

## Current-awareness alerts (SMARTracker) in CAS REGISTRY<sup>SM</sup> and CAplus<sup>SM</sup>

SMARTracker is a powerful and convenient crossfile current-awareness option to let you monitor the latest CAplus references to a REGISTRY substance or a class of substances. SMARTracker provides automatic current-awareness chemical structure access to CAplus bibliographic records.

For example, with SMARTracker, you can:

- Monitor new patents on the therapeutic uses of substances with a common structure
- Monitor new literature on biosynthetic preparation of proteins containing a specified sequence of amino acids

SMARTracker automatically searches REGISTRY to find substances that match your substance query. It then automatically searches for new bibliographic references to new or previously found REGISTRY substances. You may choose the frequency of the search - either weekly or biweekly.

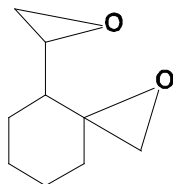
### Most frequently used update qualifiers for SMARTracker

Update code	Name	Results
UP	Update Date (default option)	Retrieves records when they are added or modified, up to their publication in CA and addition of Document Number (DN)
UPIT	Update Date, Addition of Registered Substance	Retrieves records meeting the qualifications for UP as well as records updated when new CAS Registry Number <sup>®</sup> identifiers are added after publication of the record in CA
UPM	Update Code, Maximum	Retrieves records meeting the qualifications for UPIT as well as patent records updated with new or significantly modified patent family member information

Enter HELP UPDATE in CAplus for a complete list of update qualifiers available in the database.

## Setting up a new SMARTracker alert

Monitor new references on the preparation of ovalicin derivatives with the following substructure:



- 1 Enter REGISTRY. Upload or create a structure query (L1).
- 2 Conduct a full (or sample) substructure search.
- 3 Enter CAplus.
- 4 Search the REGISTRY answer set (L2) in CAplus combined with any bibliographic, indexing, or subject terms.
- 5 Enter the databases for SMARTracker.
- 6 Enter SMART to create a current-awareness alert.
- 7 Enter the query L-number (L3).
- 8 Answer the remaining prompts.

```

=> FILE REGISTRY
L1      STRUCTURE UPLOADED

=> S L1 SSS FULL
L2      756 SEA SSS FUL L1

=> FILE HCAPLUS

=> S L2/PREP
L3      169 L2/PREP

=> FILE REGISTRY CAPLUS

=> SMART
SMARTracker INITIATED

ENTER QUERY L# FOR SDI REQUEST OR (END):L3
ENTER UPDATE FIELD CODE (UP), UPM, UPIT, UPI, ED, UPP,
  UPOG, OR ?:UPM
ENTER SDI REQUEST NAME, (AA240/S), OR END:.
ENTER COST CENTER (NONE) OR NONE:.
ENTER TYPE OF SEARCH (SSS), CSS, FAMILY, OR EXACT:SSS
ENTER TITLE (NONE):OVALICINS
ENTER METHOD OF DELIVERY (OFFLINE), ONLINE, OR
  EMAIL:ONLINE
ELIMINATE PREVIOUSLY SEEN ANSWERS WITH EACH SDI RUN?
  Y/(N):N
HIGHLIGHT HIT TERMS? (Y)/N:N
ENTER SDI RUN FREQUENCY - (WEEKLY), BIWEEKLY, OR
  ?:WEEKLY
ENTER SDI EXPIRATION DATE 'YYYYMMDD' OR (NONE):.
QUERY L3 HAS BEEN SAVED AS SDI REQUEST 'AA240/S'

```

## Modifying options for an existing SMARTracker alert

Change the update qualifier and duplicate elimination for maximum retrieval.

1 Enter the databases in which the SMARTracker was created.

2 Enter SMART EDIT.

Line numbers are assigned to each parameter of the SMARTracker.

3 Enter the line numbers for the parameters to be changed.

4 Save the changes.

```
=> FILE HCAPLUS REGISTRY
=> SMART EDIT
SMARTracker INITIATED

ENTER SDI NAME TO BE EDITED OR (END):PYRAZINES/S
PARAMETER                SETTING
-----
SDI Name and Creation Date PYRAZINES/S  19 SEP 2007
SDI REQUEST FOR HCAPLUS
FROM REGISTRY
1 Title                   PREP OF PYRAZINES
2 Cost Center             NONE
3 Update Qualifier       UP
      .
      .
      .
14 Duplicate Elimination  YES
15 Display Query with Results YES
16 Display Patent Currency NO
17 SDI Run Frequency     WEEKLY
18 SDI Expiration Date   NOT SPECIFIED
-----
L3  QUE  ABB=ON  PLU=ON  PYRAZ? AND METHYL AND
AMIN? AND P/DT.CA
L4  QUE  ABB=ON  PLU=ON  L3/PREP
ENTER LINE NUMBER(S) FOR CHANGE, END, OR (?):3,14
ENTER UPDATE FIELD CODE (UP), UPM, UPIT, UPI, ED, UPP
OR ? :UPM
PARAMETER                SETTING
-----
SDI Name and Creation Date PYRAZINES/S  19 SEP 2007
SDI REQUEST FOR HCAPLUS
FROM REGISTRY
1 Title                   PREP OF PYRAZINES
2 Cost Center             NONE
3 Update Qualifier       UPM
      .
      .
      .
14 Duplicate Elimination  NO
15 Display Query with Results YES
16 Display Patent Currency NO
17 SDI Run Frequency     WEEKLY
18 SDI Expiration Date   NOT SPECIFIED
-----
L3  QUE  ABB=ON  PLU=ON  PYRAZ? AND METHYL AND
AMIN? AND P/DT.CA
L4  QUE  ABB=ON  PLU=ON  L3/PREP
ENTER LINE NUMBER(S) FOR CHANGE, END, OR (?):END
SAVE THE CHANGES? (Y)/N:Y
SDI REQUEST 'PYRAZINES/S' HAS BEEN EDITED
```

## Replacing the search profile for an existing SMARTracker alert

1 Enter the databases in which the alert was set up.

2 Display your alert in FULL to view the search profile.

3 Conduct new searches in REGISTRY and CAplus.

4 Enter the databases for the SMARTracker.

5 Enter SMART, the query L-number, and the name for the SMARTracker to be modified.

6 Save the changes by replacing the SMARTracker definition.

```

=> FILE REGISTRY CAPLUS
=> D METALLOCENE/S FULL
NAME                CREATED          NOTES/TITLE
-----
METALLOCENE/S      19 SEP 2008    SDI REQUEST FOR CAPLUS
                  FROM REGISTRY
COST CENTER                NONE
UPDATE QUALIFIER          UPIT

                  .
                  .
L1                QUE  ABB=ON  PLU=ON  ZIRCONOCENE OR
                  COBALTOCENE
L2                QUE  ABB=ON  PLU=ON  L1 AND PATENT/DT

=> FILE REGISTRY
=> S COBALTOCENE
L3                465 COBALTOCENE

=> FILE CAPLUS
=> S L3 AND PATENT/DT
L4                203 L3 AND PATENT/DT

=> FILE REGISTRY CAPLUS
=> SMART
    SMARTracker INITIATED

ENTER QUERY L# FOR SDI REQUEST OR (END):L4
ENTER UPDATE FIELD CODE (UP), UPM, UPIT, UPI, ED, UPP
OR ? :UPIT
ENTER SDI REQUEST NAME, (AA247/S), OR END:METALLOCENE/S
'METALLOCENE/S' IN USE
REPLACE SDI DEFINITION? Y/(N):Y
                  .
                  .
QUERY L4 HAS BEEN SAVED AS SDI REQUEST 'METALLOCENE/S'

```

## For more information

Enter HELP SDI at an arrow prompt.



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