting Location (/ML)
- Meeting Title (/MT)
- Publisher Information (/PB)

The following example shows the new display fields in ELCOM:

```
L3 ANSWER 1 OF 38 ELCOM COPYRIGHT 2005 Cambridge
Scientific Abstracts on STN
MT Micro- and Nanoelectronics 2003 (ICMNE-2003)
ML Zvenigorod (Russia)
MD 6 Oct 2003-10 Oct 2003
PB SPIE - The International Society for Optical
Engineering, 1000 20th Street, P.O. Box 10,
Bellingham, WA, 98225, USA, spie@spie.org,
http://www.spie.org
```

The revised ELCOM Database Summary Sheet is available at:

www.cas.org/ONLINE/DBSS/elcomss.html

MARPAT

–displays enhanced with expanded G-group definitions and text labels; iteration and answer limits increased

Two MARPAT enhancements have made displays easier to understand:

- The default display formats for G-group definitions now contain expanded terminology.
- Text labels are now spelled out, so knowledge of abbreviations is no longer necessary.

Example of a previous MARPAT display:

```
G1 = H / OH
G2 = H / OH / alkyl<(1-10)> (SO OH) / alkoxy<
(1-10)> /(EX OMe)
MPL: claim 1
```

Example of a new MARPAT display with expanded G-group definitions and text labels:

```
G1 = H / OH
G2 = H / OH / alkyl <containing 1-10 C> (opt.
substd. by OH)/alkoxy containing 1-10 C>
/ (Example: OMe)
Patent location: claim 1
```

Note: The expanded G-group definitions may contain standard CAS abbreviations. The list of abbreviations is available at: www.cas.org/ONLINE/standards.html

The shorter previous format for the G-group definitions can still be displayed by using the SET GTEXT OFF command.

Database News

The iteration and answer limits for structure searching in MARPAT have been increased, allowing more searches to run to completion.

The following table outlines the new limits in MARPAT:

Search Scope	Iterations	Answers
Online FULL	100,000	100,000
Subset FULL	100,000	100,000
Online RANGE	100,000	100,000
Subset RANGE	100,000	100,000

MARPAT SAMPLE search iteration limits have also been increased from 1,000 to 2,000. This increase improves SAMPLE search projections for searches with large numbers of screen answers while reducing the probability of a SAMPLE search incorrectly indicating that a FULL search will run to completion.

For more information, enter HELP SLIMITS in the database.

The revised MARPAT Database Summary Sheet is available at: www.cas.org/ONLINE/DBSS/marpats.html

MEDICONF

–database removed from STN

MEDICONF ceased production at the end of 2004. At the request of the database producer, MEDICONF is no longer available on STN.

REGISTRY/ZREGISTRY

–iteration and answer limits increased; additional property data from new sources added

The iteration and answer limits for structure searching in REGISTRY/ZREGISTRY have been increased, allowing more searches to run to completion.

The following table outlines the new limits in REGISTRY/ZREGISTRY:

Search Scope	Iterations	Answers
Online FULL	1,000,000	1,000,000
Subset FULL	1,000,000	1,000,000
BATCH FULL	1,500,000	1,500,000
Online RANGE	1,000,000	1,000,000
Subset RANGE	1,000,000	1,000,000
BATCH RANGE	1,500,000	1,500,000

The table is also available by entering HELP SLIMITS in the database.

REGISTRY SAMPLE search iteration limits have also been increased from 1,000 to 2,000. This increase improves SAMPLE search projections for searches with large numbers of screen answers while reducing the probability of a SAMPLE search incorrectly indicating that a FULL search will run to completion.

Additional Boiling Point, Density, Median Lethal Dose, Melting Point, Optical Rotatory Power, and Refractive Index values for more than 25,000 common substances have been added to REGISTRY/ZREGISTRY. With this addition, a total of more than 34,000 experimental properties have been licensed from the following four sources:

- “Hazardous Substances Data Bank” data provided by the National Library of Medicine (NLM)
- “PhysProp” data provided by Syracuse Research Corporation (SRC)
- “Drugs – Synonyms and Properties” data provided by Ashgate Publishing Co. (APC)
- “International Chemical Safety Cards” data provided by the National Institute for Occupational Safety and Health (NIOSH)

This example shows the listing of sources:

```
L2 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2005 ACS on STN
RN 87-33-2 REGISTRY
IN D-Glucitol, 1,4:3,6-dianhydro-, dinitrate (9CI)
```

Experimental Properties (EPROP)

PROPERTY (CODE)	VALUE	CONDITION	NOTE
Melting Point (MP)	70 deg C		(1) APC
Melting Point (MP)	70 deg C		(2) NLM
Melting Point (MP)	70 deg C		(3) SRC
Optical Rotatory Power (ORP)	+135 deg	Solv: ethanol (64-17-5)	(1) APC
		Temp: 20 deg C Wavlen: 589.3 nm	
Optical Rotatory Power (ORP)	+135 deg	Solv: ethanol (64-17-5) (1%)	(2) NLM
		Temp: 20 deg C Wavlen: 589.3 nm	

- (1) “Drugs – Synonyms and Properties” data are provided by Ashgate Publishing Co. (US) CAPLUS
- (2) “Hazardous Substances Data Bank” data are provided by the National Library of Medicine (US)
- (3) “PhysProp” data are provided by Syracuse Research Corporation of Syracuse, New York (US)

The source acronyms are displayed in the right-hand NOTE column and are searchable in the Property Source Note (/PSO) field.

The REGISTRY/ZREGISTRY Database Summary Sheets are available at:

www.cas.org/ONLINE/DBSS/registryss.html
www.cas.org/ONLINE/DBSS/zregistryss.html

SCISEARCH

–database reloaded

SCISEARCH has been reloaded.

A new policy for handling Accession Numbers (ANs) has been implemented. The ANs for 2001 to the present remain unchanged. New ANs have been assigned to records from earlier years to allow corrections to be made to these records.

Entry Dates (/ED) and Update Dates (/UP) for records prior to 2001 have also changed. They have been assigned a value of YYYY0000, where YYYY is the year the record entered the database.

Additional enhancements include:

- Sentence (S) proximity has been added to the Abstract (/AB) field.
- Left truncation and simultaneous left and right truncation are now available in the Abstract (/AB), Supplementary Term (/ST), Supplementary Term Plus (/STP), and Title (/TI) fields, as well as the Basic Index (/BI).
- Stop words are no longer used.
- International Standard Serial Numbers (ISSNs) are searchable in the Source (/SO) field.
- Three new search and display fields have been added:
 - Publisher (/PB) – publisher information is no longer located in the /SO field
 - SCISEARCH Document Number (/DN)
 - E-mail (/EML) – e-mail addresses have been added to the Corporate Source (/CS) field and are searchable and displayable in both the /CS and /EML fields

This example illustrates the /EML field as well as e-mail information added within the /CS field:

```
CS  Univ Utah, Dept Chem, Salt Lake City, UT 84112
    USA (Reprint); Ajou Univ, Dept Mol Sci &
    Technol, Suwon 442749, South Korea
    jimankim@ajou.ac.k; eyring@chem.utah.edu
EML  jimankim@ajou.ac.k; eyring@chem.utah.edu
```

- Two new display fields have been added:

- Journal Title Full (JTF)
- Journal Title Abbreviated (JTA)

The Journal Title (JT) field now includes both full and abbreviated journal titles as seen in the following example:

```
JT[] JOURNAL OF HETEROCYCLIC CHEMISTRY
JT[] J. Heterocycl. Chem.
```

- The Cited Reference Work (RWK), Cited Reference Publication Volume (RVL), and Cited Reference Page Number (RPG) fields have become text fields.

In addition, as the database supplier provides additional updated data, missing journal issues, individual articles, and corrections will be added to the backfile.

The revised SCISEARCH Database Summary Sheet is available at: www.cas.org/ONLINE/DBSS/scisearchss.html

SOLIDSTATE

Solid State and Superconductivity Abstracts –new search and display fields added

Four new search and display fields have been added to SOLIDSTATE:

- Meeting Date (/MD)
- Meeting Location (/ML)
- Meeting Title (/MT)
- Publisher Information (/PB)

The following example shows the new display fields in SOLIDSTATE:

```
L5  ANSWER 1 OF 6 SOLIDSTATE  COPYRIGHT 2005
    Cambridge Scientific Abstracts on STN
MT  4th International Symposium on Particle Image
    Velocimetry (PIV '01)
ML  Gottingen (Germany)
MD  17 Sept 2001-19 Sept 2001
PB  DLR, Institute of Aerodynamics and Flow Technology,
    Bunsenstrasse 10, Gottingen, 37073, Germany,
    piv01@dlr.de, www.as.go.dlr.de/piv01
```

The SOLIDSTATE Database Summary Sheet is available at: www.cas.org/ONLINE/DBSS/solidstatess.html

WPIDS/WPINDEX/WPIX

Derwent World Patents Index®

–enhanced with new patent family display format; additional German patent coverage

The patent family information in Derwent World Patents Index (WPIDS/WPINDEX/WPIX) can be displayed with or without the designated states for International Patent (PCT) and European Patent (EP) documents. The new Patent Information (PI) display field shows all possible designated states included in PCT and EP documents at the time of publication. The Patent Number (PN) display format is convenient for displaying compressed patent information.

The following example shows the new PI format as well as the PN format:

```
D PI
L6 ANSWER 1 OF 1 WPIX COPYRIGHT 2005 THE THOMSON CORP
  on STN
PI WO-2005026360 A1 20050324 (200524)* EN 114
  C12N-015-12 <--
  RW: AT BE BG BW CH CY CZ DE DK EA EE ES FI FR
    GB GH GM GR HU IE IT KE LS LU MC MW MZ NA
    NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG
    ZM ZW
  W: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ
    CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG
    ES FI GB GD GE GH GM HR HU ID IL IN IS JP
    KE KG KP KR KZ LC LK LR LS LT LU LV MA MD
    MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL
    PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
    TT TZ UA UG US UZ VC VN YU ZA ZM ZW
  EP-1516930 A1 20050323 (200524) EN C12N-015-12
  R: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
    GR HU IE IT LI LT LU LV MC MK NL PT RO SE
    SI SK TR

D PN
L6 ANSWER 1 OF 1 WPIX COPYRIGHT 2005 THE THOMSON CORP
  on STN
PN WO-2005026360 A1 20050324 (200524)* EN 114
  C12N-015-12 <--
  EP-1516930 A1 20050323 (200524) EN C12N-015-12
```

The coverage of Kind Codes for German Patents in Derwent World Patents Index has been expanded to include T2, T0, T5, C5, C8, and C9.

For more information and to view a list of Kind Codes, visit:
scientific.thomson.com/support/patents/coverage/latestupdates/dec

The WPIDS/WPINDEX/WPIX Database Summary Sheets are available at:

www.cas.org/ONLINE/DBSS/wpids.html
www.cas.org/ONLINE/DBSS/wpindex.html
www.cas.org/ONLINE/DBSS/wpix.html

WPIDS/WPINDEX/WPIX/WPIFV

–Japanese inventor names available

Starting with publication date June 2, 2005, full inventor names are available for all Japanese patent publications covered in WPIDS/WPINDEX/WPIX and WPIFV. These names are available from update 200537 for WPIDS/WPINDEX/WPIX and update 200536 for WPIFV. This development enables enhanced retrieval and display of Japanese inventor information.

The WPIDS/WPINDEX/WPIX/WPIFV Database Summary Sheets are available at:

www.cas.org/ONLINE/DBSS/wpids.html
www.cas.org/ONLINE/DBSS/wpindex.html
www.cas.org/ONLINE/DBSS/wpix.html
www.cas.org/ONLINE/DBSS/wpifv.html

STNews

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Searching for properties with the CAS Registry Number Wizard



Q: Is there an easy way to find data for a specific property of a CAS Registry Number?

A: Yes, use the CAS Registry Number Wizard in STN Express with *Discover!*, Analysis Edition, Version 7.01 or higher.

With the CAS Registry Number Wizard, you only need to know the CAS Registry Number for the substance and the name of the specific property. You do not need to know what databases to use—the wizard “knows” what properties are available in the databases. Likewise, you do not need to know the search field code for the specific property—the wizard automatically specifies the appropriate search term and search field for the property.

Follow these easy steps:

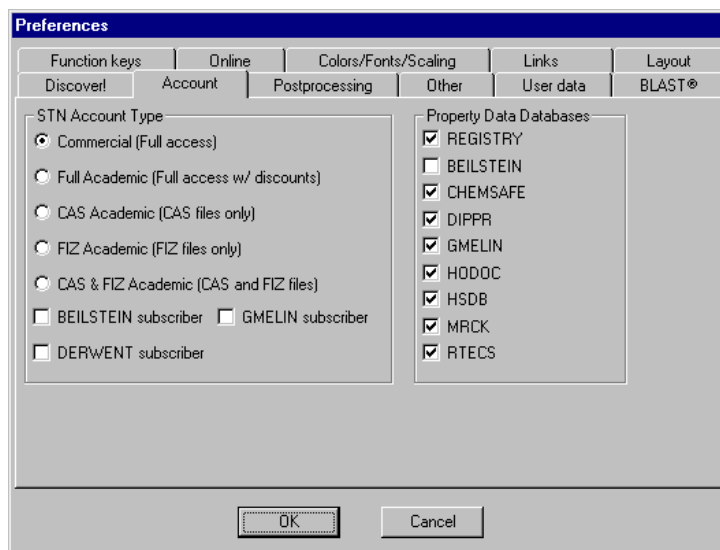
1. Search REGISTRY if you need to find or confirm the CAS Registry Number for the compound of interest.
2. Click on the CAS Registry Number to invoke the CAS Registry Number Wizard and select **Get property data**, and then the property of interest. Alternatively, you can select the CAS Registry Number Wizard from the Select *Discover!* Wizard window.

The CAS Registry Number Wizard can search for availability of property data in the following databases:

- BEILSTEIN
- CHEMSAFE
- DIPPR
- GMELIN
- HODOC
- HSDB
- MRCK
- REGISTRY/ZREGISTRY
- RTECS

All of these databases, except BEILSTEIN, are available by default for property data searching with the CAS Registry Number Wizard.

To select and deselect the databases, edit the **Account** tab of **Preferences** in STN Express.



You do not need to know what databases to use
or search field code for a specific property.
The wizard automatically
selects the databases and specifies
the appropriate search terms and fields.



Locate LD50 data for dimethyl sulfoxide.

Enter REGISTRY
to search for the
substance and
display the CAS
Registry Number.

```
=> FILE REGISTRY
=> S DIMETHYL SULFOXIDE/CN
L1          1 DIMETHYL SULFOXIDE/CN
=> D RN
L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
RN 67-68-5 REGISTRY
```

Click the
CAS Registry
Number to display
and select the
wizard options.

Experimental and calculated property data are now available. For more information, click on the arrow prompt in the file or refer to the web at: <http://www.registryss.html>

```
*** YOU HAVE SELECTED RN 67-68-5 ***
=> S D
L1
=> D R
L1
RN 67-68-5 REGISTRY
```

- Get REGISTRY data
- Get catalog data
- Get regulatory data
- Get MSDS data
- Get spectra
- Get property data
 - Biological Properties
 - Bioconcentration Factor
 - Median Lethal Dose
 - Toxicity
 - Chemical Properties
 - Electrical Properties
 - Lipinski Properties
 - Magnetic Properties
 - Nuclear Properties
 - Optical Properties
 - Physical Properties
 - Safety Data
 - Thermal Properties
 - Thermodynamic Properties
- Structure search
- Get Related Polymers
- Get Related Sequences
- Return to last file

STN Express with *Discover!* automatically performs the necessary steps to search for and display the requested property information.

Additional resources

For more information about STN Express or properties, visit:

www.cas.org/ONLINE/STN/expresources.html

www.cas.org/ONLINE/STN/doc.html

Steps automatically performed by STN Express.

```
=> FIL REGISTRY
=> S 67-68-5/RN
L2          1 67-68-5/RN

=> SEL RN
E1 THROUGH E1 ASSIGNED

=> INDEX REGISTRY, MRCK, RTECS
=> S E1 AND LD50/FA
          1 FILE REGISTRY
          1 FILES HAVE ONE OR MORE ANSWERS, 3 FILES SEARCHED IN STNINDEX

L3  QUE 67-68-5/BI AND LD50/FA
      :
      :

L4  ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
RN  67-68-5 REGISTRY
```

CODE	VALUE	CONDITION	TYPE	NOTE
LD50	16500-19500 mg/kg	Orgn: mouse Rte: oral	Experimental	(1) CAS
LD50	15400 mg/kg	Orgn: mouse Rte: intraperitoneal	Experimental	(2) CAS
LD50	15000-16000 mg/kg	Orgn: rat Rte: intraperitoneal	Experimental	(3) CAS
LD50	14500 mg/kg	Orgn: rat Rte: oral	Experimental	(4) CAS
LD50	13300 mg/kg	Orgn: mouse Rte: intraperitoneal	Experimental	(2) CAS
LD50	12000 mg/kg	Orgn: rat Rte: intraperitoneal	Experimental	(5) CAS
LD50	11900 mg/kg	Orgn: mouse Rte: intraperitoneal	Experimental	(2) CAS
LD50	11000-20500 mg/kg	Orgn: mouse Rte: subcutaneous	Experimental	(1) CAS
LD50	10900 mg/kg	Orgn: mouse Rte: intraperitoneal	Experimental	(2) CAS
LD50	5000-10000 mg/kg	Orgn: mouse Rte: intravenous	Experimental	(1) CAS
LD50	3100 mg/kg	Orgn: mouse Rte: intravenous	Experimental	(4) CAS

- (1) FR M4190 1966 CAPLUS
- (2) Worthley, Elmer G.; Toxicology and Applied Pharmacology 1969 V15(2) P275-81 CAPLUS
- (3) Lappenbusch, William L.; Radiation Research 1971 V46(2) P279-89 CAPLUS
- (4) Fishman, E. G.; Toxicology and Applied Pharmacology 1969 V15(1) 74-82 CAPLUS
- (5) Filippova, Z. Kh.; Khimiya Seraorganicheskikh Soedinenii, Soderzhashchikhsya v Neftyakh i Nefteproduktakh 1972 V9, P562-5 CAPLUS

Experimental Property Tags (ETAG)

```
PROPERTY| NOTE
=====+=====
LD50    |(1) CAS
```

- (1) Caujolle, Fernand; Annals of the New York Academy of Sciences 1967 V141(1) P110-25 CAPLUS

See HELP PROPERTIES for information about property data sources in REGISTRY.

SCISEARCH... analyzing a Nobel prize winner

In 2002, John B. Fenn shared the Nobel Prize in Chemistry for his work, "Soft Desorption Ionization methods for Mass Spectral Analyses of Biological Macromolecules." The newly reloaded SCISEARCH database helps you explore Fenn's work and see who is referencing it. The example on the right throughout the article illustrates the steps needed to search and analyze the author's work.

Find cited documents

To find cited documents, begin by using an EXPAND command in the Reference Author (/RAU) field.

Since there are 3,342 documents that cite Fenn's work, you can use the ANALYZE command to extract the most cited documents.

You can see that the 1989 *Science* article has been referenced far more than any other. For no additional fee, you can use the ANALYZE command again to isolate the documents that cite this specific article.

Use ANALYZE to find citations

To find citations use the ANALYZE command. The resulting L-number answer set (L4) includes the documents that cite Fenn's 1989 *Science* article.

The newly reloaded SCISEARCH database helps you explore an author's work and see who is referencing it.

```
=> FIL SCISEARCH
```

```
=> E FENN J/RAU 7
```

```
E1          3      FENN H R/RAU
E2          27     FENN H R B/RAU
E3          28 --> FENN J/RAU
E4          11     FENN J A/RAU
E5         3342    FENN J B/RAU
E6           1     FENN J B J/RAU
E7           1     FENN J D/RAU
```

```
=> S E5
```

```
L1         3342 "FENN J B"/RAU
```

```
=> ANA L1 HIT RE
```

```
L2          ANALYZE L1 1- RE HIT :      165 TERMS
```

```
=> D L2 DOC 1-5
```

```
L2          ANALYZE L1 1- RE HIT :      165 TERMS
```

TERM #	# OCC	# DOC	% DOC RE	
1	2214	2213	66.25	FENN J B, 1989, V246, P64, SCIENCE
2	995	995	29.77	FENN J B, 1990, V9, P37, MASS SPECTROM REV
3	249	248	7.42	FENN J B, 1993, V4, P524, J AM SOC MASS SPECTR
4	52	52	1.56	FENN J B, 1973, V59, P5591, J CHEM PHYS
5	33	33	0.99	FENN J B, 1997, V8, P1147, J AM SOC MASS SPECTR

```
=> ANA L2 1
```

```
L3          ANALYZE L2 1 :      1 TERM
```

```
=> S L3
```

```
L4         2213 L3
```

Enter SCISEARCH.

Locate documents that cite the authors work.

ANALYZE to extract the most cited documents.

ANALYZE to identify documents that cite a specific article.

Search Tip

Find the most referenced document

To locate the referenced document, search in the Author, Source, and Publication Year fields.

Use the default DISPLAY command and format to see the record.

Is the article still being cited?

The ANALYZE command lets you look further into the citing documents. You can ANALYZE the citing documents (L4) for publication year (PY) and subject index terms (STP). Analyzing for two fields with the same command saves one ANALYZE fee.

To see if the article is still being cited, display the extracted PY terms from L6 in descending alphabetical order.

The most citations came in 2004. For 2005, the number will likely be as high or higher.

```
=> S FENN J B/AU AND SCIENCE/SO AND 1989/PY
      74 FENN J B/AU
      1123273 SCIENCE/SO
      660325 1989/PY
      (19890000-19899999/PY)
L5      1 FENN J B/AU AND SCIENCE/SO AND 1989/PY

=> D

L5      ANSWER 1 OF 1 SCISEARCH COPYRIGHT (c) 2005 The
      Thomson Corporation on STN
AN      1989:514620 SCISEARCH
GA      The Genuine Article (R) Number: AT607
TI      ELECTROSPRAY IONIZATION FOR MASS-SPECTROMETRY OF LARGE
      BIOMOLECULES
AU      FENN J B (Reprint); MANN M; MENG C K; WONG S F;
      WHITEHOUSE C M
CS      YALE UNIV, DEPT CHEM ENGN, NEW HAVEN, CT 06520 (Reprint)
CYA     USA
SO      SCIENCE, (6 OCT 1989) Vol. 246, No. 4926, pp. 64-71.
      ISSN: 0036-8075.
PB      AMER ASSOC ADVANCEMENT SCIENCE, 1200 NEW YORK AVE, NW,
      WASHINGTON, DC 20005.
DT      Article; Journal
FS      PHYS; LIFE; AGRI
LA      English
REC     Reference Count: 41
ED      Entered STN: 1994
      Last Updated on STN: 1994

=> ANA L4 PY STP
L6      ANALYZE L4 1- PY STP :      4913 TERMS

=> D PY ALPHA D 1-
L6      ANALYZE L4 1- PY STP :      4913 TERMS

TERM #   # OCC   # DOC   % DOC PY STP
-----
      37     124    124    5.60 2005
      38     232    232   10.48 2004
      39     192    192    8.68 2003
      40     149    149    6.73 2002
      41     140    140    6.33 2001
      42     158    158    7.14 2000
      66     140    140    6.33 1999
      67     160    160    7.23 1998
      68     171    171    7.73 1997
      69     155    155    7.00 1996
      70     136    136    6.15 1995
      71     148    148    6.69 1994
      72     117    117    5.29 1993
      73      79     79    3.57 1992
      74      74     74    3.34 1991
      75      38     38    1.72 1990
```

Search the author, source, and publication year for the article of interest.

ANALYZE to see if the article is still being cited.

Search Tip

Using STP subject indexing

You may also want to find other authors that are active in this field.

Use the extracted Supplementary Terms Plus (/STP) to assist in creating a Basic Index search to locate other authors active in this field. Display L6 using STP terms.

Note: These terms are available from 1991 to the present in SCISEARCH.

You can use displayed STP terms and synonyms for a Basic Index search.

Search L7 to eliminate documents citing the 1989 *Science* article (L4).

Use ANALYZE to locate other highly cited papers

You can use ANALYZE to identify other authors that are highly cited in this subject area.

And, you can identify other cited documents by Fenn as well.

Additional resources

The SCISEARCH Database Summary Sheet is also available at:
www.cas.org/ONLINE/DBSS/scisearchss.html

For more information:

- Enter the HELP ANALYZE command in SCISEARCH.
- Visit www.cas.org/training/stncommands/analyze.html for details about the ANALYZE command.
- Reference the *Citation Searching in SCISEARCH* Quick Reference Card at www.cas.org/ONLINE/QR/scisearch.pdf.

The ANALYZE command in conjunction with the powerful features of the newly reloaded SCISEARCH database allows you to explore deeply into the chemical literature.

```
=> D L6 STP
L6          ANALYZE L4 1- STP :    4916 TERMS

TERM #    # OCC    # DOC    % DOC STP
-----
1         538     538     24.23 ELECTROSPRAY-IONIZATION
2         412     412     18.56 IONIZATION
3         301     301     13.56 MASS-SPECTROMETRY
4         267     267     12.03 PROTEINS
5         210     210     9.46 GAS-PHASE
6         193     193     8.69 BIOMOLECULES
7         190     190     8.56 IDENTIFICATION
8         177     177     7.97 ELECTROSPRAY IONIZATION
9         162     162     7.30 PEPTIDES
10        150     150     6.76 SPECTRA

=> S ELECTROSPRAY (L) ?IONIZ? (L) (BIOMOLEC? OR PROTEIN OR
    PEPTIDE OR LARGE MOLECUL? OR MACROMOLEC?)

L7          3574 ELECTROSPRAY (L) ?IONIZ? (L) (BIOMOLEC? OR
    PROTEIN OR PEPTIDE OR LARGE MOLECUL? OR
    MACROMOLEC?)

=> S L7 NOT L4
L8          2803 L7 NOT L4

=> ANA RAU
L9          ANALYZE L8 1- RAU :    38013 TERMS

=> D DOC
L9          ANALYZE L8 1- RAU :    38013 TERMS

TERM #    # OCC    # DOC    % DOC RAU
-----
1         857     497     17.73 SMITH R D
2         762     463     16.52 LOO J A
3         347     277     9.88 BIEMANN K
4         337     272     9.70 MANN M
5         248     234     8.35 ROEPSTORFF P
6         237     222     7.92 FENN J B
7         240     193     6.89 WILM M
8         277     189     6.74 YATES J R
9         208     185     6.60 CHOWDHURY S K
10        238     179     6.39 HUNT D F
```

Use STP terms to locate other authors active in the field.

Search some of the STP terms.

Eliminate documents citing the 1989 *Science* article.

ANALYZE to find other authors highly cited in this subject area.



Using the Save for STN AnaVist Wizard

With the introduction of STN AnaVist, you can now take advantage of:

- The power of searching STN
- New ways to visualize and explore the wealth of document information in STN AnaVist

Just follow these steps:

1. Search STN Express with *Discover!* and save the results using the **Save for STN AnaVist** Wizard
2. Import the results to STN AnaVist

Note: The **Save for STN AnaVist** Wizard is available only in STN Express with *Discover!*, Analysis Edition, Version 8.0.

Searching STN

Prior to saving results with the **Save for STN AnaVist** Wizard, you can search one or more of the following databases together or separately:

- CA/CAplus family
- CASREACT*
- MARPAT/MARPATprev*
- PCTFULL
- USPATFULL
- USPAT2
- CASLINK database cluster*
- (H)ANAVIST database cluster [(H)CAplus, USPATFULL, USPAT2, PCTFULL]*

*The CAplus portion of the record will be saved for STN AnaVist.

And, take advantage of powerful STN search features such as:

- Proximity operators for specifying relationships between concepts
- STN truncation and character masking
- Duplicate detection
- Identifying a single member of each patent family (using FSEARCH and FSORT) for visualization

Additional resources

For more information about the Save for STN AnaVist Wizard, refer to the example at: www.cas.org/ONLINE/STN/saveanavist.html

For more information about STN AnaVist, see the Feature article in this issue of *STNews*.

Also, visit the STN AnaVist Resources web page: www.cas.org/stnanavist/resources.html

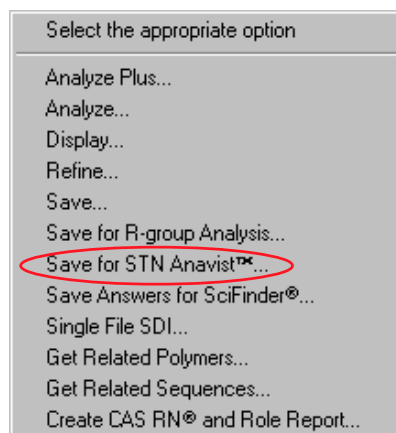
Resources include:

- STN AnaVist Quick Start Guide
- STN AnaVist tutorials

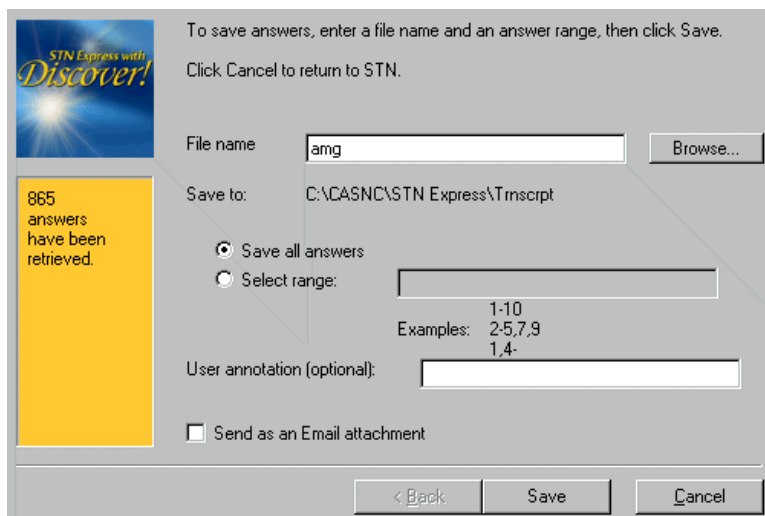
Saving results

To use the Save for STN AnaVist Wizard:

1. Access the **Save for STN AnaVist** Wizard, e.g., by clicking on the L-number you want to save and selecting **Save for STN AnaVist**.



2. Enter a file name. Note the default folder where the documents will be saved as a file for importing to STN AnaVist. Also, note that you may save a range of documents. Click **Save**.



3. The documents are saved in .rnx format, and a confirmation message displays.


The file has been saved with 865 of 865 answers.

OK

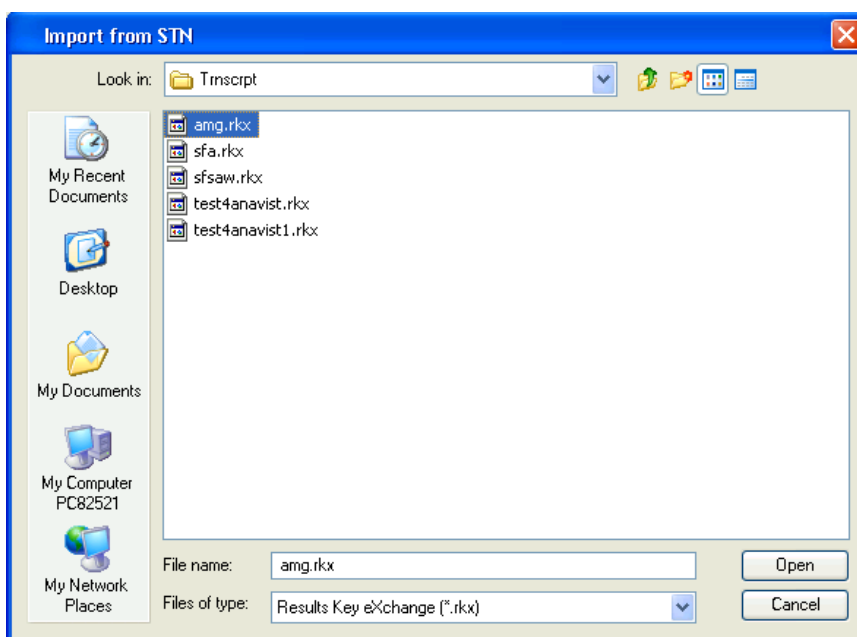


Importing documents into STN AnaVist

To import documents into STN AnaVist:

1. Log on to STN AnaVist.
2. Click on the  Import from STN toolbar.
3. Locate the saved .rnx file.
4. Click **Open**.

Your saved results are now available for visualization in STN AnaVist!



Monitoring patent families in INPADOC

This is the third in a series of articles on monitoring patents with INPADOC. This article discusses the use of current-awareness alerts (SDIs) to monitor patent families with:

- Family update codes
- Family display formats with current update information

Take advantage of family-based update codes and new display formats with current update information.

Family update codes

Monitoring patent families in INPADOC is easier and more flexible with the addition of family-based update codes.

To monitor...	Use the Update Field Code in your current-awareness alert (SDI)...
New equivalent patents (new records)	UPFD
All new patent publications (new levels)	UPFP
New family members (new records and new publication levels) and legal status changes	UPFE

Family display formats with current update information

In addition to complete family display formats (e.g., CFAM, FAM, FAM2), you can take advantage of new display formats that contain the current update information only.

Display format	Content
FFAMUP	BIB and/or LSUP (Legal Status Update) for all updates in the current week of a patent family
FFAMUP.PC	FFAMUP for a specific country only, e.g., FFAMUP.EP ¹
FFAMED	New publications and/or LSUP (current week) of the patent family
FFAMED.PC	FFAMED for a specific country only, e.g., FFAMED.WO ¹
LFAMUP	PI LSUP (current week) for a given patent family
LFAMUP.PC	LFAMUP for a specific country only, e.g., LFAMUP.FR ²

¹ Available for the following patent countries: AT, AU, BE, CA, CH, DE, DK, EP, ES, FI, FR, GB, GR, IE, IL, IT, JP, HU, NL, NO, SE, US, WO.

² Available for the following patent countries: AT, AU, BE, CA, CH, DE, DK, EP, ES, FI, FR, GB, NL, NO, SE, US, WO.

Monitor EP1466663 for new equivalents.

To monitor new equivalents for a patent, enter UPFD as your update code in the SDI command. To display the update information for the current week, use the FFAMED display format.

```
=> FILE INPADOC

=> S EP1466663/PN
L1          1 EP1466663/PN

=> S L1 AND UPFD>20050100
          2980766 UPFD>20050100
              (UPFD>20050100)
L2          1 L1 AND UPFD>20050100
```

Enter INPADOC and search the patent number.

Use the UPFD code to retrieve new equivalent patents in 2005.

Patent Interchange



Additional resources

For more information about searching in INPADOC, visit:
www.stn-international.de/training_center/patents/inpadoc_wm.pdf

The INPADOC Database Summary Sheet is available at:
www.cas.org/ONLINE/DBSS/inpadocss.html

=> **D FAM2**

L2 ANSWER 1 OF 1 INPADOC COPYRIGHT 2005 EPO on STN

PATENT FAMILY INFORMATION

AN 245041827 INPADOC

```

+-----PRAI-----+ +-----PI-----+
EP 2003-6098      A  20030319  CA 2461405      AA 20040919
                  EP 1466663      A1 20041013
                  JP 2004340931   A2 20041202
                  US 2004235022   AA 20041125
EP 2004-6597      A  20040318  EP 1466663      A1 20041013

+-----AI-----+ +-----PI-----+
CA 2004-2461405   A  20040318  CA 2461405      AA 20040919
EP 2004-6597      A  20040318  EP 1466663      A1 20041013
JP 2004-78550     A  20040318  JP 2004340931   A2 20041202
US 2004-802249    A  20040317  US 2004235022   AA 20041125
    
```

2 priorities, 4 applications, 4 publications

=> **SDI**

```

ENTER QUERY L# FOR SDI REQUEST OR (END):L1
ENTER UPDATE FIELD CODE (UP) OR ?:UPFD
ENTER SDI REQUEST NAME, (AA225/S), OR END:EPPATENT/S
:
:
ENTER PRINT FORMAT (BIB.M) OR ?:FAM2 FFAMED
:
:
QUERY L1 HAS BEEN SAVED AS SDI REQUEST ,EPPATENT/S'
    
```

Use the FAM2 format to display the complete patent family.

In the SDI command, enter UPFD as your update code.

Enter FFAMED to display the current update information.

Monitor WO2004/99195 for new EP or US family members and their legal status.

To retrieve new family members and legal status changes, use the UPFE update code in the SDI command. To display the current update information for a specific country, use the FFAMED.PC format, where PC is the patent country code of interest, e.g., EP or US.

=> **S WO2004099195/PN**

```

L3          1 WO2004099195/PN
              (WO2004099195/PN)
    
```

=> **SDI**

```

ENTER QUERY L# FOR SDI REQUEST OR (END):L3
ENTER UPDATE FIELD CODE (UP) OR ?:UPFE
:
:
ENTER PRINT FORMAT (BIB.M) OR ?:FFAMED.EP FFAMED.US
:
:
QUERY L3 HAS BEEN SAVED AS SDI REQUEST 'AA225/S'
    
```

Search the patent number.

In the SDI command, use the UPFE code.

Use FFAMED.PC to specify countries of interest.

BEILSTEIN's hidden treasure: early patents

BEILSTEIN on STN is an important structure and factual chemical substance database. It contains fully searchable chemical structures and associated properties from 1779 to the present.

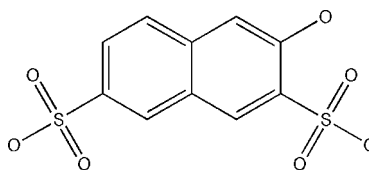
BEILSTEIN includes more than 160,000 patents from 1779-1980 that reference more than 1.4 million substances at first, only German patents were covered, but later coverage included other major patent-issuing countries. There is a substantial amount of unique patent data, most notably from 1930-1940.

Many of the early patents focus on preparative methods, such as laboratory synthesis, purification, technical synthesis, and biochemical preparation. A main area of interest was the synthesis of dyes. Until the middle of the 19th century, all dyes used in industry came from natural sources. Most of these were plant extracts or minerals and a few were animal products. The range of colors was limited as was usability. During the 19th century, research in organic chemistry led to the manufacturing and widespread marketing of synthetic dyes.

Most of the promising dyes were protected by patents. Today, the knowledge about pre-existing patents, as well as other publications and material, e.g., prior art, is important in determining future research planning and objectives.

BEILSTEIN on STN is an important structure and factual chemical substance database. It contains fully searchable chemical structures and associated properties from 1779 to the present.

This reaction record for Acid Chrome Black V includes an early patent reference.



Reaction:

RX

Reaction ID (.ID): 674868
Reactant BRN (.RBRN): 521151
Reactant (.RCT): 6-hydroxy-naphthalene-2-sulfonic acid
Product BRN (.PBRN): 623734
Product (.PRO): 3-hydroxy-naphthalene-2,7-disulfonic acid
No. of React. Details (.NVAR): 1

Reaction Details:

RX

Reaction RID (.RID): 674868.1
Reaction Classification (.CL): Preparation
Reagent (.RGT): sulfuric acid, potassium pyrosulfate
Note(s) (.COM): Handbook

Reference(s):

1. Patent: Baum 1883, Fortschr. Teerfarbenfabr. Verw. Industriezweige, 1, 384

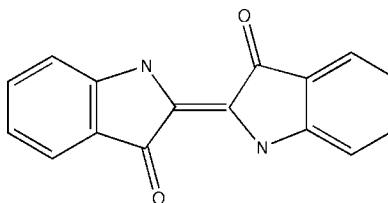
Searching for patents in BEILSTEIN

Although BEILSTEIN is a chemical substance database, there are several patent search fields to help you locate substance patent references.

Search field	Search code
Document Type	/DT
Journal Title	/JT
Patent Assignee	/PA
Patent Country	/PC
Patent Number	/PN
Publication Year	/PY
Citation (unresolved)	/URES

Patent Numbers (/PN) may be used with SELECT, ANALYZE, and TRANSFER.

Find substances with an indigo substructure that are mentioned in old patents.



```

=> FILE BEILSTEIN

=>
Uploading C:\Programme\stnexp\Queries\indigo1.str

L5      STRUCTURE UPLOADED

=> S L5
SAMPLE SEARCH INITIATED 16:35:10
SAMPLE SCREEN SEARCH COMPLETED -      24 TO ITERATE

100.0% PROCESSED      24 ITERATIONS  22 ANSWERS
SEARCH TIME: 00.00.02

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:   187 TO    773
PROJECTED ANSWERS:     159 TO    721

L11      22 SEA SSS SAM L5

=> S L5 FULL
FULL SEARCH INITIATED 16:35:16
FULL SCREEN SEARCH COMPLETED -      402 TO ITERATE

100.0% PROCESSED     402 ITERATIONS  372 ANSWERS
SEARCH TIME: 00.00.01

L12      372 SEA SSS FUL L5

=> S 112 AND P/DT
L13      3 L12 AND P/DT

=> D 1-3 HIT

L13 ANSWER 1 OF 3 BEILSTEIN COPYRIGHT 2005 BEILSTEIN
      CDS MDL

Crystal Property Description:
CPD
Reference(s):
1.Patent: Minnesota Mining Co. US 3981859 1976,
      Chem.Abstract, 86(6391)
    
```

Enter
BEILSTEIN.

Upload the indigo
substructure.

Conduct a
no-cost SAMPLE
search to ensure
the search
will run to
completion.

Conduct a FULL
search to find all
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Chemical Derivative:

CDER

Note(s) (.COM): dibromide, Further Data see Handbook (Preparation), Handbook

Reference(s):

1. Patent: Hoechster Farbw. DE 242030, Fortschr. Teerfarbenfabr. Verw. Industriezweige, 10, 377
2. Patent: Hoechster Farbw. DE 230596, Fortschr. Teerfarbenfabr. Verw. Industriezweige, 10, 374
3. Patent: Hoechster Farbw. DE 224809, Fortschr. Teerfarbenfabr. Verw. Industriezweige, 10, 370

Crystal Property Description:

CPD

(CPD): kupferglaenzend, violett

Note(s) (.COM): Handbook

Reference(s):

1. Grandmougin, Chem. Ber., CODEN: CHBEAM, 42, <1909>, 4408
2. Danaila, C.R. Hebd. Seances Acad. Sci., CODEN: COREAF, 149, <1909>, 1385
3. Patent: Ges. f. chemical Ind. DE 193438

CPD

(CPD): blau

Note(s) (.COM): Handbook

Reference(s):

1. Patent: Hoechster Farbw. DE 228960, Fortschr. Teerfarbenfabr. Verw. Industriezweige, 10, 383

Melting Point:

Value (MP) (Cel)	Solvent (.SOL)	Reference	Note
	nitrobenzene	1, 2, 3	1
	methyl benzoate	4	1

Reference(s):

1. Grandmougin, Chem. Ber., CODEN: CHBEAM, 42, <1909>, 4408
2. Danaila, C.R. Hebd. Seances Acad. Sci., CODEN: COREAF, 149, <1909>, 1385
3. Patent: Ges. f. chemical Ind. DE 193438
4. Patent: Hoechster Farbw. DE 228960, Fortschr. Teerfarbenfabr. Verw. Industriezweige, 10, 383

Notes(s):

1. Handbook

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Isolation from Natural Product:

INP(INP): von reinem Indigo aus Naturindigo Durch Behandlung mit Eisessig-Schwefelsaeure und Hydrolyse des entstandenen Sulfats

Note(s) (.COM): Handbook

Reference(s):

1. Patent: Ullmann, G. DE 156829, Fortschr. Teerfarbenfabr. Verw. Industriezweige, 8, 441
2. Binz; Kufferath, Justus Liebigs Ann. Chemical, CODEN: JLACBF, 325, <1902>, 199
3. Bloxam, J. Chem. Society, CODEN: JCSOA9, 87, <1905>, 977

Patent references occur in numeric fields as well as in reaction records.

Note: Old descriptions are mainly in German.

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- STN: Advanced Structure Search Techniques – Ring Information
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September 28
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Milano, Italy

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October 5-7
Mumbai, India

BioTech Forum
October 10-12
Stockholm, Sweden

ICIC 2005
October 16-19
Nimes, France

Frankfurt Book Fair
October 19-23
Frankfurt, Germany

Korean Chemical Society Fall Meeting
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Wonju, Korea

BioMed Conference
October 25-26
Baltimore, Maryland

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October 27-29
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November 1-3
Madrid, Spain

SERM & SWRM – ACS
November 1-4
Memphis, Tennessee

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November 8-10
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10/25	1:00-2:00 p.m.	STN: Finding Clinical Trial and Drug Pipeline Information
11/10	8:30-9:30 a.m.	STN: Finding Clinical Trial and Drug Information (rebroadcast)
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12/8	8:30-9:30 a.m.	STN: Multifile Patent Searching (rebroadcast)
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