



Hit Structure Reports

Hit Structure Displays Released in BizInt Smart Charts for Patents - Version 5

Support for hit structure displays from STN Classic, New STN, and STNnext was implemented in 2017-2018 and released in BizInt Smart Charts for Patents Version 5 in July 2018 and refined in subsequent releases.

Version 5 includes three new displays (see below for more details):

- Hit Structure Display in Summary Records
- Index of Hit Structures in Summary Records
- Hit Index Terms

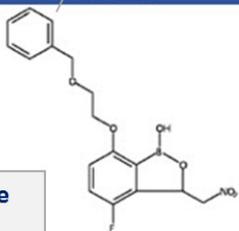
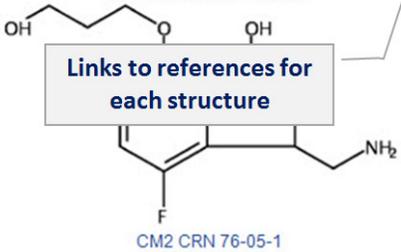
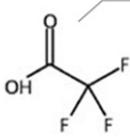
These hit structure displays were developed in conjunction with customers at GSK – see bizint.com/ slides for “Exemplified Compounds Table linked to Citing Publications”, a paper presented at PIUG 2018.

Using the Reference Rows utility, you can augment hit structures reports with legal status, claims, and other bibliographic data from additional sources.

Index of Hit Structures

You can create a structure-oriented Index of Hit Structures in the Summary Record export to Word.

The Index of Hit Structures includes all of the structures in the chart, together with links to the CAplus records in which they were found.

Index of Hit Structures		Structures with annotations
Substance	Structure	Reference
1 1655492-02-6 2,1-Benzoxaborole, 4-fluoro-1,3-dihydro-1-hydroxy-3-(nitromethyl)-7-[2-(phenylmethoxy)ethoxy]-		prepn. and anti-mycobacterial activity of benzoxaborole compds. Reference 1 prepn. and biol. applications of tricyclic benzoxaborole compds. Reference 2
2 1364682-96-1 1-Propanol, 3-[[3-(aminomethyl)-4-fluoro-1,3-dihydro-1-hydroxy-2,1-benzoxaborol-7-yl]oxy]-, 2,2,2-trifluoroacetate (1:2)	CM1 CRN 1364682-95-0  CM2 CRN 76-05-1 	prepn. of benzoxaborole derivs. useful for treating bacterial infections Reference 3

CAplus transcripts from classic STN, New STN and STNnext are supported.

Classic STN: Using STN Express, display HITSTR, save transcript as RTF. If transcript opens in Word DO NOT SAVE!

STNnext: Display HITSTR. Turn off enhanced display. Save as RTF.

We strongly recommend that you start a new transcript before your final display command.

Also, we recommend that you use BIB (not IBIB) as your display format.

New STN: Use the BizInt export – must include both REGISTRY and CAplus records in export.

For more information:

You can find additional details on hit structure support at:

www.bizint.com/hitstr

Hit Structures in Summary Records

The hit structures for each record can be displayed in the Summary Records export for Word.

See *Classic STN example created from an RTF transcript from STN Express* below.

3. Basic Patent Number: WO2012033858A2		
Title: Boron-containing small molecules		
Inventor(s): Hernandez, Vincent S.; Ding, Charles; Plattner, Jacob J.; Alley, Michael Richard Kevin; Rock, Fernando; Zhang, Suoming; Easom, Eric; Li, Xianfeng; Zhou, Ding		
Patent Assignee: Anacor Pharmaceuticals, Inc., USA		
Hyperlinks: Source WO2012033858A2		
Hit Structures:		
1364682-96-1 (Cmpd. 2) 1-Propanol, 3-[[3-(aminomethyl)-4-fluoro-1,3-dihydro-1-hydroxy-2,1-benzoxaborol-7-yl]oxy]-, 2,2,2-trifluoroacetate (1:2) (CA INDEX NAME)	CM 1 CRN 1364682-95-0 CM 2 CRN 76-05-1 ● HCl	RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) preparation of benzoxaborole derivs. useful for treating bacterial infections
1364683-03-3 (Cmpd. 3) 1-Propanol, 3-[[3-(aminomethyl)-4-chloro-1,3-dihydro-1-hydroxy-2,1-benzoxaborol-7-yl]oxy]-, hydrochloride (1:1) (CA INDEX NAME)	● HCl	RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) preparation of benzoxaborole derivs. useful for treating bacterial infections

Summary Record Export Options

The Summary Record export shows the columns (fields) visible in your chart.

- Number the records
- Start each record on new page
- Include Links section
- Include editable Notes section
- Include Index of Hit Structures

You may also include the following information for the record:

- Include Claims
- Include Alignment
- Include Hit Structures
- Include Index Terms

OK Cancel Help

To create these displays, go to **File | Export**, and select **Word - summary records**.

On the Summary Record Export Options panel (above), check the Include Hit Structures check box. In the example above, the Links section and the Index of Hit Structures have also been selected.

The exported Word file will contain a display like the one at left, showing all the hit structures for each record. If the Index of Hit Structures is included, a link to the structure will be included (e.g. "Cmpd. 2" in the example at left.)

There is no limit on the number of hit structures that can be displayed for each record, but very large files could lead to performance problems in Word.

Hit Index Terms

Version 5 includes enhancements to the presentation of Index Terms from CAplus. These new features will be created any time a transcript containing HITSTR display format is imported. In the chart, we now provide a subtable with REGISTRY numbers, roles, and notes. In the record display, Index Terms now appear as one coherent paragraph.

For the first time, we display hit index terms from New STN. On New STN, these displays will be generated automatically from CAplus records if there are hit REGISTRY numbers within the results.

For more information:

You can find additional details on hit structure support at:

www.bizint.com/hitstr