







人 網

- 1. 基本功能介紹
- 2. 進階功能介紹
- 3. 實際例子 Demo
- 4. 新功能介紹



基本功能介紹

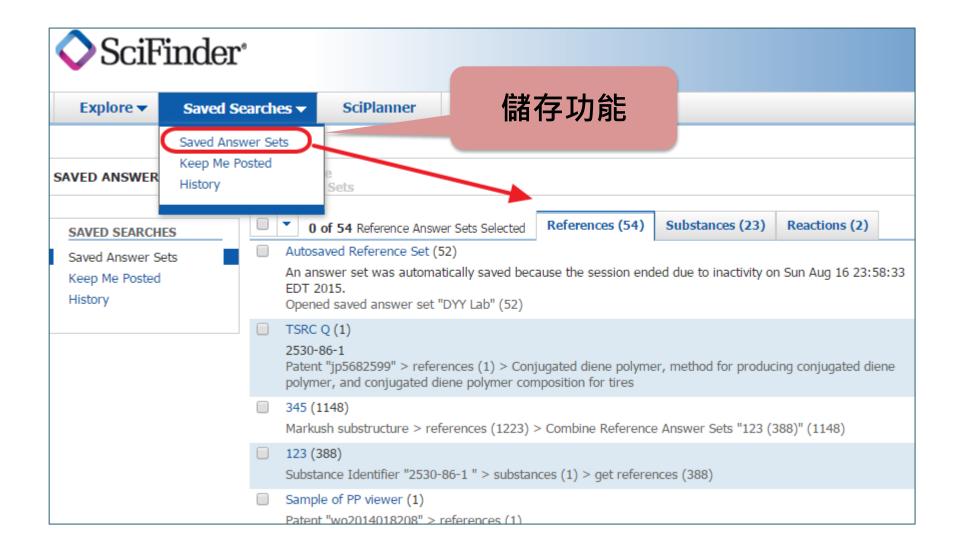
基本功能介紹



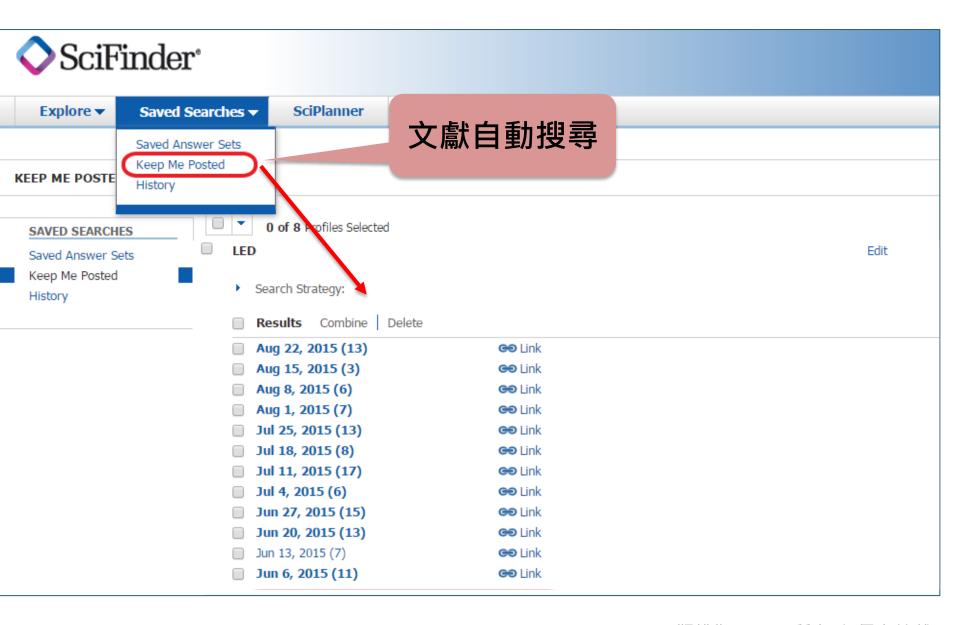


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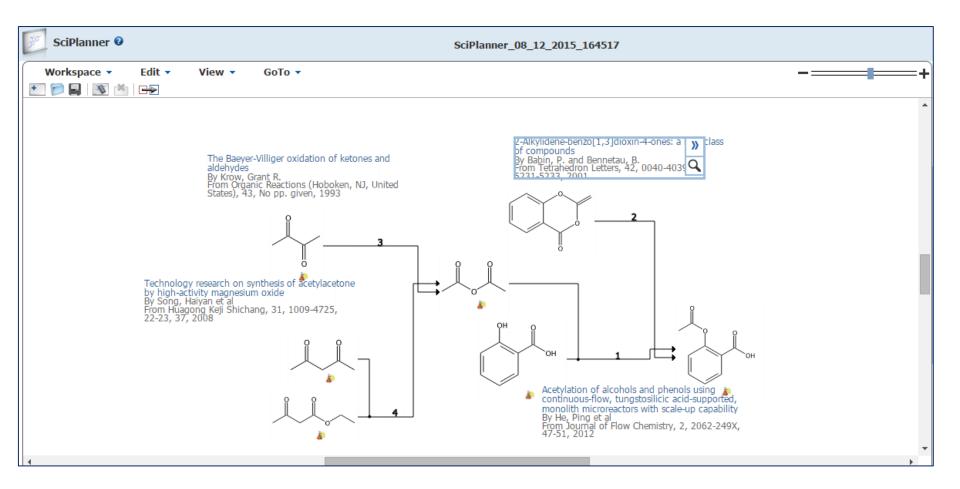








自行建立合成途徑

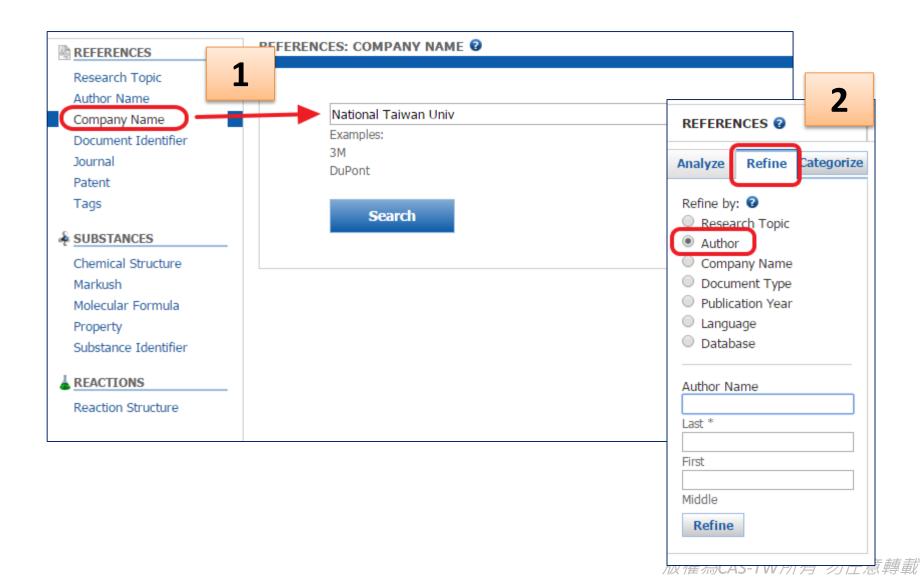




進階功能介紹

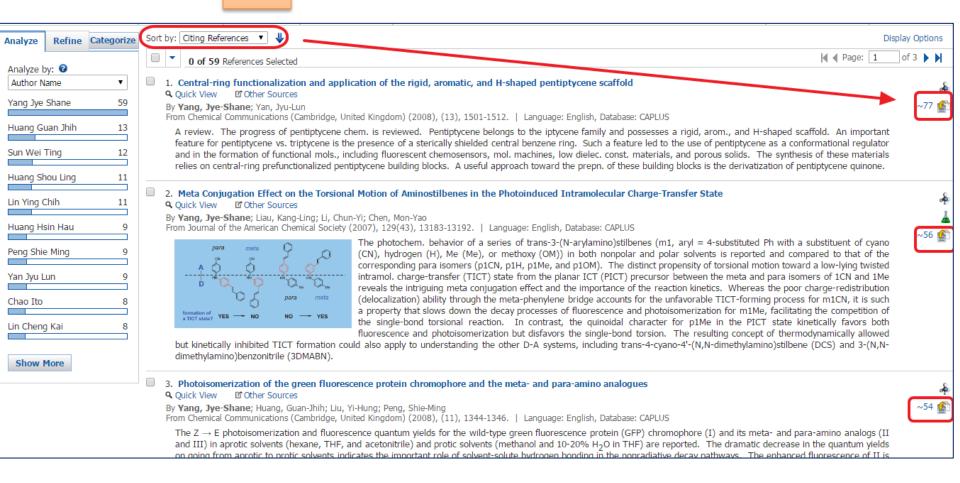


進階功能運用 – Citing References



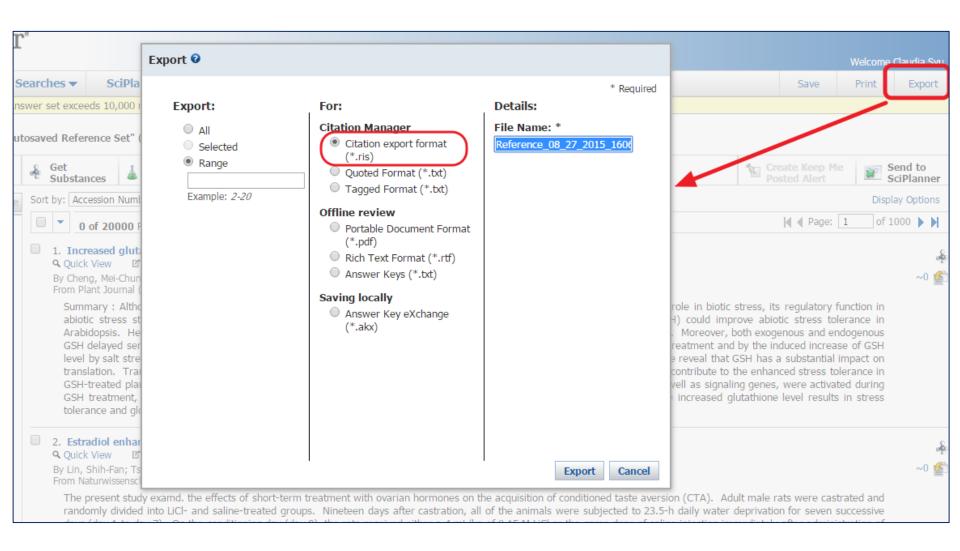








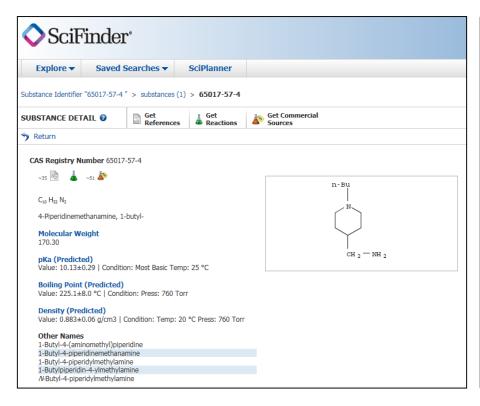
進階功能運用 - 文獻導入EndNote

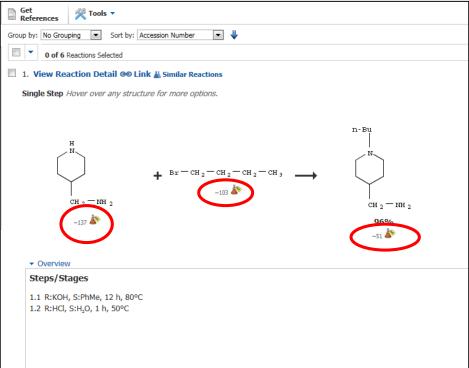




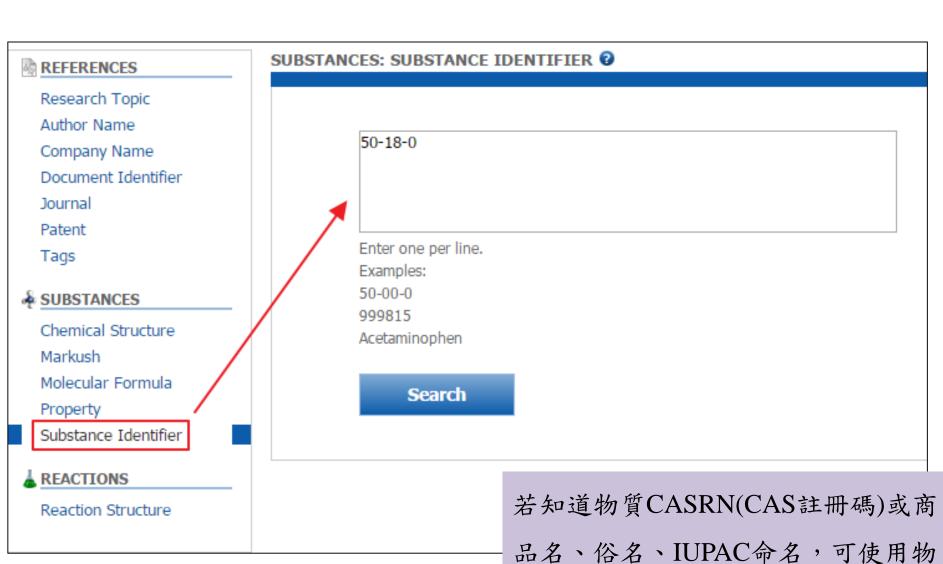
進階功能運用 - 購買化學物質







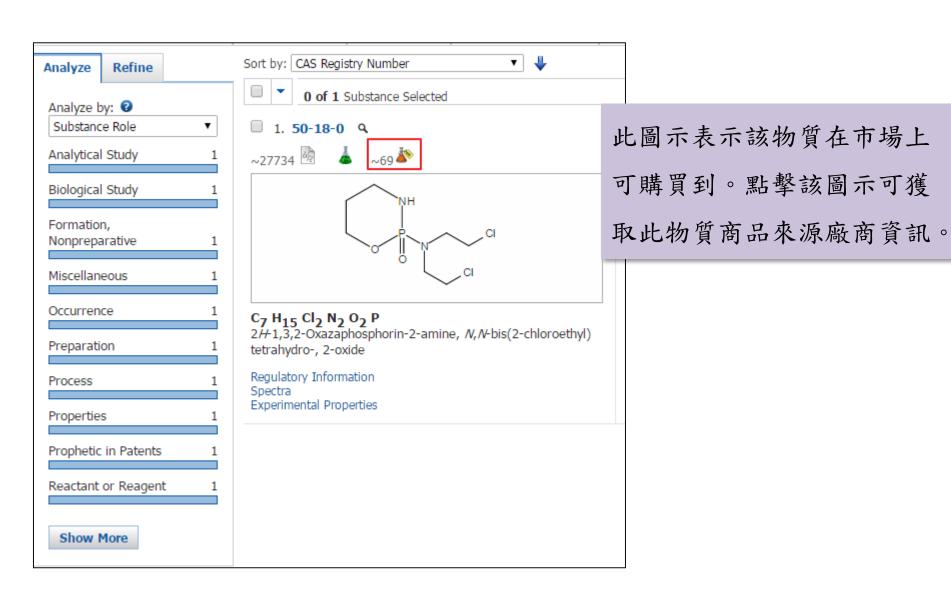




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質檢索 Substance Identifier此項功能







單擊第一行任一標題,可重新排序商家。

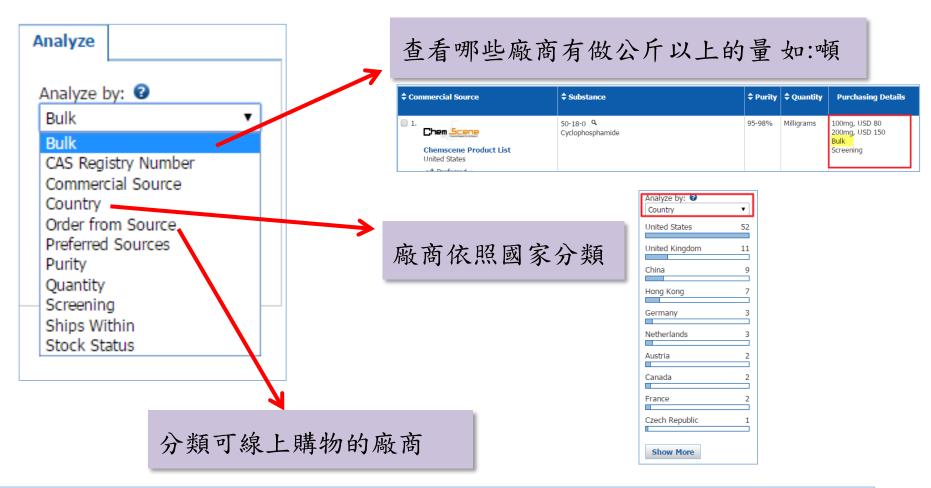
例如:點擊 Purity (純度),商品來源將按照物質純度

排列。標示最高純度的商家排列在最前方。

| <u> </u> | | | | | | | | |
|---|-------------|--|---|-----------------|-------------------|--|--------------------------|-----------------|
| Analyze | Sort by | y: Preferred Sources ↑ | | | | | | Display Options |
| Analyze by: 0 | - | 0 of 69 Commercial Sources Selected | | | | | ∢ | of 4 🕨 🔰 |
| Commercial Source ▼ | ‡ Co | ommercial Source | \$ Substance | ‡ Purity | ‡ Quantity | Purchasing Details | | |
| Ryan Scientific HTS and Building Blocks Product List 6 Tecoland Product List 3 | <u> </u> | . 3B Scientific Corporation Product List United States Set Preference ** ** ** ** ** ** ** ** ** | 50-18-0 Q Cyclophosphamide | | Grams | 50g, \$500 100g, \$750 | Intermittently available | 4 weeks |
| Aurum Pharmatech Product List 2 | 2 . | . A Chemtek Product List United States Set Preference • | 50-18-0 Q Cyclophosphamide | | | | Typically in stock | |
| BroadPharm Product List 2 Carbosynth Product | □ 3. | . AAA Chemistry Stock Product List Hong Kong Set Preference • | 50-18-0 Q methyl 3-(diethylamino)butanoate | 90-95% | | Bulk | Typically in stock | 2 weeks |
| CMS Chemicals Product List 2 | - 4. | . Abcam Biochemicals Product List United Kingdom Set Preference • | 50-18-0 Q N,N-Bis(2-chloroethyl)tetrahydro-2H-1,3,2- oxazaphosphorin-2-amine 2-oxide | >=99% | Milligrams | √ Order from Source 50.000mg, \$35.00 Bulk | Typically in stock | 1 week |
| TimTec Stock Building Blocks and Screening | 5 . | . ACC Corp. Catalog United States Set Preference • | 50-18-0 Q CYCLOPHOSPHAMIDE | | Grams | 1g 2.5g 5g | | |
| Compounds 2 Vijaya Pharmaceuticals Product List 2 | 6. | . AKos Building Blocks Product List Germany Set Preference ▼ | 50-18-0 Q 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2- chloroethyl)tetrahydro-, 2-oxide | | | Screening | Typically in stock | 2 weeks |
| 3B Scientific Corporation Product List 1 | 7. | . AldrichCPR United States Set Preference ▼ | 50-18-0 Q N,N-bis(2-chloroethyl)-1,3,2-oxazaphosphinan-2-amine 2-oxide | | Milligrams | √ Order from Source 25 mg Screening | Typically in stock | |
| | 8. | . Amatek Chemical Catalog | 50-18-0 Q | | Grams | 1 g | | |

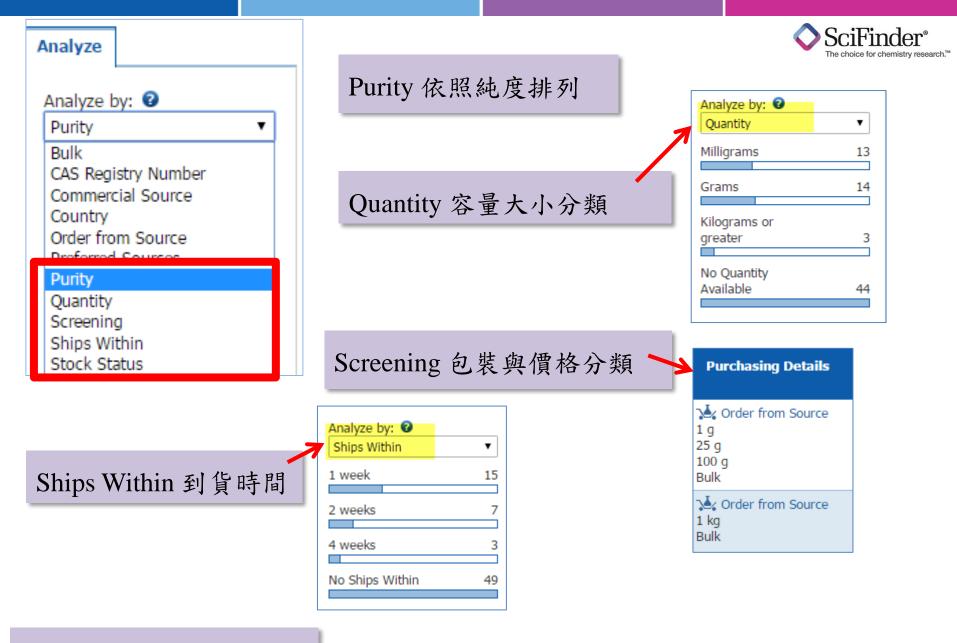


分析與排序商品來源



| ♦ Commercial Source | ♦ Substance | ‡ Purity | ♦ Quantity | Purchasing Details | ‡ Stock Status | ♦ Ships Within |
|--|--|--------------------------------------|-------------------|---|--------------------------|--------------------------|
| □ 3. AldrichCPR United States Set Preference ▼ | 50-18-0 Q N,N-bis(2-chloro 2-oxide | ethyl)-1,3,2-oxazaphosphinan-2-amine | | Order from Source 25 mg Screening | Typically in stock | |

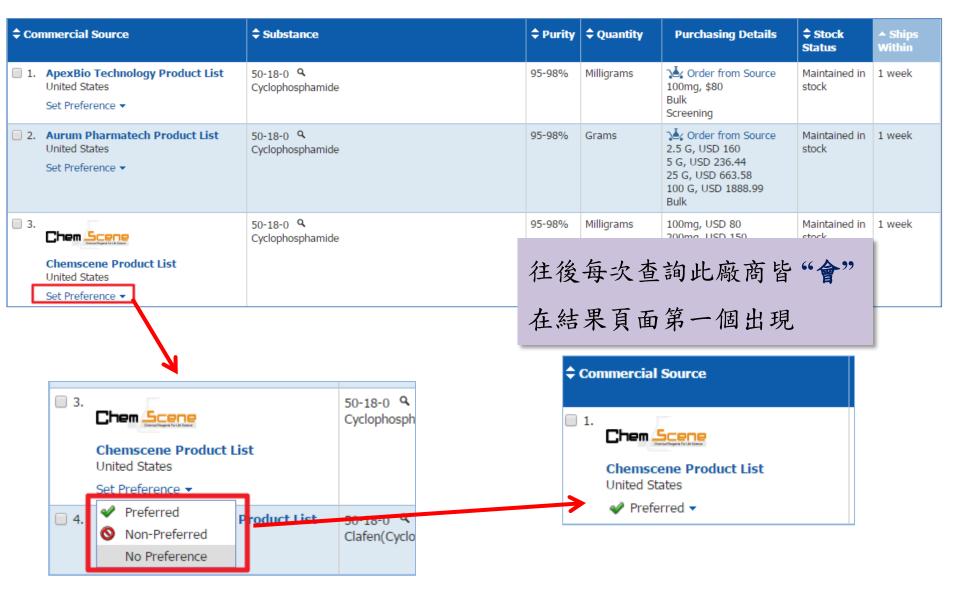
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Stock Status 庫存狀態



指定喜爱的廠商





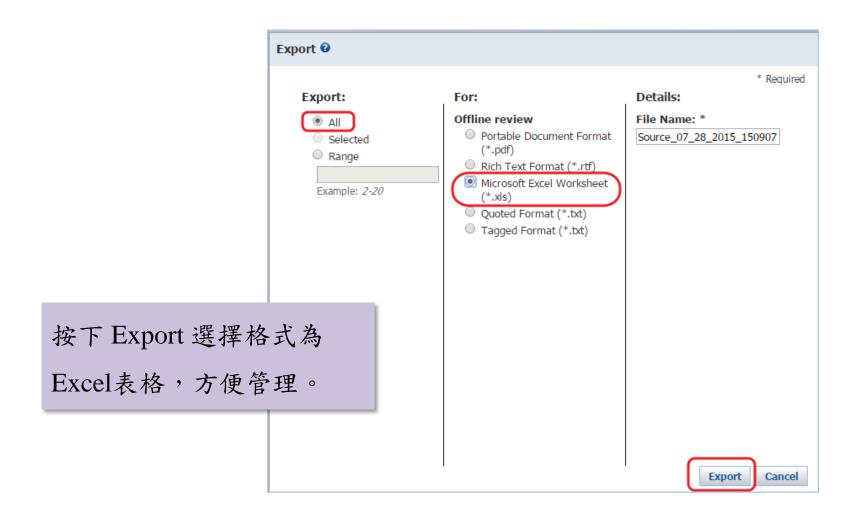
指定黑名單的廠商

| □ ▼ 0 of 78 Commercial Sources Selected | | | | | | | |
|---|--|--|--------|-------------------|--|--|--|
| ‡ Coı | mmercial Source | \$ Substance | Purity | ‡ Quantity | | | |
| 1. | Chemscene Product List United States ✔ Preferred ▼ | 50-18-0 Q Cyclophosphamide | 95-98% | Milligrams | | | |
| 2. | ACC Corp. Catalog United States Non-Preferred ▼ | 50-18-0 Q CYCLOPHOSPHAMIDE | | Grams | | | |
| □ 3. | AKos Building Blocks Product List Germany Set Preference ▼ | 50-18-0 Q 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide | | Grams | | | |
| <u> </u> | AldrichCPR United States Set Preference ▼ | 50-18-0 Q N,N-bis(2-chloroethyl)-1,3,2-oxazaphosphinan-2-amine 2-oxide | | Milligrams | | | |

往後每次查詢此廠商"不會" 在結果頁面第一個出現



匯出報告商品來源訊息

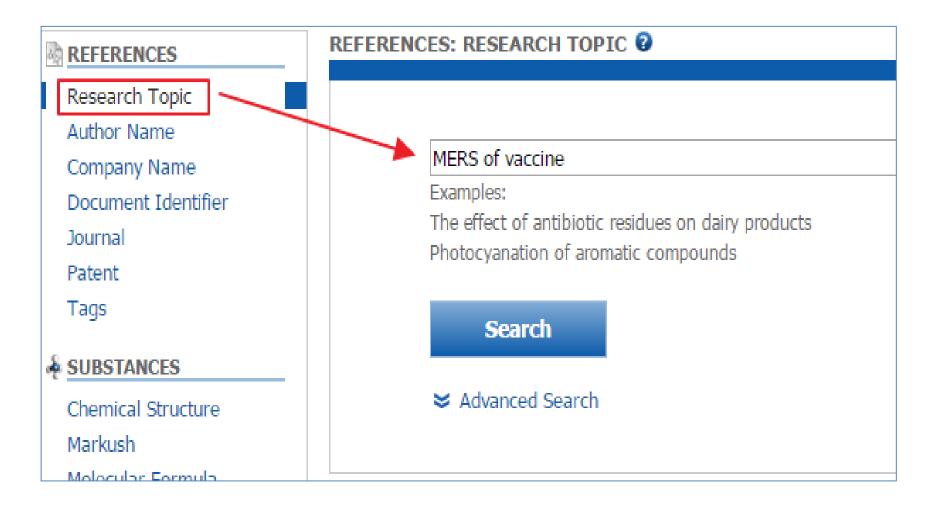




實際例子



例子 MERS疫苗開發





MERS 查詢結果

201506查詢結果

1 of 5 Research Topic Candidates Selected

- 18 references were found containing "MERS of vaccine" as entered.
- 2233 references were found containing the two concepts "MERS" and "vaccine" closely associated with one another.
- 5022 references were found where the two concepts "MERS" and "vaccine" were present anywhere in the reference.
- 571381 references were found containing the concept "MERS".
- 451421 references were found containing the concept "vaccine".

Get References

201508查詢結果

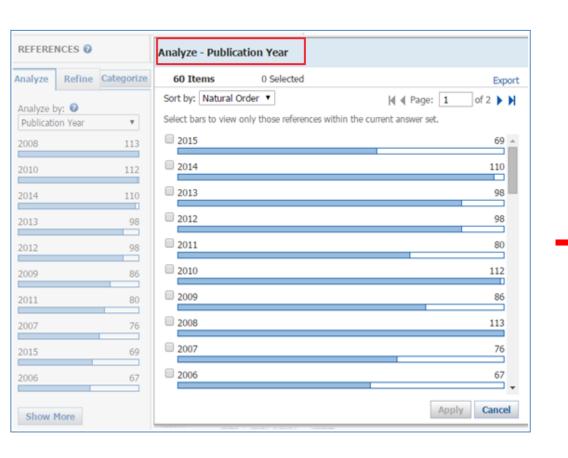
1 of 5 Research Topic Candidates Selected

- 21 references were found containing "MERS of vaccine" as entered.
- 2259 references were found containing the two concepts "MERS" and "vaccine" closely associated with one another.
- 5077 references were found where the two concepts "MERS" and "vaccine" were present anywhere in the reference.
- 576912 references were found containing the concept "MERS".
- 456655 references were found containing the concept "vaccine".

Get References



MERS 疫苗開發查詢過程



| Analyze | Refine | Categorize |
|-----------|--------|------------|
| Analyze b | ▼ | |
| 2015 | 69 | |
| Show I | More | |

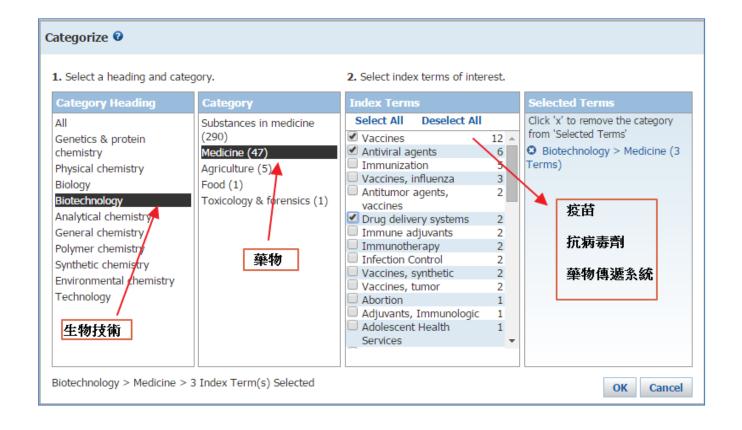


利用**Categorize**有系統尋找預探討主題,

此次我們選擇生物技術中的 "**疫苗**"、"抗

病毒劑"與"藥物傳遞系統",這三個關鍵

字的文獻。

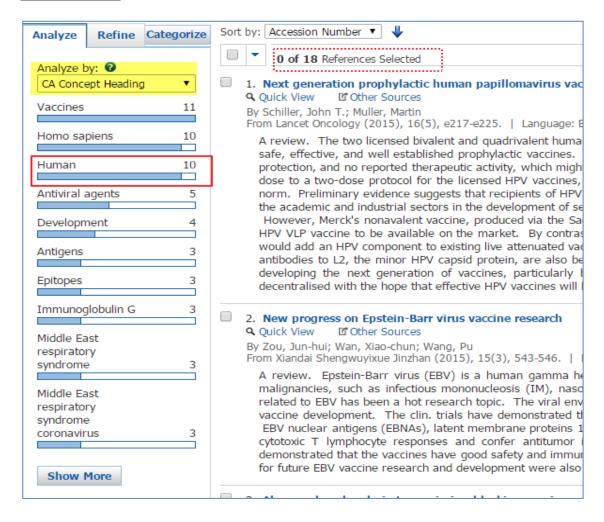




透過Categorize的分類,有效的限縮與關注主題。

篩選出的文獻(18篇)再利用CA Concept Heading

選擇領域 "Human",限縮10篇文獻。





MERS 疫苗開發查詢結果

3. Middle East respiratory syndrome coronavirus (MERS-CoV) particulate vaccine

By: Smith, Gale; Liu, Ye; Massare, Michael Assignee: Novavax, Inc., USA

中東呼吸道症候群 (MERS-Cov) 微粒疫苗

The authors disclose virus-like particles for eliciting protection against Middle East respiratory syndrome coronavirus (MERS-CoV). The virus-like particles (VLP) comprises nanoparticles of the MERS-CoV spike glycoprotein. In the examples, administration of VLP to mice or transgenic cattle was shown to induce a strain cross-reactive neutralizing antibody response.

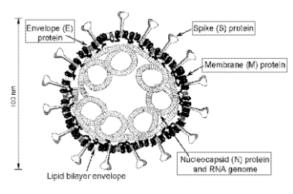
作者透露VLPs(virus-like particles)能夠誘發體內抵禦MERS-CoV。

VLPs由MERS-CoV 中spike glycoprotein的奈米顆粒所組成。

Figure 1

在實際的案例中,VLPs使用在小鼠和基轉牛隻上,已經證實可以誘發交叉中和性抗體反應。

Coronavirus Structure



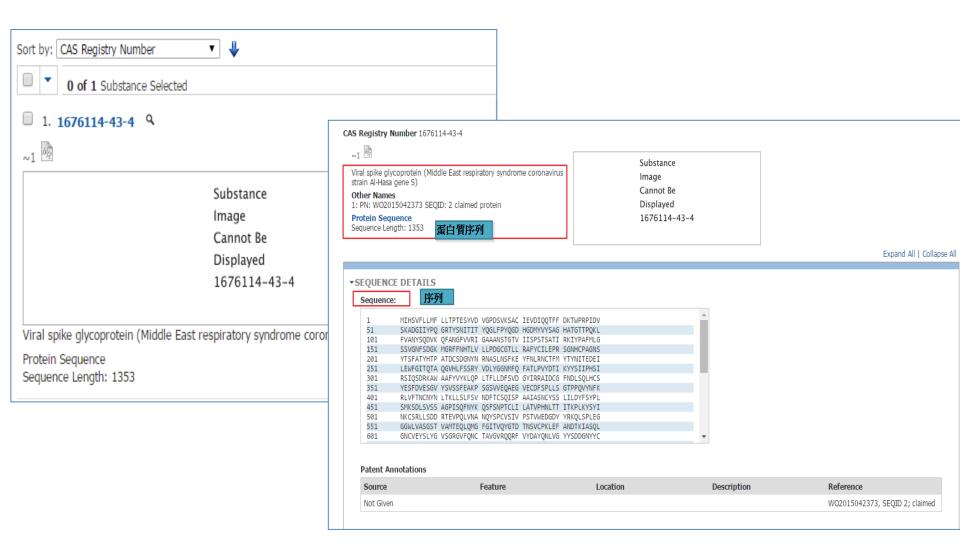
- Single strand RNA virus
- 30 kb genome with 14 ORFs
- Four structural proteins:
 Spike (S)
 Membrane (M)
 Envelope (E)
 Nucleocapsid (N)

Masters, Adv Virus Res 2006

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✓ 快速與精準定位特定化學物質於專利文獻中的段落,縮短尋找特定化學物質的時間。

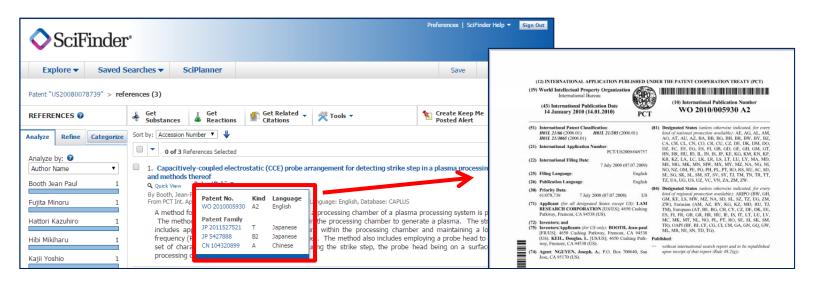


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- ✓ 全新專利閱讀導航-Patent Viewer, 點選物質對應頁碼立即開啟 Patent Viewer 瀏覽,專利訊息解讀更容易,並可連結SciFinder 進行物質進階查詢,讓流程更加簡化。

專利家族全文下載

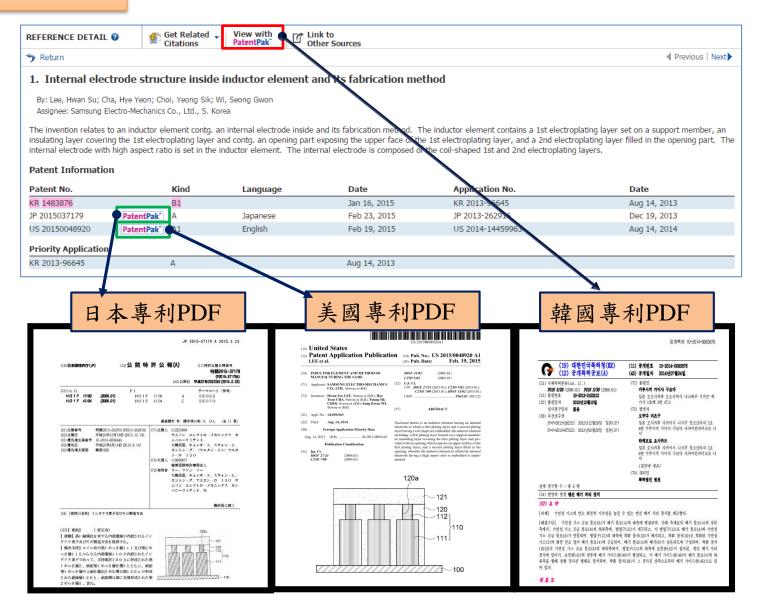






專利全文取得

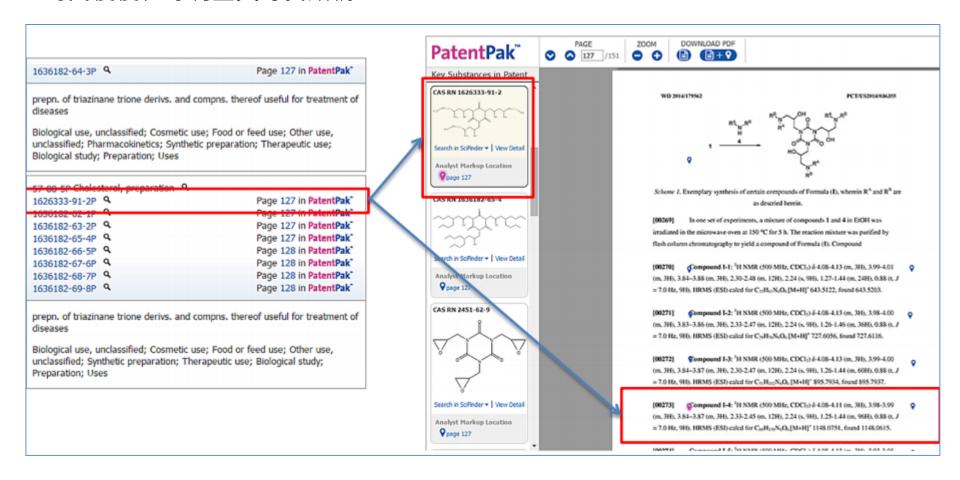




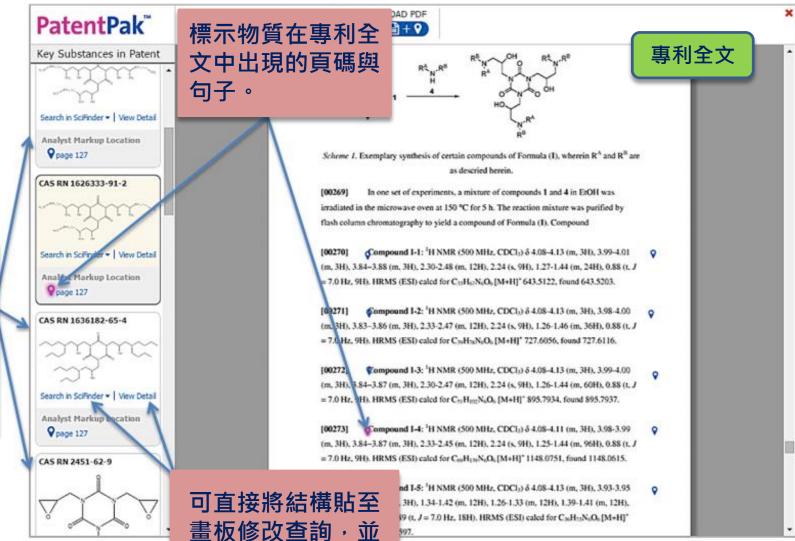
Patent Viewer



每篇專利中的索引物質 (key substances) 將會有專利全文頁碼的連結,不需要花費時間慢慢在專利全文尋找結構。







可看物質詳細資訊

此篇專利

重要物質

(物質導航)

如何加速SciFinder 查詢流程

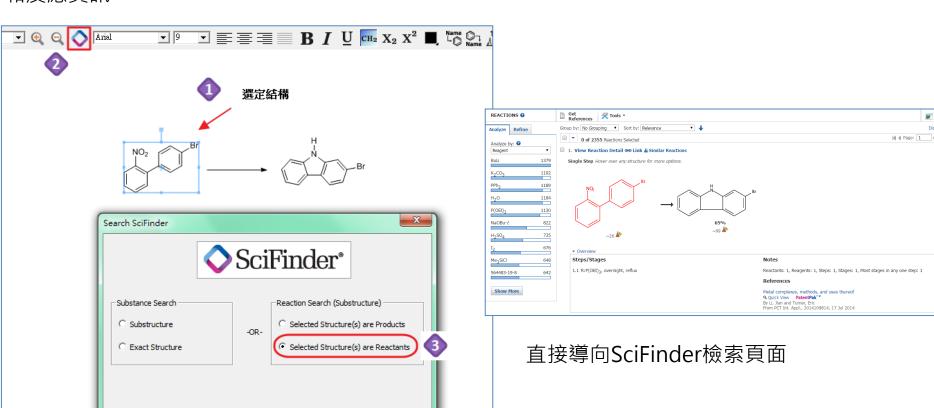
Proxy Settings...







SciFinder是由CAS (美國化學索摘服務社)設計的線上檢索查詢平台,它是世界上最權威、最全面性的化學和科學資訊數據庫。現在ChemBioDraw Ultra 14提供了一個SciFinder按鈕,讓使用者要查詢SciFinder變的更加快速方便,以下為如何透過ChemBioDraw Ultra 14 查詢SciFinder的物質和反應資訊。



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