





Chin Shan Information Service Co. LTD



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- 附錄 C CA Sections
- 索引 Index

第一章 基本簡介

資料庫內容(Content)

- •超過一千六百萬筆摘要資料
 - -包括 8,000 多家科學性期刊
 - 由世界上 40 個專利組織取得專利權資料
 - 資料可追到 1967 年
 - 每日更新
- •由 1967 年以來收錄了二千七百萬筆的物質資料
- •由 1985 年以來收錄了四百萬筆的化學反應資料
- •在 CHEMLIST 中可以找到與您感興趣物質相關資料
- •在 CHEMCATS 中有供應廠商的名單
- •可以連結到 MEDLINE 資料庫







全文連結(ChemPort Connnection)

在 SciFinder Scholar 的資料庫中,可藉由 ChemPort 連結到文件的原始全文資料,使用方便,只要在欲觀看的資料上以滑鼠點選即可輕易連結至全文網頁

3D 結構(只適用 Windows 版本)

Windows 95,98, or NT4.0 的使用者可以使用 WebLab ViewerLite software 模擬 3D 結構,但需安裝 Acrobat Reader 3.0 or 4.0 以上的版本才能看到 3D 模擬結果.如為 Microsoft Windows 2000 的使用者則要具備有接受 PDF 視窗的功能才能看到 3D 模擬 結果

次結構模式(Substructure Module)

SciFinder Scholar 提供 SSM(SciFinder Subtructure Module) 可利用此模式檢索相關結構

網址(Web Site)

SciFinder Scholar web site

http://www.cas.org/SCIFINDER/SCHOLAR/

CAS Sofewares Support web site

http://www.cas.org/Support/software.html.

安裝需求(Requirements)

Windows

電腦:與 IBM 相容的個人 PC 或 Pentium 級的電腦,需具備

- Microsoft Windows 95,98,2000, or NT4.0
- ♦ Microsoft Windows 95,98, or NT4.0 最少要有 32MB(RAM)的記憶體空間
- ◆ Microsoft Windows 2000 則最少要有 64MB(RAM)的記 憶體空間
- ◆ 扣除套裝程式的記憶空間,最少還要有 40-50MB 的磁碟 空間
- ◆ 通訊協定:以 TCP/IP 連結 CAS 資料庫

螢幕:與 Windows 相容的 SVGA 彩色螢幕 印表機:解析度較高的印表機,例如雷射或噴墨印表機 瀏覽器:可使用

- ◆ Netscape Navigator 4.0 或以上版本
- ◆ Communicator Version 4 或以上版本
- ◆ Microsoft Internet Explorer Version 4 或以上版本

Macintosh(麥金塔)

電腦: Macintosh 或與其相容的個人 PC,需具備

- ◆ System 7.6.1 x or MacOS 8.x or MacOS9 的操作系統
- ◆ MacTCP or Open Transport 1.1 或以上版本
- ◆ 最少有 15MB(RAM)的記憶體
- ◆ 最少要有 30-40 MB 的磁碟空間
- ◆ 通訊協定:以 TCP/IP 連結 CAS 資料庫

螢幕:13 时以上的螢幕

印表機:解析度較高的印表機,例如雷射或噴墨印表機 瀏覽器:可使用

- ◆ Netscape Navigator 4.0 或以上版本
- ◆ Communicator Version 4 或以上版本
- ◆ Microsoft Internet Explorer Version 4 或以上版本

第二章 操作入門

SciFinder Scholar 的視窗由主選單(Main Menu),主選功能表 (Main Menu Toolbar),及檢索對話方塊(Explore dialog box)組成, 其功能將在下面的章節敘述;

Eile Edit Yiew Task Tools Help Image: Save As Image: Save As<					
Image: Sevent as the sect of the se					
Explore Select One: Image: Chemical Substance or Reaction Image: Find a substance or reaction and retrieve corresponding literature. Image: Research Topic					
Select One: Chemical Substance or Reaction Find a substance or reaction and retrieve corresponding literature. Research Topic					
Chemical Substance or Reaction Find a substance or reaction and retrieve corresponding literature. Research Topic					
Select One. Image: Select One. Image: Select One. Image: Select One. Image: Select One. Find a substance or Reaction and retrieve corresponding literature. Image: Select One. Image: Selec					

主選單(Main Menu)

🔷 SciFinder Scholar						_ 🗆 X	
<u>F</u> ile	<u>E</u> dit	View	<u>T</u> ask	T <u>o</u> ols	<u>H</u> elp		

File Menu(檔案表單)

項目	說明
New Task	開新檔案
Save As	另存新檔
Print Setup(Windows) or Page Setup(Machintosh)	列印設定
Print	列印
Full Text Option	全文功能選項
Exit SciFinder Scholar(Windows) or Quit(Machintosh)	離開

Edit Menu(編輯表單)

項目	說明
Cut	剪下
Сору	複製
Paste	貼上
Select All	全選
Unselect All	全不選

View Menu(檢視表單)

項目	說明
Compact	完整檢視模式
Standard	標準檢視模式
Summary	大綱檢視模式
Full	全文檢視模式
Accession Number Order	顯示資料庫檢索完後的結果筆數
Similarity Order	將搜尋結果以模糊比對的方式擴大 檢索
Title Order	顯示標題檢索結果
Reverse Order	顯示選項外的檢視結果

Task Menu(檢索表單)

項目	說明	
Explore	開啟檢索對話方塊	
Author Name	以作者名稱作為檢索標的	
Research Topic	以標題作為檢索標的	
Document Id	以文件類別作為檢索標的	
Company Name	以公司名稱作為檢索標的	
Chemical Structure	以化學結構作為檢索標的	
Substance Id	以物質註冊號碼作為檢索標的	
Molecular Formula	以分子公式作為檢索標的	
Browse Journals	期刊瀏覽	

Tools Menu(工具表單)

項目	說明
Analyze References	對參考文獻進行分析
Analyze Substances	對物質進行分析
Refine	針對指定條件做進階搜尋
Кеер	將搜尋結果暫時保留
Task History	檢索結果的歷史清單
Back	回上一頁
Forward	往下一頁
Database Setting	開啟資料庫選項設定對話方塊
Statistics Monitor	顯示伺服器,記憶體狀態及資料 處理速度等相關資訊
Internet	進行相關網站的連結

Help (Windows) or SciFinder Help (Macintosh) Menu(疑難排解)

項目	說明
Contents	描述各項提供疑難排解的選項
Search for Help on	將所需問題以條列方式進行搜尋
Message of the Day	檢視 CAS 每日提供的各種資訊
About SciFinder Scholar	SciFinder 的相關及版權頁

主選功能表(Main Menu Toolbar)



項目	說明
New Task	開啟新的檢索對話方塊
Back	回上一頁
Forward	往下一頁
Print	列印
Save As	另存新檔
Full Text	聯結至全文模式
Database	資料庫
History	歷史清單
Internet	友站連結
Help	疑難排除
Exit	離開

檢索對話方塊(Explore Dialog Box)

🔶 Explore	e
Select	One:
1	Chemical Substance or Reaction Find a substance or reaction and retrieve corresponding literature.
	Research Topic Find literature relevant to a topic of interest.
?	Author Name Find literature written by a specific author.
Þ	Document Identifier Find literature by document ids such as CA abstract number or patent number.
- 	Company Name / Organization Find literature from a specific organization.
	Browse Table of Contents Scan table of contents of my favorite journals.
	Cancel

如圖,有六種檢索方式;

1.以化學結構或反應作檢索

- 2.以標題或句子作檢索
- 3.以作者作檢索
- 4.以註冊號碼作檢索
- 5.以公司或組織名稱作檢索
- 6.瀏覽期刊清單

以點選方式進入檢索主題

檔案儲存(Saving Files)

點選主選功能表(Main Menu Toolbar)上的另存新檔(Save As)

- 1. 選擇欲存的檔案,例如;3.5 磁片
- 2. 建入檔名
- 3. 選擇存檔模式,例如;Rich Text Format(.rtf)
- 4. 點選存檔(Save)即完成

檔案列印(Printing)

點選主選功能表(Main Menu Toolbar)或檔案表單(File Menu) 上 的列印(Print),將會出現列印的對話方塊,選擇需求的格式,點選 OK(Windows 作業系統)或 Print(Machintosh 作業系統)即可

第三章 SciFinder Scholar 的檢索方式

以化學物質或反應作檢索(Explore by Chemical Substance or Reaction)



以標題或句子作檢索(Explore by Research Topic)

< Explore by Research Topic		
Describe your topic using a	phrase.	
I am interested in:		
INHIBITION OF HIV REPLICA	ATION IN HUMAI	NS
Examples: The effect of antibiotic re Photocyanation of aroma Hydrocarbon-water emul	esidues on dairy atic compounds Isions as fuels Back	products

Topic Candidates	
<u>F</u> ile <u>E</u> dit <u>T</u> ask T <u>o</u> ols <u>H</u> elp	
Select the candidates of interest:	
1165 references were found containing all of the "INHIBITION", "HIV REPLICATION" and "HU closely associated with one another.	ne concepts
2608 references were found where all of the co "INHIBITION", "HIV REPLICATION" and "HU present anywhere in the reference.	oncepts IMANS'' were
2087 references were found containing the two "INHIBITION" and "HIV REPLICATION" close with one another.	o concepts ely associated
2758 references were found where the two cor "INHIBITION" and "HIV REPLICATION" were anywhere in the reference.	ncepts present
111914 references were found containing the f "INHIBITION" and "HUMANS" closely associated another.	two concepts ated with one
239889 references were found where the two of "INHIBITION" and "HUMANS" were present a reference.	concepts anywhere in the
2708 references were found containing the two "HIV REPLICATION" and "HUMANS" closely with one another.	associated
SciFinder Scholar	
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Forward Print Solve As Full Text History Internet Help	
Heymans, Francoise; Dereuddre-Bosquet, Na Jean-Jacques; Lamouri, Aazdine; Clayette, Pa Piperazine derivatives inhibiting human impreplication. PCT Int. Appl. (2000), 68 pp 0001677 A1 20000113 CAN 132:78572 AN	thalie; Godfroid, ascal; Martin, Marc. munodeficiency virus b. CODEN: PIXXD2 WO 2000:34862 CAPLUS
De Maria, A.; Moretta, L. HLA-class I-specifi in HIV-1 infection. Hum. Immunol. (2000), HUIMDQ ISSN:0198-8859. AN 2000:30920	61(1), 74-81. CODEN:
Gunzburg, Walter; Mhashilkar, Abner M.; Hind evaluation: StealthVector (HIV) Enzo. Cu (1999), 1(5), 651-657. CODEN: CUOTFO I: 132:73089 AN 2000:22572 CAPLUS	di, Mustafa. Technology rr. Opin. Mol. Ther. SSN:1464-8431. CAN
 Daelemans, Dirk; Schols, Dominique; Witvrou Pannecouque, Christophe; Hatse, Sigrid; Van Francois; Klimkait, Thomas; De Clercq, Erik; V A second target for the peptoid tat/transac element inhibitor CGP64222: inhibition of h 	w, Myriam; Dooren, Sonia; Hamy, Vandamme, Anne-Mieke. stivation response
immunodeficiency virus replication by bloc receptor 4-mediated virus entry. Mol. Pha 116-124. CODEN: MOPMA3 ISSN:0026-895	king CXC-chemokine armacol. (2000), 57(1), X. CAN 132:160866 AN

以作者作檢索(Explore by Author Name)

Explore by Author Name	×
Enter the author's name.	
Last name (required):	
Crothers	
First name or initial:	
Donald	
Middle name or initial:	
M	
CLook for alternative spellings of the last name.	
OK Back	

🔿 Author Ca	andidates			玉 川 I
<u>F</u> ile <u>E</u> dit	<u>T</u> ask T <u>o</u> ols <u>H</u> elp			
Select the	candidates of interest:			
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CROTH	ERS D M	254	references	
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CROTH	ERS DONALD M	208	references	
				
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Candidates	1-4 of 4			

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132:18468 AN 1999:615992 CAPLUS	<u> </u>
 Long, Katherine S.; Crothers, Donald M Characterization of the Solution Conformations of Unbound and Tat Peptide-Bound Forms of HIV-1 TAR RNA. Biochemistry (1999), 38(31), 10059-10069. CODEN: BICHAW ISSN:0006-2960. CAN 131:225001 AN 1999:428242 CAPLUS 	
 Dhavan, Gauri M.; Lapham, Jon; Yang, Shuwei; Crothers, Donald M.: Decreased Imino Proton Exchange and Base-pair Opening in the IHF-DNA Complex Measured by NMR. J. Mol. Biol. (1999), 288(4), 659-671. CODEN: JMOBAK ISSN:0022-2836. CAN 131:140937 AN 1999:297844 CAPLUS 	
Crothers, Donald M., DNA curvature and deformation in protein-DNA complexes: a step in the right direction. Proc. Natl. Acad. Sci. U. S. A. (1998), 95(26), 15163-15165. CODEN: PNASA6 ISSN:0027-8424. CAN 130:164380 AN 1999:19228 CAPLUS	
Zeman, Steven M.; Phillips, Don R.; Crothers, Donald M., Characterization of covalent Adriamycin-DNA adducts. Proc.	
Analyze or Refine References Back	
References 4-8 of 478	

以檔案格式作檢索(Explore by Document Identifier)

🔷 Explore by Document Identifier	
Enter Document Identifiers, one per line.	Read from file
US 5900476	
A Document Identifier is any number used to specific document.	denote a
Examples: 1983:4296 107:12935 CA97:38705 1998:006572 US 5900476 JP08-75755 FR1977-10253	
OK Bac	ok

🗢 SciFinder Scholar 📃	
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Image: Second	k
 Ruggeri, Zaverio M.; Ware, Jerry L. Polypeptides with antithrombotic action derived from von Willebrand factor. U.S. (1999), 34 pp., Contin-part of U.S. Ser. No. 613,004, abandoned. CODEN: USXXAM US 5900476 A 19990504 CAN 130:333726 AN 1999:296644 CAPLUS 	
 Zimmerman, Theodore S.; Fujimura, Yoshihiro; Houghten, Richard A.; Ruggeri, Zaverio M. Peptides that inhibit von Willebrand factor (vWF) binding to platelets, heparin, or collagen. U.S. (1993), 26 pp. Contin-part of U.S. Ser. No. 270,488, abandoned. CODEN: USXXAM US 5238919 A 19930824 CAN 120:153719 AN 1994:153719 CAPLUS 	<u>全</u>
 Ruggeri, Zaverio M.; Ware, Jerry L. Therapeutic domains of von Willebrand factor. PCT Int. Appl. (1993), 122 pp. CODEN: PIXXD2 WO 9316709 A1 19930902 CAN 119:241388 AN 1993:641388 CAPLUS 	<u>全</u>
 Ruggeri, Zaverio M.; Ware, Jerry L. Therapeutic fragments of von Willebrand factor and their manufacture with transgenic cells. PCT Int. Appl. (1992), 177 pp. CODEN: PIXXD2 WO 9206999 A1 19920430 CAN 117:166671 AN 1992:566671 CAPLUS 	
Analyze or Refine References Back	
References 1-4 of 4	

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以公司或組織名稱作檢索(Explore by Company Name / Organization)

🗢 Explore by Company Name

chulalongkorn	
Examples: Minnesota Mining an	d Manufacturing
3M	

💠 SciFinder Scholar
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Feedback
Teeramongkonrasmee, A.; Sriyudthsak, M. Methanol and ammonia sensing characteristics of sol-gel derived thin film gas sensor. Sens. Actuators, B (2000), B66(1-3), 256-259. CODEN: SABCEB ISSN:0925-4005. AN 2000:573153 CAPLUS
 Longyant, Siwaporn; Sithigorngul, Paisarn; Thammapalerd, Nitaya; Sithigorngul, Weerawan; Menasveta, Piamsak. Characterization of vitellin and vitellogenin of giant tiger prawn Penaeus monodon using monoclonal antibodies specific to vitellin subunits. Invertebr. Reprod. Dev. (2000), 37(3), 211-221. CODEN: IRDEE2 ISSN:0792-4259. AN 2000:565598 CAPLUS
Chutakositkanon, Vichai; Charusiri, Punya; Sashida, Katsuo. Lithostratigraphy of permian marine sequences, khao pun area, central thailand: Paleoenvironments and tectonic history. Isl. Arc (2000), 9(2), 173-187. CODEN: ISARFY ISSN:1038-4871. AN 2000:555720 CAPLUS
 Chiang, C.; Craft, C. B.; Rogers, D. W.; Richardson, C. J. Effects of 4 years of nitrogen and phosphorus additions on Everglades plant communities. Aquat. Bot. (2000), 68(1), 61-78. CODEN: AQBODS ISSN:0304-3770. AN 2000:548043 CAPLUS
Ellis, John W.; Picot, J. J. C. Mechanical and thermal anisotropy for uniaxially and biaxially drawn PET. Polym. Eng. Sci. (2000), 40(7), 1619-1627. CODEN: PYESAZ ISSN:0032-3888. AN 2000:531037 CAPLUS
 Chirachanchai, Suwabun; Laobuthee, Apirat; Phongtamrug, Suttinun; Siripatanasarakit, Wanida; Ishida, Hatsuo. A novel ion extraction material using host-guest properties of oligobenzoxazine local structure and benzoxazine monomer molecular assembly. J. Appl. Polym. Sci. (2000), 77(12), 2561-2568. CODEN: JAPNAB ISSN:0021-8995. AN 2000:521938 CAPLUS
 Kiatkamjornwong, Suda; Nuisin, Roongkan; Ma, Guang-Hui; Omi, Shinzo. Synthesis of styrenic toner particles by SPG emulsification technique. Chin. J. Polym. Sci. (2000), 18(4), 309-322. CODEN: CJPSEG ISSN:0256-7679. AN 2000:477304 CAPLUS
□ Taneepanichskul, S.; Reinprayoon, D.; Phaosavadi, S. DMPA use above the age of 35 in Thai women. Contraception (2000), 61(4), 281-282. CODEN: CCPTAY ISSN:0010-7824. AN 2000:470040 CAPLUS
Sriyudthsak, M.; Teeramongkolrasasmee, A.; Moriizumi, T. Radial basis neural networks for identification of volatile organic compounds. Sens. Actuators, B (2000), B65(1-3), 358-360. CODEN: SABCEB ISSN:0925-4005. CAN 133:93663. AN 2000:456290 CAPLUS
Analyze or Refine References Back
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以物質註冊號碼作檢索(Explore by Substance Identifier)

以化學公式作檢索(Explore by Molecular Formula)





第四章 利用化學結構檢索(Explore by Chemical Structure)

化學結構檢索視窗功能說明(Accessing Explore by Chemical Structure)

繪圖功能表單(Structure Drawing Menu)

File Menu(檔案表單)

項目	說明
New	開啟一個全新的繪圖視窗
Open	開啟舊檔
Close	結束檔案
Save	存檔
Save As	另存新檔
Revert	將結構重新 modified
Get Substances	取得物質資訊
Get Reactions(RXN)	取得反應結果

Preview(SSM)	預覽結果
Print Setup(Windows) or Page Setup(Machintosh)	列印設定
Print	列印
Exit SciFinder Scholar(Windows) or Quit(Machintosh)	離開

Edit Menu(編輯表單)

項目	說明
Undo	回復上一動作
Redo	重作上一動作
Cut	剪下
Сору	複製
Paste	貼上
Clear	清除
Select All	全選
Unselect All	全不選
Clear All	全部清除
Repaint	更新視窗

Delete All Mappings(RXN)	移除所有的標識(mappings)

View Menu(檢視表單)

項目	說明
Dot Atoms	
Position Numbers	
Status Bar	

Tools Menu(工具表單)

項目	說明
Valency Checking	
Fix Drawing Angles	
Fix Drawing Length	
Check Overlaps	
Unlock All Positions(SSM)	
Lock All Positions(SSM)	
Reverse Shortcut	
Flip Horizontal	
Flip Vertical	
Fuse Fragments	

Template Menu(模板表單)

項目	說明	
Monocarbocyclic	由碳原子組成的單環結構	
Bicarbocyclic	由碳原子組成的雙環結構	
Polycarbocyclic	由碳原子組成的多環結構	
N-containing	含有 N 成分的結構	
O-containing	含有 O 成分的結構	
S-containing	含有 S 成分的結構	
NOS-containing	含有 NOS 成分的結構	
Alkaloid	結構	
Amino Acid	胺基酸結構	
Carbohydrate	碳水化合物結構	
Nucleic Acid	核酸結構	
Steroid	類固醇結構	
Coordination	鏈狀結構	
Misc.	呈現多樣性的結構	

Help (Windows) or SciFinder Help (Macintosh) Menu(疑難排解)

項目	說明	
Contents	描述各項提供疑難排解的選項	
Search for Help on	將所需問題以條列方式進行搜尋	
About SciFinder Scholar	SciFinder 的版權頁	

垂直功能板(Vertical Tool Palette)

項目	說明
Pencil Tool	
Chain Tool	
Atom Menu Tool	
Short Menu Tool	
X Menu Tool(SSM,RXN)	
R Group Tool(SSM)	
Cyclopentadiene Tool	
Cyclopentane Tool	
Benzene Tool	
Cyclohexane Tool	
Template Tool	
3-15 Member Ring Tool	

Eraser Tool	
Lasso Tool	
Selection Tool	
Rotation Tool	
Positive Charge Tool	
Negative Charge Tool	
Lock Out Substitution Tool(SSM)	
Lock Out Rings Tool(SSM,RXN)	
Reaction Site Marking Tool(RXN)	
Reaction Role Tool(RXN)	
Reaction Arrow Tool(RXN)	
Reaction Mapping Tool(RXN)	

水平功能板(Horizontal Tool Palette)

項目	說明

Current Atom Box	
Common Atoms Palette	
Bonds Palette	
Scaling Factor Box	
Molecular Formula / Formula Weight	

畫結構圖(Drawing a Structure)

進階搜尋(Performing an Exact Structure Search)

第五章利用次結構檢索(Explore by Substructure)

次結構檢索視窗功能說明(Accessing Explore by Substructure)

次結構繪圖特徵(Substructure Drawing Features)

如何畫次結構(Drawing a Substructure)

預覽(Previewing Substructure)

基本檢索(Performing a Substructure Search)

進階搜尋(Refine Substructure)

分析(Analyzing Substructures)

第六章利用化學反應檢索(Explore by Reaction)

相關功能鍵(Accessing Explore by Reaction)

單端反應檢索(Searching One Side of a Reaction)

保留反應結果(Keeping Reactions)

反應進階搜尋 (Refine Reactions)

雙端反應檢索(Searching Both Sides of a Reaction)

功能群組反應檢索(Exploring Reactions by Functional Groups)

第七章 引用文獻相關

(Display Format and Sort Order)

檢視引用文獻的詳細資料(Viewing Details of References)

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保留感興趣的文獻(Keeping References of Interest)

文獻分析(Analyzing References)

🔶 Analyze or Refine







文獻進階搜尋(Refining References)



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第八章 相關連結資訊



連結到物質記錄(Link to Substance Record)

連結到工商資訊(Link to Commercial Sources)

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連結到化學表單記錄(Link to Regulated Chemicals Listing)

連結到引用文獻(Link to Citations)

Detail of Reference 4

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Bibliographic Information

HIV-1 drug resistance testing. Frater, A. J.; Clarke, J. R.; McClure, M. O. Department of GU Medicine and Communicable Diseases, Imperial College School of Medicine at St. Mary's, London, UK. Recent Res. Dev. Virol. (1999), 1(Pt. 2), 385-398. CODEN: RRDVFH Journal written in English. AN 2000:450316 CAPLUS

Abstract

Available drug therapies directed against HIV-1 infection reduce viral replication in plasma to undetectable levels. The emergence of drug-resistant variants - initially predicted in vitro - is a major cause of patients failing on these drug regimes. It is possible to measure HIV-1 drug resistance either by detecting known resistance-conferring point mutations in the viral genome (genotypic method) or by culturing patient-derived virus in the presence of drug and measuring changes in the IC50 - the concn. of drug at which 50% of viral replication is inhibited (phenotypic method). There is currently little evidence that 'resistance testing' is beneficial to long-term patient outcome and it is currently being debated whether these tests should become a routine part of patient management. This review outlines the resistance profiles assocd, with currently available drugs, the various tests that are used to detect them and the patient groups that might benefit from them. The advantages, disadvantages and the complexities of this area will be discussed and highlighted.

Indexing -- Section 1 (Pharmacology)

Citations

Boyer, E; J Virol 1995, 69, 3510 96) Eastman, P; J Clin Microbiol 1995, 33, 2777 97) Stuyver, L; Antimicrob Agents Chemother 1997, 41, 284 98) Gunthard, H; AIDS Res Hum Retroviruses 1998, 14, 869 99) Lipshutz, R; Biotechniques 1995, 19, 442 100) Fodor, S; Nature 1993, 364, 555 101) Kozal, M; Nat Med 1996, 2, 753 102) Japour, A; Antimicrob Agents Chemother 1993, 37, 1095

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🔶 Detail for Citation "96) Eastman, P; J Clin Microbiol 1995, 33, 2777"			
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Bibliographic Information			
Nonisotopic hybridization assay for determination of relative amounts of genotypic human immunodeficiency virus type 1 zidovudine resistance. Eastman, P. Scott; Boyer, Eric; Mole, Larry; Kolberg, Janice; Urdea, Mickey; Holodniy, Mark. Chiron Corporation, Emeryville, CA, USA. J. Clin. Microbiol. (1995), 33(10), 2777-80. CODEN: JCMIDW ISSN: 0095-1137. Journal written in English. CAN 123:331149 AN 1995:917530 CAPLUS			
Abstract			
A nonisotopic hybridization assay for human immunodeficiency virus genotypic zidovudine resistance detn. is described. Biotinylated PCR product was hybridized with enzyme-labeled probes for wild-type or resistant mutant sequences and detected colorimetrically or chemiluminescently in a microplate format. Changes in mutant-to-wild-type ratios allow for the monitoring of longitudinal patient samples.			
Indexing Section 3-1 (Biochemical Genetics) Section cross-reference(s): 10			
Nucleic acid hybridization (nonisotopic hybridization assay for detn. of relative amts. of genotypic HIV type 1 zidovudine resistance)			
Virus, animal (human immunodeficiency 1, nonisotopic hybridization assay for detn. of relative amts. of genotypic HIV type 1 zidovudine resistance)			
<u>30516-87-1,</u> Zidovudine Role: BPR (Biological process); BIOL (Biological study); PROC (Process) (resistance; nonisotopic hybridization assay for detn. of relative amts. of genotypic HIV type 1 zidovudine resistance)			
Supplementary Terms			
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連結到 3D 模式(Link to 3D Models --只適用 Windows 模式)





連結到全文檔案(Accessing Full-Text Documents)

連結到 SciFinder Scholar 內 ACS 的出版品(Linking to SciFinder Scholar from ACS Publications)

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1. Bador, P.; Surrel, M. N. Computer systems for searching of chemical reaction databases and systems for computer-aided design of organic synthesis. <i>New J. Chem.</i> 1992 , <i>16</i> , 413-423.[CAS]			
2. Zass, E. A user's view of chemical reaction information sources. J. Chem. Inf. Comput. Sci. 1990, 30, 360-372.[CAS]			
3. Hopkinson, G. A.; Cook, A. P.; Buchan, I. P.; Reynolds, A. E. In Chemical Structures 2. Proceedings of the International Conference; Warr, W. A., Ed.; Springer: Berlin, 1993; pp 459-468.			
4. Christie, B.; Moock, T. In Chemical Structures 2. Proceedings of the International Conference; Warr, W. A., Ed.; Springer: Berlin, 1993; pp 469-483.			
5. Meyer, D. E.; Abdul-Malik, N. F.; Vladutz, G. E. In Chemical Structures 2. Proceedings of the International Conference; Warr, W. A., Ed.; Springer: Berlin, 1993; pp 409-457.			
6. Gasteiger, J.; Ihlenfeldt, W. D. In Chemical Structures 2. Proceedings of the International Conference; Warr, W. A., Ed.; Springer: Berlin, 1993; pp 423-438.			
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