

## August 2004: New chemical structure display format in *Derwent World Patents Index on STN*

The new display format HITSTR in *DWPI* (files WPINDEX/WPIDS/WPIX) means searchers can display chemical structures from the *Chemistry Resource* file segment together with WPINDEX/WPIDS/WPIX records, where the bibliographic documents have been retrieved by an earlier structure search. This makes it easy to review substance information alongside the bibliographic documents

Where available the following *Chemistry Resource* text fields are also displayed with the chemical structure:

DCSE	Derwent Chemical Resource Number, DCR Segment
CN.P	Chemical Name Preferred
CN.S	Systematic Chemical Name
SDCN	Structure Segment Derwent Compound Number
SDRN	Structure Segment Derwent Registry Number

There is no additional display/print charge for using HITSTR.

For example a simple substructure search for quinoline containing compounds:

```
=> FILE WPINDEX
COST IN POUNDS STERLING          SINCE FILE          TOTAL
                                  ENTRY          SESSION
FULL ESTIMATED COST              0.22              0.22
```

```
FILE 'WPINDEX' ENTERED AT 10:25:15 ON 20 AUG 2004
COPYRIGHT (C) 2004 THOMSON DERWENT
```

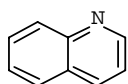
```
FILE LAST UPDATED:          18 AUG 2004          <20040818/UP>
MOST RECENT DERWENT UPDATE: 200453          <200453/DW>
DERWENT WORLD PATENTS INDEX, COVERS 1963 TO DATE
```

```
=>
Uploading U:\Temp\quinoline.str
```

```
L1          STRUCTURE UPLOADED
```

```
=> d
L1 HAS NO ANSWERS
L1          STR
```

The quinoline structure prepared offline is uploaded into STN Express using the "Upload Structure" query option



Structure attributes must be viewed using STN Express query preparation.

```
=> S L1 FULL
FULL SEARCH INITIATED 10:56:53 FILE 'WPINDEX'
FULL SCREEN SEARCH COMPLETED - 19652 TO ITERATE
```

```
52.9% PROCESSED    10395 ITERATIONS          8735 ANSWERS

100.0% PROCESSED   19652 ITERATIONS          16467 ANSWERS
SEARCH TIME: 00.00.32
```

```
L2          16467 SEA SSS FUL L1
```

The quinoline structure is searched in the *Chemistry Resource* file segment of *DWPI*

=> S 12/DCR  
L3 5899 L2/DCR

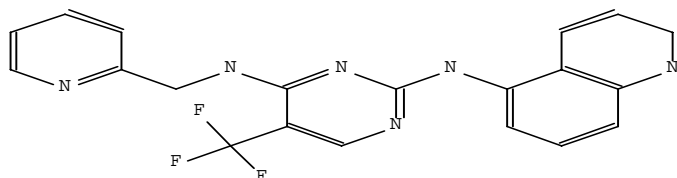
The corresponding DWPI  
bibliographic records are retrieved

=> D 1-2 BIB HITSTR

BIB HITSTR is used to display the bibliographic  
record with the corresponding structure

L3 ANSWER 1 OF 30 WPINDEX COPYRIGHT 2004 THOMSON DERWENT on STN  
AN 2004-517647 [49] WPINDEX [Full-text](#)  
CR 2004-525402 [50]  
DNC C2004-191106  
TI New pyrimidine derivatives are focal adhesion kinase protein tyrosine  
kinase inhibitors used for treating cancers e.g. lung cancer, bone cancer  
and pancreatic cancer.  
DC B02 B03  
IN KATH, J C; LUZZIO, M J  
PA (PFIZ) PFIZER PROD INC  
CYC 107  
PI WO--2004056786 A2 20040708 (200449)\* EN 148  
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 NL OA 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 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  
ADT WO--2004056786 A2 2003WO-IB06055 20031217  
PRAI 2002US-435670P 20021220  
DCSE 929381-0-0-0  
CN.S N4-Pyridin-2-ylmethyl-N2-quinolin-5-yl-5-trifluoromethyl-pyrimidine-2,4-  
diamine  
SDCN RAETVZ

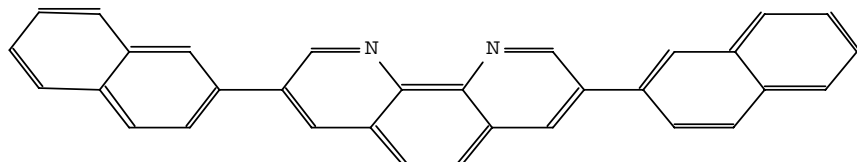
DWPI bibliographic record (BIB)



Chemistry Resource structure record (HITSTR)

L3 ANSWER 12 OF 30 WPINDEX COPYRIGHT 2004 THOMSON DERWENT on STN  
AN 2004-484269 [46] WPINDEX [Full-text](#)  
DNN N2004-382028 DNC C2004-180394  
TI New phenanthroline derivative such as 3,8-dianthracenyl phenanthroline or  
3,8-dinaphthalenyl phenanthroline useful as electron transport material  
for organic electroluminescent device.  
DC E13 E23 L03 U11 U14 X26  
PA (CHEM-N) CHEMIPRO KASEI KK  
CYC 1  
PI JP--2004175691 A 20040624 (200446)\* 46  
ADT JP--2004175691 A 2002JP-0341267 20021125  
PRAI 2002JP-0341267 20021125  
DCSE 919765-0-0-0  
CN.S 3,8-Di-naphthalen-2-yl-[1,10]phenanthroline  
SDCN RAEMRF

DWPI bibliographic record (BIB)



Chemistry Resource structure record (HITSTR)