

## IMS Patent Focus

### FILE DESCRIPTION

**IMS Patent Focus** details the evaluated product (or equivalent process) patent position for more than 3,000 commercially significant pharmaceutical compounds, both marketed or in Phase III (or above) clinical trials. File 447 provides the estimated patent expiry dates and the possibility of extension.

File 447 is publicly available; File 947 is available only to subscribers of the electronic or equivalent product from IMS.

Chemical Structure Searching (CSS) is available in this file using DialogLink™ 5 and a chemical structure drawing package. For additional information about CSS, please see <http://www.dialog.com/products/dialoglink/css.shtml>.

### SUBJECT COVERAGE

The extensive worldwide coverage of IMS Patent Focus details drug names (brand names), therapeutic class codes, and CAS® Registry Numbers by record, all linked to patent data, including:

- estimated expiration date
- priority details
- originator
- originating country, and
- specific country comments.

Extensions are covered including Supplementary Protection Certificate (SPC) status, Japanese, and USA extensions.

### SOURCES

IMS Patent Focus is compiled using IMS Health International databases, in addition to original patent specifications, patent office journals, and additional secondary sources of patent and chemical information.

### TIPS

#### USE FILE 447

to search for patent information on marketed or Phase III (or above) drugs.

#### USE /NA OR NA=

to search for a specific drug name or laboratory code:  
SELECT FOSINOPRIL/NA

#### USE /TN OR TN=

to search for Brand Names:  
SELECT DYNACIL/TN

#### USE IN=

to search for clinical indications:  
S IN=HYPERTENSION

#### USE DialogLink™ 5 and File 447

to graphically search and display the chemical structures in this file.

### DIALOG FILE DATA

Inclusive Dates:

Current (with patent dates back to 1950)

Update Frequency: Monthly

File Size:

More than 183,000 records as of September 2010  
(File 447)

More than 146,000 records as of July 2006 (File 947)

### CONTACT

IMS Patent Focus is provided by IMS Health. Questions concerning file content should be directed to:

IMS Health  
Customer Services Dept., Global Services  
7 Harewood Avenue  
London NW1 6JB  
United Kingdom  
Phone: +44 0207-393-5888  
Fax: +44 0207-393-5346  
E-Mail: [service@imshealth.com](mailto:service@imshealth.com)

**Files 447,947  
SAMPLE RECORD**

**IMS Patent Focus**

DIALOG(R)File 447:IMS Patent Focus  
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00002468

**/NA,NA=  
JN=,RD=**

Drug Name: fosinopril; fosinopril sodium; fosenopril  
Patents International - December 28 1996 (19961228)

**DRUG INFORMATION:**

**RN=**

CAS Registry Number: 98048-97-6, fosinopril  
128947-97-7, replaced  
97825-24-6, replaced  
88889-14-9, sodium salt  
134845-41-3, sodium salt, mixt with hydrochlorothiazide  
134845-40-2, sodium salt, mixt with chlorthalidone  
120899-44-7, mixt with diltiazem  
125670-51-1, mixt with carbamazepine  
134227-03-5, mixt with ketanserin  
125863-73-2, mixt cont

**/TN,TN=,NA,NA=**

Brand Name: MONOPRIL; DYNACIL; FUSINORM; FOSITENS; TENSO  
STOP; FOSITEN; STARIL; FOZITEC

**CD=,NA,NA=  
TC=  
IN=**

Laboratory Code: SQ 28555; SQ 27519 prodrug  
Therapeutic Class Code: C9A (ACE Inhibitors, Plain)  
Clinical Indications: hypertension

**PATENT INFORMATION:**

**PA=  
IP=  
DT=**

Patentee: Thomae (Germany)  
Parent Company: Boehringer Ingelheim (Germany)  
Patent Type: Product

**PC=,PN,PY=,PD=,ED=**

Patent Country	Patent Number	Patent Date	Expiration Date
EP (UK EP)	EP 53902	19850403	20011127
Priority Country	Priority Number	Priority Date	
US (USA)	US 212911	19801204	

**AC=,AN=,AD=**

**/TX**

**PATENT SUMMARY:**

Squibb has two drugs originating from the priority quoted here, fosinopril and the active metabolite fosinoprilat. The patents quoted here cover both drugs except for the USA where there are separate patents for each drug. Within this patent family fosinopril is only covered generically whereas fosinoprilat is claimed specifically.

**EXPIRATION COMMENTS:**

SPC Granted; SPC Granted

**COUNTRY COMMENTS:**

A supplementary protection certificate (SPC) has been granted for fosinopril in the UK citing European patent 53902. The SPC comes into force when the cited European patent expires in November 2001 and expires on 2 July 2005. A supplementary protection certificate (SPC) has been granted in the UK citing European patent 53902 and claiming fosinopril/hydrochlorothiazide. The SPC expires on 26 November 2006 and comes into force on expiry of the cited European patent.

## SEARCH OPTIONS

## BASIC INDEX

SEARCH SUFFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	—	All Basic Index Fields	Word	S DYNACIL
/NA	NA	Drug Name, Brand Name, and Laboratory Code <sup>1</sup>	Word & Phrase	S FOSINOPRIL(W)ACID/NA S FOSINOPRILIC ACID/NA
/TN	TN	Brand Name <sup>1</sup>	Word & Phrase	S DYNACIL/TN S VISDERM H/TN
/TX	CU	Country Comments <sup>2</sup>	Word	S EUROPEAN/TX
/TX	EC	Expiration Comments <sup>2</sup>	Word	S SPC(S)GRANTED/TX
/TX	PS	Patent Summary <sup>2</sup>	Word	S GENERIC?/TX

<sup>1</sup> Searchable in the Basic and Additional Indexes.

<sup>2</sup> Also displays with TX display code.

## ADDITIONAL INDEXES

SEARCH PREFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	AA	DIALOG Accession Number		
AC=	AC	Application Country	Phrase	S AC=US S AC=USA
AC=	PR	Priority Application Country <sup>3</sup>	Phrase	S AC=US/PR S AC=USA/PR
AD=	AD	Application Date	Phrase	S AD=801204
AD=	PR	Priority Application Date <sup>3</sup>	Phrase	S AD=801204/PR
AN=	AN	Application Number	Phrase	S AN=US 212911
AN=	PR	Priority Application Number <sup>3</sup>	Phrase	S AN=US 212911/PR
CD=	CD	Laboratory Code	Phrase	S CD=SQ 28555
DT=	DT	Patent Type	Phrase	S DT=PRODUCT
ED=	ED	Expiration Date <sup>4</sup>	Phrase	S ED=20011127
—	GS	Graphical Structure <sup>5</sup>		
IN=	IN	Clinical Indications	Phrase	S IN=ANTIHYPERTENSIVE
IP=	IP	Parent Company of Patent Assignee	Phrase	S IP=BOEHRINGER INGELHEIM
JN=	JN	Journal Name <sup>6</sup>	Phrase	S JN=PATENTS INTERNATIONAL
MC=	—	Molecular Code <sup>7</sup>	Phrase	S MC=0292320000
NA=	NA	Drug Name, Brand Name, and Laboratory Code <sup>1</sup>	Phrase	S NA=FOSENOPRIL
PA=	PA	Patent Assignee	Word & Phrase	S PA=SQUIBB S PA=STERLING DRUG
PC=	PC	Patent Country	Phrase	S PC=EP
PD=	PD	Application Publication Date or Patent Date	Phrase	S PD=850403
PN=	PN	Patent Number	Phrase	S PN=EP 53902
PY=	PY	Application Publication Year or Patent Year	Phrase	S PY=1985
RD=	RD	Revision Date	Phrase	S RD=931128
RN=	RN	CAS(R) Registry Number	Phrase	S RN=98048-97-6
RT=	RT	Record Type	Phrase	S RT=STRUCTURE
SP=	SP	SPC Expiration Date	Phrase	S SP=20100810
TC=	TC	Therapeutic Class Code	Phrase	S TC=C9
TN=	TN	Brand Name <sup>1</sup>	Phrase	S TN=FUSINORM
UD=	—	Update	Phrase	S UD=9999

<sup>3</sup> The /PR suffix can be used to restrict retrieval to priority application data, as shown in the SELECT examples.

<sup>4</sup> Expiration Dates are indexed in the format: YYYYMMDD, e.g., 20050112.

<sup>5</sup> The graphic structure can be searched using DialogLink5 and a chemical drawing package as described in <http://www.dialog.com/products/dialoglink/css.shtml> and displayed using the GS display code. The GS display code can be combined with any user-defined format or any pre-defined format, except Format 1.

<sup>6</sup> All records are indexed to JN=PATENTS INTERNATIONAL.

<sup>7</sup> MC represents a molecular code for each drug entry in all IMSworld databases.

**Files 447,947**  
**SPECIAL FEATURES**

**IMS Patent Focus**

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

<b>LIMIT</b>	/YYYY -- Publication Year	S S2/2005
<b>SORT</b>	ED, IP, NA, PA, PC, PD, PN, PY, RD	SORT S13/ALL/NA PRINT S4/5/1-25/PY,D
<b>RANK</b>	All phrase- and numeric-indexed fields in the Additional Indexes can be ranked.	RANK PA RANK TN S4
<b>MAP</b>	AN, ANPR, MC, NA, PN, RN	MAP PN TEMP S1
<b>IDPAT</b>	Identify patent duplicates and display all or selected patent groups.	IDPAT IDPAT S1 SHORT

**PREDEFINED FORMAT OPTIONS**

NO.	DIALOGWEB FORMAT	RECORD CONTENT
1	--	DIALOG Accession Number
2	Long	Full Record except Patent Summary, Expiration Comments, Country Comments, and graphic structure
3	Medium	Drug Name, Journal Name, Revision Date, and Patent Information
4	--	Drug Name, Journal Name, Revision Date, Patent Type, Patent Data, Application Data, Expiration Comments, and Country Comments
5	--	Full Record except graphic structure
6	Short	DIALOG Accession Number, Drug Name, and Therapeutic Class Code
7	--	Full Record except graphic structure
8	Free	DIALOG Accession Number, Drug Name, and Therapeutic Class Code
9	--	Full Record except graphic structure
19	Full	Full Record with graphic structure
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 REPORT, HELP UDF, HELP TAG online.

<b>REPORT</b>	Output can be displayed in table format. REPORT codes with field lengths in parentheses are listed in the Search Options tables. Default table width is 72 characters; use SET H 132 to set maximum table width.	REPORT S1/NA,PN,PD/ALL
<b>USER DEFINED FORMATS</b>	Display codes listed in the Search Options tables can be used to customize output.	TYPE S3/NA,PY/1-5
<b>TAG</b>	Output can be displayed with tags identifying each display field.	TYPE S2/3/1-5 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.	TYPE 116073/4 DISPLAY 144251/PA,NA PRINT 168145/9

**FOR ONLINE HELP:**

See HELP FIELDS 447 for searchable fields; HELP FORMAT 447 for output formats; HELP LIMIT 447 for limits; HELP RATES 447 for cost information; HELP SORT 447 for sorts.