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STN Database Summary Sheet

IPA (International Pharmaceutical Abstracts) from Thomson Scientific is a bibliographic file containing international coverage of pharmacy and health-related literature in information, the practice of pharmacy, pharmaceutical education, and the legal aspects of pharmacy and drugs.

In addition to the bibliographic summaries, records contain indexing terms, controlled terms, corporate names, chemical names, abstracts and CAS Registry Numbers®.

An online thesaurus is also available in the controlled term (/CT) field to help locate controlled vocabulary index terms.

Subject Coverage

A broad spectrum of topics related to pharmaceuticals and the pharmaceutical industry, ranging from pharmaceutical chemistry and technology, to legislation and regulations, to the sociology, economics and ethics of drugs. Specifically, the topics include:

- | | | |
|-----------------------------------------|-----------------------------------|--------------------------------------------------|
| – Adverse Drug Reactions and Toxicity | – Information Processing | – Pharmacology and
Pharmaceutical Chemistry |
| – Biopharmaceutics and Pharmaceutics | – Institutional Pharmacy Practice | – Pharmacy Practice |
| – Cosmetics | – Investigational Drugs | – Preliminary Drug Analysis and
Testing |
| – Drug Evaluations and Interactions | – Legislation and Regulations | – Related Health Topics |
| – Drug Metabolism and Body Distribution | – Microbiology | – Sociology and Economics and
Ethics of Drugs |
| – Drug Stability | – Pharmacognosy | |
| – Environmental Toxicity | – Pharmaceutical Education | |
| – History | – Pharmaceutical Technology | |

Sources

International Pharmaceutical Abstracts covering approximately 750 journals worldwide and all U.S. state pharmacy journals. Abstracts include information from:

- | | | |
|--------------|--------------------|-----------------|
| – Abstracts | – Journal articles | – Presentations |
| – Bulletins | – Meetings | – Reviews |
| – Editorials | – Notes | – Translations |

File Data

- | | |
|------------------------------------|---------------------------------------------------------------------------------------------------------------|
| – 1970 to the present | – The thesaurus is updated every two years with approximately
6,500 entries |
| – More than 462,645 records (7/08) | – Automatic current-awareness searches (SDIs) may be run
twice a month or monthly (monthly is the default) |
| – Updated twice a month or monthly | |

User Aids

- | | |
|----------------------------------------------------------------------|------------|
| – Online Helps (HELP DIRECTORY lists all help
messages available) | – STNGUIDE |
|----------------------------------------------------------------------|------------|

Database Producer

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International Chemical Information)
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customer@jaici.or.jp (Customer Service)
Internet: www.jaici.or.jp

IPA

Search and Display Field Codes

There are no fields that allow left truncation in this file.

Search Field Name	Search Code	Search Examples	Display Codes
Basic Index (contains single words from the title (TI), controlled term (CT), abstract (AB), index term (IT), and chemical name (CN) fields, as well as CAS Registry Numbers (RN))	None (or /BI)	S 302-79-4 S PREGNAN? (P) TRETINOIN S RETIN-A/BI	AB, CN, CT, IT, RN
Accession Number	/AN	S 92:419/AN S 1998:1234/AN	AN
Author	/AU	S CAMERA, M?/AU	AU
Chemical Name (includes names from the CN and RN fields)	/CN	S RETIN-A/CN	CN, RN
Classification Code (1) (code and text)	/CC	S TOPICAL PREPARATIONS/CC S TOPICAL/CC S "CATHARTICS AND LAXATIVES"/CC S 28/CC S 28:08/CC S 28:08.04/CC	CC
Controlled Term (2)	/CT	S CARDIAC DRUG#/CT S A-16686+ALL/CT	CT, IT
Controlled Word	/CW	S L2 AND DOMIODOL/CW	CT, IT
Corporate Source (1)	/CS	S DIV OF CARDIOL?/CS	CS
Document Number	/DN	S 29-05774/DN	DN
Document Type (code and text)	/DT	S L4 AND CONFERENCE/DT	DT
Entry Date (3)	(or /TC) /ED	S L4 AND C/DT S L2 AND ED>=20000100	Not displayed
Field Availability	(or /UP) /FA	S L4 AND AB/FA	Not displayed
File Segment (code and text)	/FS	S AORTA AND HUMAN/FS	FS
International Standard (Document) Number (contains ISSN and CODEN)	/ISN	S LANCAO/ISN S 0023-7507/ISN	ISN, SO
Journal Title (contains full and abbreviated journal titles)	/JT	S US PHARM/JT	JT, JTA, JTF, SO
Language (code and text)	/LA	S ENGLISH/LA AND L1 S EN/LA AND L1	LA
Publication Date (3)	/PD	S PD>19990600	PD, SO
Publication Year (3)	/PY	S 1999-2000/PY	PY, SO
Section (code and text) (1)	/SC	S TOXICITY/SC S 4/SC	SC
Source (contains full and abbreviated journal titles, publication dates, collation information (volume, issue, pagination), CODEN, and ISSN)	/SO	S (THERAP? AND VOL 21)/SO	SO
Summary Language (code and text)	/SL	S JAPANESE/SL S JA/SL	SL
Title	/TI	S (PREGNAN? AND VITAMIN#)/TI	TI

(1) Search with implied (S) proximity is available in this field.

(2) There is a thesaurus associated with this field.

(3) Numeric search field that may be searched with numeric operators or ranges.

Controlled Term (/CT) Thesaurus

All relationship codes may be used with the SEARCH and EXPAND command in the Controlled Term (/CT) field.

Code	Content	Examples
ALL	All associated terms (SELF, OLD, USE, UF, RT)	E TRAGACANTH+ALL/CT
KT	Keyword Terms (Multiword phrases that contain the term (SELF, KT))	E TOXICITY+KT/CT
PFT	Preferred and Forbidden Terms (SELF, USE, UF)	E POLLUTION+PFT/CT
STD	Related terms (SELF, RT)	E DRUGS, ADVERSE REACTIONS+STD/CT
UF	Used For (forbidden) terms (SELF, UF)	E HYDROCHLOROTHIAZIDE+UF/CT
USE	Use (preferred) terms (SELF, USE)	E ORETIC+USE/CT

Thesaurus Field Descriptors

Code	Description
SELF	Term
KT	Keyword Term
OLD	Old Preferred Term
RT	Related Term
UF	Used For
USE	Use

IPA**DISPLAY and PRINT Formats**

Any combination of display formats may be used to display or print answers. Multiple codes must be separated by spaces or commas, e.g., D L1 1-5 TI AU; D L1 1-5 TI,AU. The fields are displayed in the order requested.

Hit-term highlighting is available in all fields except CT and PY. Highlighting must be on during SEARCH in order to use the HIT, KWIC, and OCC display formats.

Format	Content	Examples
AB AN (1) AU CC (1) CN (1) CS CT (1,2) DN DT FS (1) ISN (2) IT (1) JT (2) JTA (2) JTF (2) LA PD (2) PY (2) RN (1) SC (1) SL SO TC (2) TI (1)	Abstract Accession Number Author Classification Code Chemical Name Corporate Source Controlled Term Document Number Document Type File Segment International Standard (Document) Number Index Term Journal Title Journal Title, Abbreviated Journal Title, Full Language Publication Date Publication Year CAS Registry Number Section Summary Language Source Treatment Code Title	D L4 1-4 AB D L1 3 AN D AU 1,3-5 D CC 5-10 D 1-3,7,8 CN D CS D 1 4 CT D DN 1-5 D L1 DT 3 D 1,3,6 FS L5 D ISN D IT 1,4 7 D JT 2 D JTA 2 D JTF 2 D L8 LA 1-3 D L1 PD D PY D RN L1 4 D SC 1-3 D SL 3,4 D SO 3 6 D TC D TI
ABS ALL BIB CBIB IALL IBIB IND (1) SAM (1) SCAN (1,3)	AB AN, DN, TI, AU, CS, SO, DT, FS, LA, SL, AB, SC, CC, IT, RN, CN AN, DN, TI, AU, CS, SO, DT, FS, LA, SL (BIB is the default) AN, DN, compressed Bibliographic Data ALL, indented with text labels BIB, indented with text labels SC, CC, IT, RN, CN TI, SC, CC, IT, RN, CN TI, SC, CC, IT, RN, CN (random display without answer numbers)	D ABS D ALL D BIB L2 5 D CBIB 1 3 D IALL D IBIB D TI IND D SAM TOTAL D SCAN
HIT KWIC OCC (1)	Fields containing hit terms Hit terms with 20 words on either side (KeyWord-In-Context) Number of occurrences of hit terms and fields in which they occur	D HIT 1 5 D 1-7 KWIC NOH D OCC

(1) No online display fee for this format.

(2) Custom display only.

(3) SCAN must be specified on the command line, i.e., D SCAN or DISPLAY SCAN.

SELECT, ANALYZE, and SORT Fields

The SELECT command is used to create E-numbers containing terms taken from the specified field in an answer set.

The ANALYZE command is used to create an L-number containing terms taken from the specified field in an answer set.

The SORT command is used to rearrange the search results in either alphabetic or numeric order of the specified field(s).

Field Name	Field Code	ANALYZE/ SELECT (1)	SORT
Abstract	AB	Y (2)	N
Accession Number	AN	Y	N
Author	AU	Y	Y
CAS Registry Number	RN	Y (2,3)	N
Chemical Name	CN	Y	N
	NAME	Y (2)	N
Chemical Name and CAS Registry Number	CHEM	Y (2)	N
Classification Code	CC	Y	Y
CODEN	CODEN	N	Y
Controlled Term	CT	Y (3)	N
Corporate Source	CS	Y	Y
Document Number	DN	Y	Y
Document Type	DT	Y	Y
File Segment	FS	Y	Y
Index Term	IT	Y (2)	N
International Standard (Document) Number	ISN	Y (4)	N
International Standard Serial Number	ISSN	N	Y
Journal Title	JT	Y (5)	Y
Journal Title, Abbreviated	JTA	Y	Y
Journal Title, Full	JTF	Y	Y
Language	LA	Y	Y
Occurrence Count of Hit Terms	OCC	N	Y
Publication Date	PD	Y	Y
Publication Year	PY	Y (3)	Y
Section	SC	Y	Y
Source	SO	Y (6)	N
Summary Language	SL	Y	Y
Title	TI	Y (default)	Y
Treatment Code	TC	Y	Y

(1) HIT may be used to restrict terms extracted to terms that match the search expression used to create the answer set, e.g., SEL HIT TI.

(2) Appends /BI to the terms created by SELECT.

(3) SELECT HIT and ANALYZE HIT are not valid with this field.

(4) Selects or analyzes the CODEN and ISSN with /ISN appended to the terms created by SELECT.

(5) Selects or analyzes the full and abbreviated titles with /JT appended to the terms created by SELECT.

(6) Selects or analyzes the CODEN and ISSN with /SO appended to the terms created by SELECT.

IPA**Sample Records****DISPLAY IALL**

ACCESSION NUMBER: 2000:9274 IPA
 DOCUMENT NUMBER: 37-09275
 TITLE: Flurbiprofen loaded poly-epsilon-caprolactone
 nanospheres: in vitro release study performed under
 several conditions
 AUTHOR: Gamisans, F.; Egea, M. A.; Garcia, M. L.; Lacoulonche,
 F.; Chauvet, A.
 CORPORATE SOURCE: Lab. de Chimie Minerale et Gen., Fac. de Pharm, 34060
 Montpellier, France
 SOURCE: Journal of Controlled Release (Netherlands), (Feb 14
 2000) Vol. 64, pp. 315-318. 13 Refs.
 CODEN: JCREEC; ISSN: 0168-3659.
 DOCUMENT TYPE: Conference
 LANGUAGE: English
 ABSTRACT:

Nanospheres of poly(epsilon-caprolactone) (poly-epsilon-caprolactone) loaded with flurbiprofen were prepared and characterized, and in vitro drug release from the nanospheres, in the presence and absence of lysozyme (muramidase), was studied using a dialysis bag diffusion technique and a dialysis inverse technique.

The results showed that the release of flurbiprofen from the nanospheres was biphasic, characterized by an initial fast-release phase and a second extended-release phase. In the presence of lysozyme, the release of flurbiprofen was slower but complete.

Ramune T. Dailide

SECTION: 9 Pharmaceutics; 10 Drug Stability
 CLASSIFICATION: 28:08.04 Anti-inflammatory agents; 44:00 Enzymes
 INDEX TERM: Flurbiprofen; release; nanospheres
 INDEX TERM: Poly(epsilon-caprolactone); nanospheres; flurbiprofen
 INDEX TERM: Lysozyme; incompatibilities; flurbiprofen
 INDEX TERM: Anti-inflammatory agents; flurbiprofen; release
 INDEX TERM: Release; flurbiprofen; nanospheres
 INDEX TERM: Nanospheres; flurbiprofen; release
 INDEX TERM: Enzymes; lysozyme; incompatibilities
 INDEX TERM: Incompatibilities; lysozyme and flurbiprofen; release
 INDEX TERM: Incompatibilities; flurbiprofen and lysozyme; release
 INDEX TERM: Sustained-action medications; flurbiprofen; release
 CAS REGISTRY NO.: 5104-49-4 (Flurbiprofen)
 CAS REGISTRY NO.: 24980-41-4 (Poly(epsilon-caprolactone))
 CAS REGISTRY NO.: 9001-63-2 (Lysozyme)
 CHEMICAL NAME: Poly(epsilon-caprolactone) (Poly-epsilon-caprolactone); Lysozyme (Muramidase)

DISPLAY BIB

AN 2000:9532 IPA
 DN 37-09533
 TI Antibiogram development for an outpatient dialysis center
 AU Manley, H. J.; Bailie, G. R.; Neumann, M.
 CS Albany Coll. of Pharm., 106 New Scotland Ave., Albany, NY 12208, USA
 Internet: bailieg@acp.edu
 SO Hospital Pharmacy (USA), (Mar 2000) Vol. 35, pp. 251-253. 12 Refs.
 CODEN: HOPHAZ; ISSN: 0018-5787.
 DT Journal
 LA English