

ExtraMED™

FILE DESCRIPTION

ExtraMED™ presents a unique perspective on the much-neglected biomedical literature of the developing countries. Use File 467 to make a quick check of alternative literature, which may contain unexpected and often unique information. ExtraMED was developed to serve as an important new global research and diagnostic tool.

ExtraMED was created in 1993 on the initiative of the World Health Organization (WHO), which brought together the publishers of over 290 biomedical journals from all over the world into the ExtraMED Consortium. Most of the articles found in File 467 are not included in major European and U.S. indexing sources, making ExtraMED a particularly valuable source of information.

The file provides all the abstracts and bibliographic data from the WHO initiative. Articles provide a unique perspective on all health and biomedical topics. The full-text articles are available individually from DIALOG SourceOneSM document delivery service.

SUBJECT COVERAGE

Information reported in ExtraMED includes:

- article title
- author names
- journal title
- ISSN
- year of publication
- volume number
- issue number
- page range of article
- number of pages of article
- language
- keywords
- and full original authors' abstract

TIPS**USE FILE 467**

to locate unique biomedical articles (not covered in other biomedical databases) from developing countries.

USE SELECT JN=

to see a complete list of journal names included in the database.

USE LIMITS

/ABS for records with abstracts.

USE RANK AU

to locate experts in a specific discipline.

DIALOG FILE DATA

Inclusive Dates: 1992 to 2000

Update Frequency: Closed

File Size: 16,609 records

CONTACT

ExtraMED is provided by Informania Limited. Questions concerning the content of the file should be directed to:

Informania Limited

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SAMPLE RECORD

DIALOG(R)File 467:ExtraMed

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00009234

/TI

Induction of Erythroid Differentiation of Human
Erythroleukemia K-562 Cells by Mutactimycin

AU=

Wu Q; Li D-D; Zhen Y-S

JN=, PY=

Journal of Chinese Pharmaceutical Sciences. 1995, Vol. 4,
No. 2, p. 82-88 (7 pages)

LANGUAGE: English ISSN: 1003-1057

/AB

Mutactimycin, a new anthracycline antibiotic, consists of 5 components: mutactimycin A, B, C, D and 7-deoxymutactimycinone A. Mutactimycin components differ from each other in suppressing proliferation and inducing differentiation of human erythro-leukemia K-562 cells. Determined by benzidine staining, the percentage of K-562 cells with hemoglobin expression was 86% by mutactimycin C. The peak percentage of benzidine positive cells appeared on day 5 or 6. The differentiated cells were partially reversed after drug removal. The induced cells lost the clonogenicity in soft-agar. The kinetics of differentiation induced by mutactimycin C, in comparison with other known anthracycline antibiotics, was similar to that by doxorubicin, epirubicin and daunorubicin. Mutactimycin C was more active than aclarubicin A. The structure-activity relationship for mutactimycin components suggested that the substituting groups on C3, C11, and the saccharide on C7 might be important for their activities.

/DE

DESCRIPTORS: Differentiation; K-562 cells; Mutactimycin;
Structure-activity relationship

SEARCH OPTIONS

BASIC INDEX

SEARCH SUFFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	—	All Basic Index Fields	Word	S HUMAN(W)ERYTHROLEUKEMIA
/AB	AB	Abstract ¹	Word	S MUTACTIMYCIN(W)C/AB
/DE	DE	Descriptor ¹	Word & Phrase	S K(W)562(W)CELLS/DE S STRUCTURE-ACTIVITY RELATIONSHIP/DE
/TI	TI	Title	Word	S HUMAN(W)ERYTHROLEUKEMIA/TI

¹ Not present in all records.

ADDITIONAL INDEXES

SEARCH PREFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
AU=	AU	Author	Phrase	S AU=ZHEN Y-S
—	AZ	DIALOG Accession Number		
JN=	JN	Journal Name	Phrase	S JN=JOURNAL OF CHINESE PHARMACEUTICAL?
PY=	PY	Publication Year	Phrase	S PY=1995
—	SO	Source Information ²		
UD=	—	Update	Phrase	S UD=9999

² Display includes Journal Name, Publication Year, Volume, Issue, and Pagination.

SPECIAL FEATURES

For command descriptions, enter HELP LIMIT, HELP SORT, HELP RANK, HELP DUP online.

LIMIT	/ABS -- Abstract Present	S S2/ABS
SORT	AU, JN, PY, TI	SORT S6/ALL/TI
RANK	All phrase- and numeric-indexed fields in the Additional Indexes can be ranked.	RANK JN RANK DE S4
RD, ID	Remove duplicates (RD) or identify duplicates (ID,IDO).	RD S5

PREDEFINED FORMAT OPTIONS

NO.	DIALOGWEB FORMAT	RECORD CONTENT
1	--	DIALOG Accession Number
2	--	Full Record less abstract ¹
3	Medium	Bibliographic Citation
4	--	Full Record with Tagged Fields ¹
5	--	Full Record ¹
6	Short	Title and Publication Year
7	Long	Full record less indexing ¹
8	Free	Title and Indexing ¹
9	Full	Full Record ¹
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.

USER DEFINED FORMATS	Display codes listed in the Search Options tables can be used to customize output.	TYPE S4/TI,JN/1-5. PRINT S5/TI,JN/ALL
TAG	Output can be displayed with tags identifying each display field.	TYPE S1/6,K/ALL TAG
DIRECT RECORD ACCESS	If the accession number of a specific record is known, it can be used to display the record directly.	TYPE 00009234/9 PRINT 000014993/7

FOR ONLINE HELP:

See HELP FIELDS 467 for searchable fields; HELP FORMAT 467 for output formats; HELP LIMIT 467 for limits; HELP RATES 467 for cost information; HELP SORT 467 for sorts.