

Newsletter from STN

JANUARY 2008



In this Issue. . .

- STN[®] AnaVist[™], Version 2.0 – Now Available with Derwent World Patents Index[®]
- Tips from the Help Desk – Efficient Structure Searching in Beilstein
- Spotlight on NUTRACEUT
- Food Forum
- STN Scripts User Community
- Database News You May Have Missed
- Training Opportunities and Updates
- And Finally

STN[®] AnaVist[™], Version 2.0 – now available with Derwent World Patents Index[®]

STN AnaVist, Version 2.0, is the only platform that permits analysis of both CAplusSM and Derwent World Patents Index (DWPISM), with content processed by STN for optimal visualization.

In addition, with Version 2.0 you can:

Examine the Research Landscape from your point-of-view – take advantage of new clustering fields, including Technology Indicators, Exemplary/First Claim, All Claims, and International Patent Classification (IPC) Codes, and customize your visualization using combinations of text fields.

Gain a more complete understanding of your data – create a variety of new bar charts based on Derwent Class, Derwent Manual Codes, Labels, and Patent Country Codes/Kind Codes.

Perform comparative analysis with ease – use new document highlighting features, and up to eight highlighting colors at once, to compare multiple data sets.

Enhance your document management – create new custom labels and apply them at any time to individual documents or document sets.

Pinpoint the research of your competitors and customers – enhance your view of the Research Landscape with new 2D displays with white or black backgrounds.

With STN AnaVist, Version 2.0, you can now examine scientific and patent data from all angles. For additional information, visit the Products & Services web pages for [STN AnaVist](#).

Tips from the Help Desk

Search Tips – Efficient structure searching in BEILSTEIN

The pricing structure for BEILSTEIN has been changed to resemble traditional STN pricing more closely.

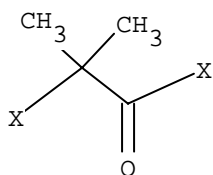
Previously, a display fee was charged in BEILSTEIN. All other functionality, including connect time and structure searching, was free of charge. Now, the fees are distributed more evenly with the display price reduced significantly, a small connect-time fee introduced and a moderate structure search fee introduced.

To view the new prices, please refer to the STN Price List at <http://www.stn-international.de/service/prices/prices.html> or enter HELP COST at an arrow prompt when in the BEILSTEIN database.

The change makes substructure searching an economic option when you want to carry out a structure search on 4 or more closely related structures.

Example:

You want to search for preparations or properties of the following structure in which X is halogen:



If you carry out a substructure search using X, the STN variable for halogen, you will retrieve any combination of halogens at the desired positions.

In this case, it is straightforward to block unwanted substitution by use of the CH₃ shortcut. If you have a more complex structure and want to block further substitution at open positions without specifying all the hydrogens, you may prefer to use Closed Substructure Search (CSS).

What is CSS?

Closed Substructure Search allows variability within a structure, such as the use of STN variable nodes X, Hy, Ak, while automatically putting hydrogens at all open positions (unless a position is specifically opened to further substitution) and isolating any rings. Therefore, CSS provides the power of substructure searching with the convenience of FAMILY searching and is useful when a query has variable nodes, but only a few places where substitution is required. It can be used in **any** structure-searchable file.

Just upload a structure and carry out an initial sample search, as you would with SSS:

```
=> FILE BEILSTEIN

=>
Uploading C:\CASNC\STN Express\Queries\halogen.str

L1  STRUCTURE UPLOADED

=> S L1 CSS SAM

L2  0 SEA CSS SAM L1

=> S L1 CSS FULL

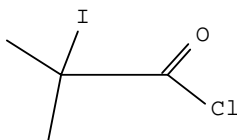
L3  4 SEA CSS FUL L1
```

Displaying BEILSTEIN hits:

IDE is a useful display format which includes the substance identification information, plus field availability. So you can see at a glance which data is available for a hit structure:

L3 ANSWER 1 OF 4 BEILSTEIN COPYRIGHT 2008 BEILSTEIN MDL on STN

```
Beilstein Records (BRN):          1922968
Beilstein Pref. RN (BPR):         54468-35-8
CAS Reg. No. (RN):                54468-35-8
Chemical Name (CN):                 $\alpha$ -Iod-isobuttersaeurechlorid
Autonom Name (AUN):                2-iodo-2-methyl-propionyl chloride
Molec. Formula (MF):               C4 H6 Cl I O
Molecular Weight (MW):             232.45
Lawson Number (LN):                1175
Compound Type (CTYPE):             acyclic
Constitution ID (CONSID):          1749864
Tautomer ID (TAUTID):              1830753
Beilstein Citation (BSO):          5-02
Entry Date (DED):                  1989/06/29
Update Date (DUPD):                1994/04/28
```



Field Availability:

| Code | Name | Occurrence |
|--------|----------------------------|------------|
| BRN | Beilstein Records | 1 |
| BPR | Beilstein Preferred RN | 1 |
| RN | CAS Registry Number | 1 |
| CN | Chemical Name | 1 |
| AUN | Autonomname | 1 |
| MF | Molecular Formula | 1 |
| FW | Formular Weight | 1 |
| LN | Lawson Number | 1 |
| CTYPE | Compound Type | 1 |
| CONSID | Constitution ID | 1 |
| TAUTID | Tautomer ID | 1 |
| BSO | Beilstein Citation | 1 |
| DED | Entry Date | 1 |
| DUPD | Update Date | 1 |
| BP | Boiling Point | 2 |
| NMR | Nuclear Magnetic Resonance | 1 |

This substance also occurs in Reaction Documents:

| Code | Name | Occurrence |
|-------|--------------------------------|------------|
| RX | Reaction Documents | 3 |
| RXREA | Substance is Reaction Reactant | 1 |
| RXPRO | Substance is Reaction Product | 2 |

This particular substance has reaction information, which may be displayed in the format RX, and boiling points, which may be displayed in the format BP etc.

Spotlight on NUTRACEUT

Nutraceuticals International was one of the first publications dealing with the global nutraceutical, dietary supplement and functional food and beverage markets.

Its subject matter includes:

Company News - corporate development, trends and strategies, financial reports, sales performance, marketing developments, multinational deals, strategic alliances and M&A activity.

Product news - approvals and rejections, R&D, clinical trials, product development and new introductions and licensing arrangements.

European, USA and world news - current and proposed market legislation, global regulatory decisions on labelling, content, claims allowances and disallowances.

It provides an all round view of worldwide events in these industries, sourced from an international network of correspondents. All articles are archived since the first issue in 1996, with about 120 added each month.

There is much interest in allowable content and allowable labeling claims for health foods and vitamin supplements, which have variations from country to country. You can perform a search in NUTRACEUT to investigate this with the following strategy:

L1 602 HEALTH FOOD# OR VITAMIN SUPPLEMENT#
L2 1115 LABEL?
L3 103 L1 (L) L2

Note the use of the (L) operator to make sure that the two search statements appear in the same information unit of the hit records. The use of (S) here would restrict the terms to the same sentence or paragraph, which can be useful to target the answers when there are large numbers for review.

The type of result you will find includes:

AN 1009595 NUTRACEUT [Full-text](#)
TI NNFA Japan urges govt to take strategic approach
SO Nutraceuticals International Vol 12 No 7, Jul 2007
TX Recently, the Japanese Ministry of Health, Labor and Welfare announced that it had requested that marketers of "health food" products, including dietary supplements, change certain product names that suggest a health effect (for example, treat allergies or lower cholesterol). The companies, some of whom are category leaders in the Japanese market, had until the end of May to change the names.

"Many foods and dietary supplements have health benefits that are well documented in the scientific literature," said Randy Dennin, chairman of NNFA Japan. "If label claims regarding health benefits were allowed, even if only for those products where the scientific evidence is the strongest, then manufacturers would not need to resort to 'creative names' to inform consumers what their products are and their intended use."

From R&D to sales and marketing, licensing to regulatory affairs, you can always make better decisions if you have better information. So make the most of this valuable resource, based on the weekly publication Nutraceuticals, which has a wealth of up to the minute news in easily-read text format.

If you have any feedback we will be happy to pass it on to the database producer for you.

Food Forum

We have a new subject forum planned for this Spring: the STN Food Forum will take place

on Thursday 17 April 2008 in Burlington House, London. Speakers will include representatives from STN database producers and industry specialists and there will be plenty of opportunities to talk to them throughout the day. Keep up to date with STN developments and find out how to take advantage of analysis tools for competitive intelligence through the power of STN AnaVist. Please contact us for further information.

STN Scripts User Community

The STN Scripts User Community is a new website launched in December 2007 for information professionals interested in the script language of STN Express. You are invited to join the User Community to upload your scripts and to discuss topics regarding the script language. If you are interested, please register at <http://www.stn-scripts.ch/index.php/register> and forward this information to any colleagues interested in the script language of STN.

STN Database News You May Have Missed.....

CAS patent coverage enhanced to include exemplified prophetic substances

CAS is now covering exemplified prophetic substances in CA/CPlusSM, CAS REGISTRYSM, and CASREACT[®].

Prophetic substances are defined by CAS as:

1. Specific substances (e.g., reactants, isolated intermediates, products) that are described, but not characterized, in patent examples, and that do not also appear in patent claims. They may be identified (exemplified) by the inventor by chemical name or structure, including a structure displayed in tabular format.
2. Known substances reported in a patent to have novel or new uses when no substantiation of the novel/new uses is provided.

Newly identified prophetic substances are assigned CAS Registry Number[®] identifiers, added to REGISTRY, and indexed in CA/CPlus. Reactions involving prophetic substances (whether reactants, intermediates, or products) are added to CASREACT.

Initially, prophetic substances are indexed from English-language basic patents from:

- United States Patent and Trademark Office (US)
- European Patent Office (EP)
- World Intellectual Property Organization (WO)
- United Kingdom Intellectual Property Office (GB)
- Canadian Intellectual Property Office (CA)

CAS indexing of prophetic substances in CPlus is considered supplemental to standard patent indexing and does not fall under the CAS timeliness guarantee of full indexing within 27 days of receipt of patents from the 9 major patent offices.

The CA/CPlus roles thesaurus has been updated with a new term for prophetic substances, the PRPH super role. Additional roles may be assigned to prophetic substances. For more information, enter HELP ROLES and HELP PRPH at an arrow prompt (=>) in CA/CPlus, CASREACT, and REGISTRY. Contact us if you have questions regarding the impact of prophetic substance indexing on current-awareness alerts (SDIs).

CA/CAPLUS – enhanced with new custom display formats

Two new custom display formats for International Patent Classification (IPC) codes have been added to CA/CAPLUS: IPC.UNIQ – displays a set of unique IPC codes for a basic patent and equivalents (if any) and IPC.HIT – displays IPC codes matching those specified in the search query

CAS Registry Numbers to become 10-digit

To accommodate continuing growth of substance information in CAS REGISTRY, the 9-digit CAS Registry Number identifier format will be updated to 10 digits. All newly-registered substances will be assigned 10-digit CAS Registry Numbers beginning in mid-January 2008. STN Express Versions 8.0 and higher will not be affected by this change. However, some features in STN Express Versions 7.01 and lower will not work properly with new 10-digit numbers. Users can [upgrade to Version 8](#) for free.

EMBASE SDIs (current awareness alerts)

EMTREE codes are no longer being provided as part of the EMTREE thesaurus in EMBASE, so any SDIs which contain these will need to be updated.

IMSDRUGCONF – Removed from STN

IMSworld Medical and Pharmaceutical Meetings Diary (IMSDRUGCONF) has been removed from STN and from its associated database clusters by request of the database producer.

Learning File LINPADOCDB released

LINPADOCDB is a training database intended for learning how to use the INPADOCDB file. About 310,000 records with bibliographic data, abstracts, citations, legal status and patent family information were derived from INPADOCDB (INTERNATIONAL PATENT DOCUMENTATION DATA BASE). The file will not be updated, so SDI and the corresponding fields or formats are not available.

STN® Viewer™ enhanced with full-text patent content from USPATOLD

Patent documents from U.S. Patents Pre-1976 (USPATOLD) are now available with STN Viewer. USPATOLD includes more than 3.5 million records and covers the full text of patents issued from the U.S. Patent and Trademark Office (USPTO) from 1790-1975.

WPIX enhanced with XML display format

An XML display format has been added to the Derwent World Patents Index® (DWPISM with Extension Abstracts) subscriber database WPIX. The XML format is identical to the format distributed by Thomson Scientific and can be validated against the corresponding Thomson Scientific Document Type Description (DTD). For a copy of the DTD, contact Thomson Scientific [Global Customer Support](#).

To obtain the XML format for a retrieved document in WPIX, enter DISPLAY XMLDOC at an arrow prompt (=>). The display includes a hyperlink that provides access to a compressed (zipped) file of the record in XML format.

When the hyperlink is clicked, a one-time display fee is incurred. The link may be accessed multiple times at no additional charge for 90 days. Enter HELP COST at an arrow prompt (=>) for details on pricing.

ICSD – The Inorganic Crystal Structure Database - has been updated to more than 100,000 database records and reloaded with enhancements.

As an important part of STN's NUMERIC database cluster, FIZ Karlsruhe has updated and enhanced the ICSD file, the Inorganic Crystal Structure Database. In addition, ICSD has been enhanced with a Crystallographic Information File (CIF) display format and download option for seamless integration of ICSD data into third-party applications, eg structure visualisation or quantitative phase analysis.

ICSD is produced jointly by FIZ Karlsruhe and the National Institute of Standards & Technology, Gaithersburg USA. ICSD covers all crystallographic data and bibliographic data available on crystalline inorganic materials that have been fully determined from 1913 to the present, and is updated twice a year.

Training Opportunities and Updates

The STN Agency offers all public training courses **free of charge**, but we do reserve the right to cancel courses if there is insufficient interest. We will give you notice of any cancellation at least a week in advance, and ask that you let us know if you have to cancel after registering.

February

| | |
|---|-----------|
| 5 th INPADOCDB | London |
| 6 th Analyzing Search Results + STN AnaVist V2.0 | London |
| 13 th STN Basics – Next Steps | Cambridge |

March

| | |
|---|--------|
| 13 th Fulltext Patent Searching + STN Viewer | London |
|---|--------|

April

| | |
|---|------------|
| 9 th STN Basics for Chemists | Manchester |
|---|------------|

May

| | |
|--|------------|
| 7 th Structure Searching on STN | Manchester |
| 15 th MARPAT | Cambridge |

June

| | |
|---|-----------|
| 4 th Sequence Searching on STN | Cambridge |
|---|-----------|

[Registration Form:](#)

All full-day sessions will run 10.00am to 3.30pm

ADVANCE NOTICE

STN User Meetings will be held in June 2008 – Tuesday 17th in Manchester, and Wednesday 18th in London. Make a note in your diary and look out for the agenda in a separate message later!

e-Seminars

Live, interactive, web-based seminars bringing professional training to your desktop, each one hour long.

See: <http://casevents.webex.com/casevents/mywebex/> for registration details for the following seminars from CAS:

14th February at 2.00 pm STN: Ready, SET, Go!

13th March at 1.00 pm Creating superior document sets for STN AnaVist
10th April 10 at 2.00 pm Structure drawing in STN

See http://www.stn-international.de/training_center/seminars.html for registration details for the following seminars from FIZ:

2nd February at 2.00 pm Search tips: Technology searching in patent files
13th March at 2.00 pm Using Derwent World patents index with STN AnaVist
1st April at 2.00 pm Finding Legal status information on STN
24th April at 2.00 pm Searching in DWPI Chemistry Resource (DCR)

And Finally.....

Please contact us if you have any comments or questions arising from this newsletter:

Mike Corkill, Jan Davies, Ann Ennis, Diane Smith, Janet Selin

| | | |
|-------------------------------|----------------------|--|
| STN Agency UK & Eire | Tel: | +44 (0) 1223 432 110 |
| Royal Society of Chemistry | Fax: | +44 (0) 1223 426 017 |
| Thomas Graham House | Email: | stnhlpuk@rsc.org |
| Science Park, Milton Road | Visit STN Agency at: | www.rsc.org/stn |
| Cambridge CB4 0WF | Visit STN at: | www.stn-international.de |

You are receiving this email newsletter about STN from the STN Agency UK/Ireland because you have agreed to be updated about STN databases and services. If you do not wish to receive this Newsletter in the future please email STNHLPUK@rsc.org