

**CLAIMS<sup>®</sup>/Compound Registry****FILE DESCRIPTION**

The **CLAIMS<sup>®</sup>/Compound Registry** database is a dictionary of specific chemical compounds produced by IFI Patent Intelligence. Each record contains the IFI compound term number, main compound name, synonyms, molecular formula, and fragment codes and terms. The file includes all specific compounds which have been referenced in the CLAIMS databases five or more times since 1950.

The file is intended for use in locating compounds of interest to be searched in the CLAIMS<sup>®</sup>/UNITERM and CLAIMS<sup>®</sup>/ COMPREHENSIVE databases (Files 341,942) It can also be used for identifying compounds or fragments found during searches of Files 341 and 942.

The printed equivalents of the CLAIMS/Compound Registry database are the *Compound Term List Name/Number Order for the IFI Chemical Patent Databases* and the *Compound Term List Molecular Formula Order for the IFI Chemical Patent Databases*.

**SUBJECT COVERAGE**

Chemical compounds cited at least 5 times in U.S. patents since 1950 are included.

**SOURCES**

**CLAIMS<sup>TM</sup> /Compound Registry** is derived from a computer-readable database and is the product of the comprehensive indexing of the compounds by means of the IFI Fragmentation System.

**TIPS****Use MF=**

to search molecular formulas in Hill order

S MF=C6HBR5

**Use the MAP command**

to export compound or fragment numbers to file 942

MAP CN T

**Search UNITERM numbers**

use UN= to search fragment and compound term equivalents

or use MAP UN to import or export search terms to file 341

**DIALOG FILE DATA**

Inclusive Dates: Current

Update Frequency: Quarterly (reload)

File Size: 21,387 records as of July 2006

**CONTACT**

CLAIMS/COMPOUND REGISTRY is produced by the IFI Patent Intelligence (TM). Questions concerning content should be directed to:

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## SAMPLE RECORD

DIALOG(R) File 242:CLAIMS(R)/Compound Registry  
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0097083

FC=, FT=, /FT

Fragment Numbers & Terms: 30003 \* ACYCLIC (P); 30004 ACYCLIC (M); 30005 ALPHA, BETA CONFIGURATION (M); 30042 CARBON, 9-26 (M); 30286 F CARBOXYLIC ACID, ESTER, HALIDE, ANHYDRID; 30294 F CHO2 CARBOXYLIC ACID FG, O=C-OH (M); 30295 F CHO2 CARBOXYLIC ACID FG, O=C-OH (P-1); 30970 F CO2 CARBOXYLIC ESTER FG, O=C-O (M); 30971 F CO2 CARBOXYLIC ESTER FG, O=C-O (P-1); 31080 F C2 DOUBLE BOND FG, C=C (M); 31081 F C2 DOUBLE BOND FG, C=C (P-1); 34198 FG ON ALIPHATIC CARBON (M); 34200 FG ON CH (M); 34201 FG ON CH2 (M); 37754 TWO CARBON ATOMS BETWEEN FG'S (M); 40023 \* F CHO2 CARBOXYLIC ACID FG, O=C-OH; 40128 \* F CO2 CARBOXYLIC ESTER FG, O=C-O; 40144 \* F C2 DOUBLE BOND FG, C=C

CN=

Compound Numbers: 97083

CT=, /CT, /DE

Compound Name: MALEIC ACID, MONOISOCTYL ESTER

MF=, EC=, /EC

Molecular Formula: C12H20O4

SY= /ID

Synonyms: FUMARIC ACID, MONOISOCTYL ESTER; MONOISOCTYL FUMARATE; MONOISOCTYL MALEATE

## SEARCH OPTIONS

## BASIC INDEX

SEARCH SUFFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	—	All Basic Index Fields <sup>1</sup>	Segment & Word	S CONFIGURATION
/CT	CT	Compound Term <sup>1</sup>	Segment & Word	S OCTYL/DE
/DE	DE	Descriptor (Compound and Fragment Terms) <sup>1</sup>	Segment & Word	S MALEIC(W)ACID/DE
/EC	EC	Element Count	Word	S ESTER/DE
/FT	FT	Fragment Term <sup>1</sup>	Segment & Word	S MALEIC(W)ACID/DE
/ID	ID	Identifier (Synonym) <sup>1</sup>	Segment & Word	S C12/EC
				S HALIDE/FT
				S DOUBLE(W)BOND/FT
				S FUMARATE/ID
				S OCTYL(W)FUMARATE/ID
				S ISO(T)OCTYL/ID

<sup>1</sup> All chemical names are indexed as complete individual words and chemically significant segments of words. Words such as GLUCOPYRANOSYL can be retrieved by either segment, e.g., S GLUCO or S PYRANOSYL. Any term in the Basic Index can be limited to a full term using /FW, e.g., S PYRANOSYL/FW; S ETHYLENE/DE,FW; S IMIDAZOLE/TI,FW. Locants, i.e., numbers indicating the position of a chemical group within the structure, are searched as words, e.g., S 2(w)3.

## ADDITIONAL INDEXES

SEARCH PREFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
CN=	CN	Compound Number <sup>2</sup>	Phrase	S CN=97083
CT=	CT	Compound Term	Phrase	S CT=MALEIC ACID?
EC=	EC	Element Count	Phrase	S EC=C0004:C0006
FC=	FC	Fragment Code (Number) <sup>2</sup>	Phrase	S FC=30970
FT=	FT	Fragment Term	Phrase	S FT=CARBON, 9-26?
MF=	MF	Molecular Formula	Phrase	S MF=C12H20O4
SY=	SY	Synonym <sup>1</sup>	Phrase	S SY=MONOISOCTYL FUMAR?
UD=	—	Update	Phrase	S UD=?
UN=	UN	UNITERM Number <sup>3</sup>	Phrase	S UN=30003

<sup>2</sup> Fragment Codes and Compound Numbers can be searched in CLAIMS/Comprehensive, File 942, only.

<sup>3</sup> Contains Fragment Codes and Compound Numbers that correspond to Uniterm Numbers in CLAIMS/UNITERMS, File 341.

**SPECIAL FEATURES**

For command descriptions, enter HELP LIMIT, HELP RANK, HELP MAP online.

<b>RANK</b>	All phrase- and numeric-indexed fields in the Additional Indexes can be ranked. Other RANK codes include: CN, CT, DE, EC, FC, FT, MF, SY, UN	RANK DE S3
<b>MAP</b>	CN, FC, SY, UN	MAP CN TEMP S2

**PREDEFINED FORMAT OPTIONS**

NO.	DIALOGWEB FORMAT	RECORD CONTENT
1	--	DIALOG Accession Number
2	Medium	Compound Number, Compound Term, Molecular Formula, and Synonyms (if available)
4	--	Full Record with Tagged Fields
5	Long	Full Record
6	--	Compound Number, Compound Term, and Molecular Formula
8	Short	Compound Number, Compound Term, Molecular Formula, and Synonyms (if available)
9	Full	Full Record
K	--	KWIC (Key Word In Context) displays a window of text; may be used alone or with other formats

**OTHER OUTPUT OPTIONS**

For an explanation, enter HELP TYPE, HELP UDF, HELP TAG online.

<b>USER DEFINED FORMATS</b>	Display codes listed in the Search Options tables can be used to customize output	TYPE S4/FC,FT/1-5 PRINT S5/9/ALL
<b>TAG</b>	Output can be displayed with tags identifying each display field	TYPE S4/6,/ALL TAG
<b>DIRECT RECORD ACCESS</b>	If the accession number of a specific record is known, it can be used to display the record directly.	T 62331/9

**FOR ONLINE HELP:**

See HELP FIELDS 242 for searchable fields; HELP FORMAT 242 for output formats; HELP LIMIT 242 for limits; HELP RATES 242 for cost information; HELP SORT 242 for sorts.